

Department of Medicine

OFFICE:

Jeongseok Bldg. B-
204

TEL:+82-32-
890-0914

FAX : +82-
32-885-8302

◆ Majors in Medicine Department

<1> Medical Science Field: 31 majors

- 1) Anatomy
- 2) Physiology
- 3) Biochemistry
- 4) Pathology
- 5) Microbiology
- 6) Parasitology
- 7) Pharmacology
- 8) Social and Preventive Medicine
- 9) Internal Medicine
- 10) Surgery
- 11) Pediatrics
- 12) Obstetrics & Gynecology
- 13) Neurological Surgery
- 14) Orthopaedic Surgery
- 15) Plastic Surgery
- 16) Thoracic and Cardiovascular Surgery
- 17) Dermatology
- 18) Urology
- 19) Otorhinolaryngology-Head & Neck Surgery
- 20) Ophthalmology
- 21) Radiology
- 22) Anesthesiology& Pain Medicine
- 23) Psychiatry

- 24) Radiation Oncology
- 25) Laboratory Medicine
- 26) Neurology
- 27) Dentistry
- 28) Physical & Rehabilitation Medicine
- 29) Emergency Medicine
- 30) Family Medicine
- 31) Biomedical Science

- <2> Natural Science Field: 2 majors
- Drug Development
 - Molecular Biomedicine

Medical Science Field (31 majors)

1. Introduction :

Medicine is an integrated Science studying all aspects of human Biology including basic part of Biology and Clinical Science. We have eight Departments for basic science and are twenty three Departments of Clinical science. Each Department offers the course works for the Master's degree and Doctoral degree in Medicine.

2. Major :

- 1) Anatomy
- 2) Physiology
- 3) Biochemistry
- 4) Pathology
- 5) Microbiology
- 6) Parasitology
- 7) Pharmacology
- 8) Social and Preventive Medicine

- 9) Internal Medicine
- 10) Surgery
- 11) Pediatrics
- 12) Obstetrics & Gynecology
- 13) Neurological Surgery
- 14) Orthopaedic Surgery
- 15) Plastic Surgery
- 16) Thoracic and Cardiovascular Surgery
- 17) Dermatology
- 18) Urology
- 19) Otorhinolaryngology-Head & Neck Surgery
- 20) Ophthalmology
- 21) Radiology
- 22) Anesthesiology& Pain Medicine
- 23) Psychiatry
- 24) Radiation Oncology
- 25) Laboratory Medicine
- 26) Neurology
- 27) Dentistry
- 28) Physical & Rehabilitation Medicine
- 29) Emergency Medicine
- 30) Family Medicine
- 31) Biomedical Science

1) Anatomy

As one of the founding departments of Inha University Medical School, we offer an integrated coverage of functional anatomy including cadaveric dissection, histology, human embryology, and clinical and basic science lectures. Our faculties study a variety of scientific questions ranging from the basic research regarding Diabetes and stroke using a broad repertoire of sophisticated experimental approaches to the morphological variations of facial nerve and muscle which are clinically important and distinctly characteristic of Koreans.

2) Physiology

Physiology is the study of the biophysical and biochemical processes underlying the function of cells and organ systems in the human body. Major research areas of the Department of Physiology are neuroscience, immunology and cell biology. The research

topics focused in neuroscience are the calcium dynamics in neurons, neuronal pain signaling and neurobiology of microglia in neuroinflammation. Cell biology studies include the differentiation of stem cells, physiology in regeneration of cartilage and mechanisms for development of brain cancer. These research interests are approached by calcium imaging, patch clamp and molecular biological methodologies as well as confocal microscopy.

3) Biochemistry

Currently four professors and one technical assistant are working on teaching and research. The research encompasses proteins, RNA, and DNA; we analyze their synthesis, structure, actions and interactions. Special emphasis is placed on the understanding of membrane biochemistry, genetic biochemistry, protein biochemistry and structural biochemistry. All faculty are engaged in the operation and mission of the Department, accordingly getting considerable achievement, and continuously make an effort for improving the quality of education of students.

4) Pathology

Pathology is an academic part involving both basic science and clinical practice. It concerns about the structural and functional changes in cells, tissues, and organs that underlie disease. Molecular, microbiologic, immunologic, and morphologic techniques are used to explain the signs and symptoms of patients. Pathology provides a sound foundation for rational care and therapy on the basis of pathogenesis.

5) Microbiology

The medical microbiology is a medical discipline to delineate the characteristics of bacteria, virus, fungus and to investigate the immunological defense mechanisms against these pathogens in human body. There have been remarkable advance in medical immunology in recent years helped by the advance in molecular biology, genetics and protein chemistry. Medical microbiology has been and will play the central role in medical sciences.

6) Parasitology

The postgraduate course of parasitology focuses on the biology, immunology, and molecular biology of parasitic diseases. Recent two major interests are in vitro cultivation of intestinal flukes and vaccine development of malaria. The aim of this postgraduate course is training students as the professional parasitologists. Students can be learned necessary practical skills and knowledge for research and education.

7) Pharmacology

Pharmacology is a basic science that studies about therapeutic and toxic actions of synthetic or natural substances that interact with human systems via chemical

processes, by normalizing, activating or inhibiting living organ functions. Faculties involved in this department teach and study the wide range of branches of pharmacology, especially for chemical toxicology, clinical pharmacology, molecular pharmacology and pharmacogenomics.

- Cellular and Chemical Toxicology

- Free Radical Biology and Medicine

8) Social and Preventive Medicine

Social & Preventive Medicine is medical field containing research of health risk factors, development of health policy and program, for identification and control of health risk factors, protection and promotion of people's health. Department of Social & Preventive Medicine is trying to achieve healthy society for all people by disease prevention and health promotion.

9) Internal Medicine

The history of Department of Internal Medicine coincided with the establishment of Inha University College of Medicine in October of 1984. The medical school hospital was opened in 1986, first at Sungnam, and the Department of Internal Medicine was accepted as resident training center by the Korean Association of Internal Medicine in March 1988.

With the establishment of current medical school hospital in Incheon in 1996, the Department of Internal Medicine has been organized as nine divisions. They are division of gastroenterology, cardiology, pulmonary and critical care, nephrology, hemato-oncology, endocrinology, rheumatology, division of infectious disease and division of allergy and immunology.

The division of gastroenterology deals with diseases of stomach, colon, liver, pancreas and bile duct including malignancies. The research areas are also concentrated in studying pathogenesis and developing the modalities of prevention and treatment of gastrointestinal and liver disease.

The division of cardiology has its interests in treating heart disease mainly coronary heart disease, arrhythmia and valvular heart disease.

The division of pulmonary and critical care specialized in diagnosis and treatment of lung disease including lung cancer, tuberculosis, chronic obstructive pulmonary disease and respiratory failure.

The division of nephrology's main topic is end stage renal disease (ESRD) and other diseases that lead to ESRD. Its resources are also concentrated in investigating the modalities of its treatment.

The division of hemato-oncology concentrates its resources in treating and studying

malignant diseases including leukemia and lymphoma and various solid tumors. It also focuses on bone marrow transplantation

The division of endocrinology concentrates in treating and investigating diabetes mellitus (DM) /metabolic syndrome, thyroid disease and osteoporosis. The study encompasses investigating the treatment modalities and drugs for DM and its pathogenesis.

The division of allergy and immunology is engaged in identifying allergens and delineating the humoral and cellular mechanisms of allergic inflammation.

The division of infectious diseases focuses on the treatment of various infectious diseases including AIDS.

The division of rheumatology studies and treats various rheumatologic disorders. The research scope includes pathogenesis of rheumatoid disorders and means of immunotherapeutic interventions.

Currently, there are 12 professors, 10 associate professors, 9 assistant professors, 1 full-time lecturer, 9 clinical fellows and 34 residents as physician staffs. (data from 2008)

10) Surgery

General surgery is a surgical specialty that focuses on abdominal organs, breast, and often the thyroid gland. We make assurance especially at virtuous treatment for various malignant diseases associated with the aging society. In order to secure expertise for each disease, the department is subdivided into gastrointestinal, colorectal, hepatobiliary, pancreas, pediatrics, vascular, breast and endocrine, each lead by specialists with profound experience and knowledge.

11) Pediatrics

The pediatric department at the Inha University College of Medicine originated from Hanmi Hospital. Hanmi Hospital was first opened on August 16th, 1985 in Sunnam and was later renamed to Inha Hospital by the Hanjin Group on November 17th, 1986. The pediatric unit at the Inha University Hospital started its residency training program in March of 1987. The pediatric department at Inha University was first launched as a clinical practice hospital for medical students attending Inha University and for enrolling professors in March 1989. A new hospital affiliated with Inha University opened in Incheon (currently Inha Medical Center) on May 27th, 1996 and a pediatric department was officially established at the Inha University College of Medicine. The professors and residents of Inha Hospital in Sunnam were integrated into the Inha Medical Center in Incheon on September 1st, 2003.

Since producing the first pediatric specialist in 1991, 48 pediatricians are practicing medicine in various institutions around the country (26 at local clinics, 9 at university

hospitals as professors, 9 at general hospitals, and 4 involved with military service as medical officers). Among the 48 pediatricians, 7 have obtained a doctor's degree and 16 have earned a master's degree in medical science. Currently 8 professors, 2 clinical fellows, and 11 residents are treating patients in the diverse fields of pediatrics according to the academic and holistic principles of medicine.

We have great interest in students education and are vigorously teaching medical students using various educational tools such as PBL, OSCE, etc. As pediatricians, we are actively functioning publicly in our society where pediatricians are needed.

- Pediatric Hematology and Oncology
- Pediatric Endocrinology and Genetics
- Pediatric Nephrology
- Pediatric Allergy and Immunology
- Pediatric Pulmonary Diseases
- Pediatric Infectious Diseases
- Pediatric Cardiology
- Neonatology
- Pediatric Gastroenterology, Hepatology, and Nutrition
- Pediatric Neurology

12) Obstetrics & Gynecology

The branch of medicine that deals with the care of women during pregnancy and during and following childbirth and that deals with the administration of health care to women, esp, the diagnosis and treatment of disorders affecting the female reproductive organs

- Obstetrics
- General gynecology
- Gynecologic oncology
- Infertility and reproductive endocrinology
- Urogynecology

13) Neurological Surgery

Neurosurgery Department has been maintaining a high quality of pride that one of the highest quality medical in Korea, we have kept endeavored to innovate the researching and developing of brain and spine. Moreover, Our medical crew has been trying to contribute to the development of Vascular disorders(aneurysm, vascular anomaly and ischemic disorders), Brain tumor(skull bases), Functional disorders(hemifacial spasm), Spine(degenerative and spinal cord injury), Cyberknife(brain and spine tumor) and Research works (brain ischemia and spinal cord injury with mesenchymal stem cell) therapy and our final destination under the slogan in which we have become Number-

one Neurosurgical Department in the world. Many people would agree that one of the most important elements of brain and spine disorders is accuracy diagnosis and management. Moreover, our personnels have dedicated a lot of time to teach our Students to be good doctors and reserachers.

14) Orthopedic Surgery

Orthos as in straight and paidos as in child, the title called orthopedics is a combination of these two words. In the early days, orthopedics was mainly about preventive medicine. However as generations passed, orthopedics developed into a more broad and specific medicine.

Orthopedics, in medical fields, is defined as a study of extremities and spines including there accessaries to maintain, rehabilitate and develope in medical, surgical and physical aspect. In respect to this definition, orthopedical team of Inha university are trained by specialized professors, in many different fields including hip, knee, spine, hand, foot and pediatric. They are taught medically and surgically in diagnosis, treatment, and prevention and are actively trained by many different cases.

15) Plastic Surgery

The clinical applications of plastic surgery, practiced over the whole of the human anatomy, range from skin grafting to the management of uncommon craniofacial clefts, to replantation of the lower extremity

16) Thoracic and Cardiovascular Surgery

Department of Thoracic and Cardiovascular Surgery is composed of Thoracic surgery and Cardiovascular surgery. Thoracic surgery include all surgical diseases about lung, pleura, chest wall, trachea, and esophagus. Cardiovascular surgery include surgical diseases about heart, great vessels, peripheral arteries and veins. Recently minimal invasive technique such as Video assisted thoracic surgery is introduced in thoracic surgery. Catheter based technique such as stent graft on aortic disease is also introduced in cardiac surgery. Our department is developing with recently developing Robotic surgery and increasing incidence of lung cancer.

17) Dermatology

Studies of various skin diseases and cutaneous biology are carried out at the department of Dermatology. Topics of interest of the current faculty members are pathogenesis of various skin diseases such as alopecia areata, atopic dermatitis and vitiligo. The basic research of hair and melanocyte biology and the antitumor cell therapy of dendritic cells are strengthened by active collaborations with other research groups within Inha medical school as well as Inha University College of Engineering.

18) Urology

Our faculty of urology in Inha university college of medicine mainly participates in education of its students and residents, supported by world-class faculty members, in variety of fields including; urinary tract disorders involving kidney, ureter, urinary bladder and urethra which are related to formation and excretion of urine; reproductive medicine that majorly focuses on diseases of male genital organ; and some others such as urinary incontinence, voiding difficulty and erectile dysfunction. Recent rapid advances in both technology and diagnostic, therapeutic devices enabled the urology to be one of the high-end and fast-growing field in medical science. We specialize in study of: urooncology, renal transplantation, andrology(sexual dysfunction, infertility), pediatric urology, female urology(urinary incontinence, female sexual disorder, cystitis), micturition disorder and endourology. The urology faculty of Inha university is widely known for its markedly active participation in research, publication and clinical achievements, and is challenging in taking another step forward toward the best urology faculty of the contemporary.

19) Otorhinolaryngology-Head & Neck Surgery

Department of Otorhinolaryngology-Head and Neck Surgery performs the care of patients with ear, nose, throat, and head and neck disorders, and carries on active research and educational programs

- Otology & neurotology & skull base surgery
- Audiology and cochlear implant
- Dizziness and balance disorder
- Rhinology & sinus surgery
- Rhinoplasty and facial cosmetics
- Allergy & olfaction
- Laryngology & head and neck surgery
- Voice & speech
- Head & Neck oncology

20) Ophthalmology

Ophthalmology is the branch of medicine which deals with the diseases and surgery of the visual pathways, including the eye and areas surrounding the eye, such as the lacrimal system and eyelids.

Ophthalmology includes sub-specialities which deals with certain diseases including abnormality of refraction caused by abnormal shape of the eye such as myopia, astigmatism and hyperopia as well as corneal disease, cataract, glaucoma, retina, vitreous disease and strabismus.

This course will focus on clinical use and medical issues important to the evolving

practice of ophthalmology, with a specific concentration on the most advanced medical and surgical treatment options within glaucoma, retina, anterior segment, and refractive surgery. Expert faculty will present the latest developments in the management of ocular conditions through a combination of didactic and highly interactive discussion sessions. Ample time will be reserved to pursue case studies with registrants.

The Department of Ophthalmology at Inha University serves to provide education, research, and service.

-Education: Educate medical students, residents, fellows and other professionals in the most advanced techniques available for the diagnosis, prevention and treatment of eye disease.

-Research: Identify and investigate new methods to diagnose, treat, rehabilitate and prevent conditions that cause vision impairment and blindness.

-Clinical/Surgical Services–Patient Care: Provide clinical/surgical care consistent with the needs of the community, consultative services on patients referred by fellow professionals and eye care to patients who cannot afford or do not have access to these services.

21) Radiology

The Department of Radiology at the Hospital of the Inha University is a highly specialized, full-service department which strives to meet all patient and clinician needs in diagnostic imaging and image-guided therapies. We provides wide range of services in subspecialties of abdomen, chest, neuro, head and neck, musculoskeletal, neuro- and visceral intervention and breast. About 11 medical radiologists with their own specialties, 8 outstanding residents and about 50 technical radiologists are working in a homelike atmosphere. Also, various imaging modalities are running to not only diagnose but also treat patient's diseases with prominent interventional techniques. New versions of machines for plain radiography, multi-detector computed tomography, magnetic resonance imaging, ultrasonography, mammography, fluoroscopy and angiography are obtaining images of good quality. We know our important role to provide excellent medical services so we always keep close cooperation with doctors of other departments. Members of our department are trying patients to be performed their examination comfortably. Besides, we are publishing many medical articles and make presentation in the notable international learned societies. We are ready to meet expectations of first-class department of radiology in the Asia-Pacific area.

22) Anesthesiology & Pain Medicine

Department of anesthesiology & pain medicine provides education for the basic concepts of general anesthesia, the pharmacological characteristics of medication, the

physiological changes of pre-, intra-, and post-anesthesia, and its clinical management. Pain medicine is diagnosing and treating acute and chronic pain, treating cancer pain and functional disease, managing epidural analgesia for labor pain and postoperative pain control

23) Psychiatry

The term psychiatry, coined by Johann Christian Reil in 1808, comes from the Greek “psyche” (soul or mind) and “iatros” (healer or doctor). It refers to a field of medicine focused specifically on the mind, aiming to study, prevent, and treat mental disorders in humans. Various subspecialties and theoretical approaches exist which are related to the field of psychiatry.

Details of subject include the following:

- Psychopharmacology
- Introduction to Psychoanalysis
- Theories of Personality
- Community Psychiatry
- Psychopathology
- Psychotherapy
- Neuroimaging
- Geriatric Psychiatry
- Psychiatric Journal Conference
- Child Psychopharmacology
- Psychiatric Research Methodology
- Molecular Biology in Psychiatry
- Schizophrenia Research
- Psychoanalytic Schools
- Personality Development
- Psychometry
- Object Relation Theory
- Early Detection Treatment of Early Psychosis

24) Radiation Oncology

Radiation Oncology is a medical specialty which manages malignant diseases and some benign diseases using ionizing radiation. Research and clinical practice of Radiation Oncology is subdivided into Radiation Physics, Radiation Biology, and Clinical Radiation Oncology.

Formal lectures are given to senior students. A education program is also assigned to students and consists of outpatient care, radiation therapy planning, external beam

radiation therapy, intracavitary radiation therapy and follow-up of patients after treatment. The students attend intradepartmental and interdepartmental conferences. The faculty members are also involved in the integrated oncology lectures for sophomore students and oncology conferences for students.

25) Laboratory Medicine

The Department of Clinical Pathology in Inha University Includes 7 examination parts of Clinical Chemistry, Diagnostic Hematology, Special Chemistry, Clinical Microbiology, Diagnostic Immunology, Blood Bank, and Urinalysis. The Department of Clinical Pathology supplies the clinical information for the diagnosis and treatment of patients, and serves as the connection between clinical medicine and basic science. The Department of Clinical Pathology helps the research and development for the purpose of improving diagnostic methods and the application of basic science for effective diagnosis. Four staffs specialized in the respective areas are taking responsibility of verification, interpretation, consultation, and scholastic research for the examination results. Most of examinations are performed by the skilled 45 medical technologists, using advanced automation devices.

26) Neurology

Neurology is a medical specialty dealing with all categories involving the central nervous system (cerebrum, cerebellum, brainstem and spinal cord), the peripheral nervous system (cranial nerve and peripheral nerve), the autonomic nervous system and muscles.

The college of neurology is committed to bringing its members the highest quality continuing medical education and professional education opportunities. The academy's education programs cover the spectrum of neurological disorders, from the most prevalent to newly emerging issues.

Providing excellence in professional education by offering a variety of programs in both the clinical aspects of neurology and the basic neurosciences.

Ensuring appropriate access to neurological care.

Supporting and advocating for an environment which ensures ethical, high quality neurological care.

Supporting clinical and basic research in the neurosciences and related fields.

Neurology

Cerebrovascular Disease

Central Nervous System Disorder

Spinal Cord Disease

Dementia

Movement Disorder
Epilepsy
Sleep Disorder
Infection of Nervous System
Neuro-oncology
Neuromuscular Disease
Headache and Pain
Dizziness
Metabolic Disorder
Inherited Disease
Neurophysiology

27) Dentistry

Explain and study the implantology, the pathologic lesions, aesthetics and original functions of the oral & maxillofacial structures

Oral and maxillofacial surgery

Prosthetics

Orthodontics

28) Physical & Rehabilitation Medicine

Specialists in Physical and Rehabilitation Medicine focus on people's function and enhancing their quality of life, no matter what the medical problem. P&RM physicians (called physiatrists) have training that emphasizes neurologic, orthopedic, rheumatologic and cardiopulmonary care, since abnormalities in these body systems frequently interfere with day-to-day functioning.

Physical Medicine specialists diagnose and treat people with many different types of problems, ranging from sports injuries and low back pain to serious neurologic injury such as spinal cord injury or brain injury. We offer treatment options including physical modalities such as heat or ice, acupuncture, manual therapies and therapeutic exercise to improve function. Our goal is to design a unique program of recovery, health and wellness that fits each person's needs. We work together as a team that includes physiatrists, physical therapists, occupational therapists, speech therapists, recreational therapists, rehabilitation psychologists, social workers, and nurses.

Our mission is to improve the function, level of independence, and quality of life of persons who have disabilities brought about by illness, injury, or of congenital origin. The Department fulfills this mission by providing regional and national leadership in patient care, education, research, and through its academic and clinical faculties, who represent a broad spectrum of scientific and clinical disciplines.

29) Emergency Medicine

Emergency Medicine is a speciality of medicine that emphasizes on the rapid diagnosis and treatment of acute illnesses and injuries that require immediate resuscitation. It also constitutes the extension of emergency medical care into the community.

30) Family Medicine

The curriculum of family medicine provides family and community oriented qualified primary care continuously and comprehensively and integrated attitude towards common disease, undifferentiated and vague symptoms, functional disorder and psychosocial problems, not just like multi-clinic. The integrated care has developed special interests such as geriatrics, sports medicine, weight management, hospice-palliative care and etc, also.

31) Biomedical Science

In the Molecular Genetic Medicine major, you can learn the basic researches in stem cell biology, cancer biology, and molecular biology fields. In addition, you can explore the translational studies for the treatment of immune diseases including graft-versus host disease and rheumatoid arthritis using adult stem cells, various cancers with target specific drug delivery system, and urological diseases including erectile dysfunction and Peronie's disease using gene and molecular therapy methodologies.

- Stem cell therapy and Regenerative medicine
- Drug delivery system and Cancer therapy
- Gene and molecular therapy in urological diseases

3. Faculty Members

◆ Anatomy

1) Park, In Sun (박인선)

- * Office : Jungsok Bld. C307
- * Tel : +82-32-890-0911
- * E-mail : sunpark @inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - Ph. D : Anatomy/ Catholic college of Medicine / Korea
 - M.S. : Anatomy/ Catholic college of Medicine / Korea
- * Research Area : Pancreatic islet biology
 - Development of pancreatic stem cells

Kidney morphology in diabetic complication (

- * Academic Works :
- Clusterin induces differentiation of pancreatic duct cells into insulin-secreting cells. Diabetologia, 2006, 49(2):311-320
- Activation of nestin-positive duct stem (NPDS) cells in pancreas upon neogenic motivation and possible cytodifferentiation into insulin-secreting cells from NPDS cells. Developmental dynamics 2004 230(1):1-11
- Anti-obesity effects of alpha-lipoic acid mediated by suppression of hypothalamic AMP-activated protein kinase 2004 nature Medicine 2//40 10(7):727-7331

2) Kim, Dae Joong (김대중)

- * Office : Jungsok Bld. C307
- * Tel : +82-32-890-0912
- * E-mail : djkim@inha.ac.kr
- * Homepage :
- * Educational Background
 - Ph. D : Veterinary Medicine(Anatomy)/ Seoul Natl. Univ. / Korea
 - M.S. : Veterinary Medicine / Seoul Natl. Univ. / Korea
- * Research Area : Clinical Anatomy, Neuroanatomy
- * Academic Works
 - Anatomy of tympanoparotid fascia relating to neck lift. J. of Craniofacial Surg. 19 : 648-651, 2008
 - Surgical anatomy of retaining ligaments in the periorbital area. J. of Craniofacial Surg. 19 : 800-804, 2008
 - Experimental study of autologous cartilage, acellular cadaveric dermis, lyophilized bovine pericardium, and irradiated bovine tendon: Applicability to nasal tip plasty. J. of Craniofacial Surg. 18: 551-558, 2007

3) Lee, Ja Kyeong (이자경)

- * Office : Jungsok Bld. C307
- * Tel : +82-32-890-0913
- * E-mail : jkleee@inha.ac.kr
- * Homepage :
- * Educational Background :
 - Ph. D : Neuroscience / Baylor College of Medicine / USA
 - M.S. : Biology / Seoul National University / Korea

* Research Area : Studies on the neuropathology of stroke

* Academic Works :

- NO-induced downregulation of HSP10 and HSP60 expression in the postischemic brain. J Neurosci Res. (2007) 85, 1252-1259
- HMGB1, a novel cytokine-like mediator linking acute neuronal death and delayed neuroinflammation in the postischemic brain. (2006) J Neurosci 26, 6413-6421
- Inhibition of the cerebral ischemic injury by ethyl pyruvate with a wide therapeutic window. STROKE (2005) 36, 2238-2243

◆ Physiology

1) Suh, Chang Kook (서창국)

* Office : B dong 6 F

* Tel : + 82-32-890-0021

* E-mail : cksuh@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Biophysics/ University of Illinois / USA

- M.S. : Physics / Seoul University /Korea

* Research Area :

- Neuroscience

* Academic Works :

- Dual effects of nitric oxide on the large conductance calcium-activated potassium channels of brain. J Biochem Mol Biol. 2006;39(1):91-6
- Evidence for Na⁺/Ca²⁺ exchanger 1 association with caveolin-1 and -2 in C6 glioma cells. IUBMB Life. 2004;56(10):621-7
- Effects of Na⁺/Ca²⁺ exchanger activity on the alpha-amino-3-hydroxy-5-methyl-4-isoxazolone-propionate-induced ca²⁺ influx in cerebellar purkinje neurons. Neuroscience. 2005; 131(3):589-99

2) Park, So Ra (박소라)

* Office : B dong 6 F

* Tel : + 82-32-890-0922

* E-mail : srpark @inha.ac.kr

* Homepage : <http://www.inha.pnrmall.com>

* Educational Background :

- Ph. D : Physiology(Medicine) / Yonsei University / Korea

- M.S. : Physiology (Medicine) / Yonsei University / Korea
- * Research Area :
 - Stem cell differentiation
 - Regeneration and repair of cartilage
- * Academic Works :
 - The effect of sonication on osteoarthritis. Part I: Effects of ultrasound on uptake of hyaluronate into the rabbit synovium/Ultrasound in Medicine & Biology 31(II): 1551-1558, 2005
 - The effect of sonication on osteoarthritis. Part II: Alleviation of osteoarthritis pathogenesis by ultrasound with simultaneous hyaluronate injection/Ultrasound in Medicine & Biology 31(II):1559-1566, 2005
 - Low intensity ultrasound stimulation enhances the chondrogenic differentiation in alginate bead culture of mesenchymal stem cell /Artificial organs 30(9):707-715, 2006

3) Kwak, Ji Yeon (곽지연)

- * Office : B dong 6 F
- * Tel : + 82-32-890-0923
- * E-mail : kwak1014@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Pharmacology (Physiology) / Seoul National University / Korea
 - M.S. : Pharmacology / Seoul National University / Korea
- * Research Area :
 - Ion channel (TRP), Pain, Stress
- * Academic Works :
 - Dual Effects of Nitric Oxide on the Large Conductance Calcium-activated Potassium Channels of Rat Brain (2006) J Biochem Mol Biol. 39(1):91-96
 - The extracellular calcium sensing receptor is expressed in mouse mesangial cells and modulated cell proliferation (2005) Exp. Mol. 37(5):45-65
 - Thimerosal decrease TRPV1 activity by oxidation of extracellular sulfhydryl residues (2004) Neurosci. Lett.369:250-255

4) Han, Inn Oc (한인옥)

- * Office : B dong 6 F
- * Tel : + 82-32-890-0924
- * E-mail : iohan @inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Cell Biology / Univ. of Alabama at Birmingham / USA

- M.S. : Biochemistry / Yonsei University / Korea

* Research Area :

- Molecular and cellular mechanism of neuroinflammation

- Functions of O-GlcNAc protein

- Mechanisms in development and treatment of brain cancer

* Academic Works :

- C6 Glioma Cell Insoluble Matrix Components Enhance Interferon- γ -stimulated Inducible Nitric-oxide Synthase/Nitric Oxide Production in BV2 Microglial Cells. (2008) J. Biol. Chem 283, 2526-2533.

- IL-1 β , an immediate early protein secreted by activated microglia, induces iNOS/NO in C6 astrocytoma cells through p38 MAPK and NF- κ B pathways. (2006) J Neurosci Res 2006 Oct. 84, 1037-1046

- Transforming growth factor- β 1 represses activation and resultant death of microglia via inhibition of phosphatidylinositol 3-kinase activity. (2004) J Immunol. 172, 7015-7023.

◆ Biochemistry

1) Yoo, Seung Hyun (유승현)

* Office : Jeongseok Bldg. B-301

* Tel : +82-32-890-0936

* E-mail : shyoo @inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Biochemistry, Molecular Neurobiology/The University of Texas at Austin/USA

- M.S. : Zoology / Seoul National University/ Korea

* Research Area :

Calcium signaling in Secretory Cells

Biochemistry of Calcium Binding Proteins

Inositol Trisphosphate-dependent Calcium Signaling Mechanism

Role of calcium signaling in cancer

* Academic Works :

- Comparison of and chromogranin effect on inositol 1,4,5-trisphosphate sensitivity of

cytoplasmic and nucleoplasmic inositol 1,4,5-trisphosphate receptor/ Ca^{2+} channels, BIOCHEMISTRY, 46 (49), pp14032~14043, 2007.

- Presence of secretogranin II and high-capacity, low-affinity Ca^{2+} storage role in nucleoplasmic Ca^{2+} store vesicles, BIOCHEMISTRY, 46 (50), pp14663~14671, 2007.

- Presence of a putative vesicular 1,4,5-trisphosphate-sensitive nucleoplasmic Ca^{2+} store. Biochemistry 45, 1362-1373, 2006

2) Kim, Jong Wook (김종욱)

* Office : Jeongseok Bldg. B-505

* Tel : + 82-32-890-0932

* E-mail : jwkim@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Microbiology / Indiana State University / USA

- M.S. : Life Sciences / Indiana State University / USA

* Research Area : Virology, Molecular Biology

* Academic Works :

- Double-stranded RNA virus in Korean isolate IH-2 of *Trichomonas vaginalis*. Korean Journal of Parasitology, 45, 87-94, 2007

- Intergeneric relationship between the *Aspergillus ochraceus* virus F and *Penicillium stoloniferum* virus S. Virus Research, 120, 212-215, 2006

- Genome organization and expression of *Penicillium stoloniferum* virus F. Virus Genes, 31, 175-183, 2005

3) Jang, Jun Hyeog (장준혁)

* Office : Chungbuk Building B-505

* Tel : + 82-32-890-0933

* E-mail : juhjang@inha.ac.kr

* Homepage : <http://biochem.inha.ac.kr/>

* Educational Background :

- Ph. D : Biochemistry / Texas A&M University / USA

* Research Area: Our laboratory seeks to understand the molecular mechanisms of the growth factors (FGFs), extracellular matrix proteins (ECM) and its dysfunction that results in disease including cancers. Recently, our effort has been in exploitation of genetic technologies to design and construct novel proteins for the therapeutical applications.

* Academic Works :

- Jang JH, Hwang JH, Chung CP, Choung PH.

Identification and kinetics analysis of a novel heparin-binding site (KEDK) in human tenascin-C. *J Biol Chem.* 2004 Jun. 11;279(24):25562-6.

- Park S, Kim JH, Jang JH, Aberrant hypermethylation of the FGFR2 gene in human gastric cancer cell lines. *Biochem Biophys Res Commun.* 2007 Jun 15;357(4):1011-5

-Jang, J. H. Reciprocal relationship in gene expression between FGFR1 and FGFR3: implication for tumorigenesis. *Oncogene*, 24: 945-948, 2005

◆ Pathology

1) Chu, Young Chae (주영채)

* Office : Department of Pathology, Inha University Hospital

* Tel : + 82-32-890-3981

* E-mail : ycchu@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Pathology / Korea University, College of Medicine / Korea

- M.S. : Pathology / Korea University, College of Medicine / Korea

* Research Area : Soft tissue pathology & Cytopathology

* Academic Works :

- Kim L, Yoon YH, Choi SJ, Han JY, Park IS, Kim JM, Chu YC, Kim YJ. Hyalinizing spindle cell tumor with giant rosettes arising in the lung: report of a case with FUS-CREB3L2 fusion transcripts. *Pathol Int.* 2007; 57: 153-7.

- Chu YC, Han JY, Han HS, Kim JM, Suh JK. Cytologic evaluation of low grade transitional cell carcinoma and instrument artifact in bladder washings. *Acta Cytol.* 2002; 46: 341-8.

- Henricks WH, Chu YC, Goldblum JR, Weiss SW. Dedifferentiated liposarcoma: a clinicopathological analysis of 155 cases with a proposal for an expanded definition of dedifferentiation. *Am J Surg Pathol.* 1997; 21: 271-81.

2) Kim, Joon Mee (김준미)

* Office : Department of Pathology, Inha University Hospital

* Tel : + 82-32-890-3984

* E-mail : jmkpath@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Pathology / Korea University, College of Medicine / Korea

- M.S. : Pathology / Korea University, College of Medicine / Korea

* Research Area : Gastrointestinal and liver pathology

* Academic Works :

Diagnosis of gastric epithelial neoplasia: Dilemma for Korean pathologists. WORLD JOURNAL OF GASTROENTEROLOGY, 2011; 17: 2602-2610

An Effective Assessment of Simvastatin-Induced Toxicity with NMR-Based Metabonomics Approach. PLOS ONE, 2011; 6: 1-11

Histopathology and TB-PCR kit analysis in differentiating the diagnosis of intestinal tuberculosis and Crohn's disease. WORLD JOURNAL OF GASTROENTEROLOGY, 2010; 16: 2496-2503

3) Han, Jee Young (한지영)

* Office : Department of Pathology, Inha University Hospital

* Tel : + 82-32-890-3984

* E-mail : jeeyhan@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Pathology / Yonsei University, College of Medicine / Korea

- M.S. : Pathology / Yonsei University, College of Medicine / Korea

* Research Area : Renal pathology, Renal fibrosis

* Academic Works :

- Han KH, Kang YS, Han SY, Jee YH, Lee MH, Han JY, Kim HK, Kim YS, Cha DR. Spironolactone ameliorates renal injury and connective tissue growth factor expression in type II diabetic rats. *Kidney Int.* 2006; 70: 111-20.

- Han SY, Kim CH, Kim HS, Jee YH, Song HK, Lee MH, Han KH, Kim HK, Kang YS, Han JY, Kim YS, Cha DR. Spironolactone prevents diabetic nephropathy through an anti-inflammatory mechanism in type 2 diabetic rats. *J Am Soc Nephrol.* 2006; 17: 1362-72.

- Shuguang Piao, Ji-Kan Ryu, Hwa-Yean Shin, Jee-Young Han, Hong-Sik Lee, Jun-Kyu Suh. The mouse as a model for the study of penile erection: moving towards a smaller animal. *Int J Androl.* 2007; 30: 452-7.

4) Park, In Suh (박인서)

4) Park, In Suh (박인서)

* Office : Department of Pathology, Inha University Hospital

* Tel : + 82-32-890-3973

* E-mail : ispap@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Pathology / Inha University, College of Medicine / Korea

- M.S. : Pathology / Inha University, College of Medicine / Korea

* Research Area : Neuropathology, Head and Neck pathology, Drug delivery System

* Academic Works :

- Hyeona Yim, Su-Geun Yang, Yong Sun Jeon, In Suh Park, Mina Kim, Don Haeng Lee, You Han Bae, Kun Na. The performance of gadolinium diethylene triamine pentaacetate-pullulan hepatocyte-specific T1 contrast agent for MRI. Biomaterials 2011; 32: 5187-5194.

- Zhong-Gao Gao, Li Tian, Jun Hu, In-Suh Park, You Han Bae. Prevention of metastasis in a 4T1 murine breast cancer model by doxorubicin carried by folate conjugated pH sensitive polymeric micelles. Journal of Controlled Release 2011; 152: 84-89.

- Hyuk Nam Kwon, Mina Kim, He Wen, Sunmi Kang, Hye-ji Yang, Myung-Joo Choi, Hee Seung Lee, DalWoong Choi, In Suh Park, Young Ju Suh, Soon-Sun Hong and Sunghyook Park. Predicting idiopathic toxicity of cisplatin by a pharmacometabonomic approach. Kidney International 2011; 79: 529-537.

5) Choi, Suk Jin (최석진)

* Office : Department of Pathology, Inha University Hospital

* Tel : + 82-32-890-3984

* E-mail : 204058@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Pathology / Dongguk University, College of Medicine / Korea

- M.S. : Pathology / Dongguk University, College of Medicine / Korea

* Research Area : Pathology, Hematopathology, Cytopathology, Gynecologic pathology

* Academic Works :

- Sung Chang-Ohk, Choi Suk-Jin, Park Cheol Keun. Clinicopathologic Features of Early Hepatocellular Carcinoma. Korean J Pathol. 2004; 38: 138-44.

- Suk Jin Choi, Lucia Kim, In Suh Park, Jee Young Han, Joon Mee Kim, Young Che Chu. Touch Imprint Cytology of Merkel Cell Carcinoma. The Korean Journal of Cytopathology 2005; 16: 93-7.

- Choi Suk-Jin, Song Eun-Seop, Kim Lucia, Park In-Suh, Han Jee-Young, Kim Joon-Mee, Chu Young-Chae. Immunohistochemical Analysis of Midkine Expression in Preinvasive

and Invasive Squamous Cell Neoplasia of the Uterine Cervix. Korean J Pathol. 2007; 41: 79-86.

6) Kim, Lucia (김루시아)

* Office : Department of Pathology, Inha University Hospital

* Tel : + 82-32-890-3984

* E-mail : luciado@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Pathology / Yonsei University, College of Medicine / Korea

- M.S. : Pathology / Yonsei University, College of Medicine / Korea

* Research Area : Pulmonary Pathology, Cytopathology

* Academic Works :

- L. Kim, YJ Kim, SJ Choi, IS Park, JY Han, YC Chu, JM Kim. Prognostic significance of thymosin- β 4 in gastric adenocarcinoma patients. Korean J Pathol. 2007; 41: 176-82.

- L. Kim, DK Kim, WI Yang, DH Shin, Im Jung, HK Park, BC Chang. Overexpression of transforming growth factor- β 1 in the valvular fibrosis of chronic rheumatic heart disease. J Korean Med Sci. 2008; 23: 41-8.

- Kim L, Yoon YH, Choi SJ, Han JY, Park IS, Kim JM, Chu YC, Kim YJ. Hyalinizing spindle cell tumor with giant rosettes arising in the lung: report of a case with FUS-CREB3L2 fusion transcripts. Pathol Int. 2007; 57: 153-7.

◆Microbiology

1) Lim, Byung-Uk (임병욱)

* Office : Jungsok Bld B305

* Tel : + 82-32-890-0951

* E-mail : bulim@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Microbiology/ The Catholic University of Korea/ Korea

- M.S. : Microbiology/ The Catholic University of Korea/ Korea

- M.D.: Medicine/ The Catholic University of Korea/ Korea

* Research Area :

Delineation of the cause and prevention of ankylosing spondylitis
Molecular mechanisms of Orientia tsutsugamushi- induced apoptosis
Characterization of genes in Seoul virus and its relation to bunyaviridae virus

* Academic Works :

- Choi EK, Chi IM, Lee SR, Kook YH, Griffin RJ, Lim BU, Kim JS, Lee DS, Song CW, Park HJ: Radiosensitization of tumor cells by modulation of ATM Kinase. *Int J Radiation Biology*, 82(4):277-283, 2006.4
- Choi EK, Terai K, Ji IM, Kook YH, Park KH, Oh ET, Griffin RJ, Lim BU, Kim JS, Lee DS, Boothman DA, Loren M, Song CW, Park HJ: Upregulation of NAD(P)H:quinone oxidoreductase (NQO1) by radiation potentiates the effect of bioreductive B-lapachone against cancer cells. *Neoplasia*, 9: 634-642, 2007.08.
- Song CW, Chae JJ, Choi, EK, Hwang TS, Kim C, Park HJ: Anti-cancer effect of bioreductive drug B-lapachone is enhanced by activating NQO1 by heat-shock, *Int. J. Hyperthermia*, 24(2): 161-169, 2008.

2) Kang, Jae Seung (강재승)

* Office : B Jungsok Bld 305

* Tel : + 82-32-890-0952

* E-mail : jaeskang@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Microbiology/ Seoul National University/ Korea
- M.S. : Microbiology/ Seoul National University/ Korea
- M.D. : Medicine/ Seoul National University/ Korea

* Research Area :

Bacteriology, especially research for intracellular bacteria including *Orientia tsutsugamushi*

* Academic Works :

- Kim MJ, Kim MK, Kang JS. Improved antibiotic susceptibility test of *Orientia tsutsugamushi* by flow cytometry using monoclonal antibody. *J Korean Med Sci*. 22(1):1-6, 2007.
- Chung MH, Lee SH, Kim MJ, Lee JH, Kim ES, Kim MK, Park MY, Kang JS. Japanese spotted fever, South Korea. *Emerg Infect Dis*. 12(7):1122-4, 2006.
- Kim MJ, Kim MK, Kang JS. An epitope shared by cellular cyokeratin and *Orientia tsutsugamushi*. *Microb Pathog*. 41(4-5):125-32. 2006.

3) Park, Heon Joo (박현주)

* Office : Jungsok Bld B305

* Tel : + 82-32-890-0953

* E-mail : park001@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Biophysical Science (Radiation Biology) / University of Minnesota / USA
- M.S. : Physiology / University of Minnesota / USA
- M.D.: Medicine/ The Catholic University of Korea/ Korea

* Research Area :

The means to enhance the effect of radiotherapy against cancer is investigating. Specifically, we are developing drugs for specific molecular targets in cancer cells and also investigating the feasibility of using NT/BT to improve the delivery of drugs to target tumor cells.

* Academic Works :

- Park HJ, Choi EK, Choi J, Ahn K, Kim EJ, Ji IM, Kook YH, Ahn S, Williams B, Griffin RJ, Boothman DA, Lee CK, Song CW: Heat-induced up-regulation of NAD(P)H:quinone oxidoreductase potentiates anticancer effects of β -lapachone. *Clinical Cancer Res*, 11(24): 8866-8871, 2005.
- Choi EK, Chi IM, Lee SR, Kook YH, Griffin RJ, Lim BU, Kim JS, Lee DS, Song CW, Park HJ: Radiosensitization of tumor cells by modulation of ATM Kinase. *Int J Radiation Biology*, 82(4):277-283, 2006.4
- Choi EK, Terai K, Ji IM, Kook YH, Park KH, Oh ET, Griffin RJ, Lim BU, Kim JS, Lee DS, Boothman DA, Loren M, Song CW, Park HJ: Upregulation of NAD(P)H:quinone oxidoreductase (NQO1) by radiation potentiates the effect of bioreductive B-lapachone against cancer cells. *Neoplasia*, 9: 634-642, 2007.08.

◆ Parasitology

1) Park, Yun Kyu (박윤규)

* Office : Jungsok Bld C503

* Tel : +82-32-890-0000

* E-mail : yunkyu@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Parasitology / Seoul National University / Korea

- M.S. : Parasitology / Seoul National University / Korea

* Research Area :

- life cycle studies about intestinal trematodes

- In vitro cultivation of intestinal trematodes

* Academic Works :

-Host specificity of *Pisidium coreanum* (Bivalvia: Sphaeriidae) to larval infection with a human intestinal fluke *Echinostoma cinetorchis* (Trematoda: Echinostomatidae) in Korea. *J Parasitol*. 2006.

-Encystment and metacercariae development of *Echinostoma cinetorchis* cercariae in an in vitro culture system. *J Parasitol*. 2006.

-Complement-mediated tail degradation of *Neodiplostomum seoulense* cercariae. *Korean J Parasitol*. 2006.

2) Kim, Tong Soo (김동수)

- * Office : Jungsok Bld C503
- * Tel : +82-32-890-0981
- * E-mail : tongsookim@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Parasitology/Chung-Ang University/ Korea
 - M.S. : Zoology/ Chung-Ang University/ Korea
- * Research Area :
 - 관심분야: Promotion for basic and clinical scientific aspects of malaria and food-borne disease concerned to medical importance
 - 연구분야:
 - Pathogenic protein characterization
 - Diagnosis development for tropical and endemic parasitic diseases
- * Academic Works :
 - Estimates of short and long-term incubation periods of Plasmodium vivax malaria in the Republic of Korea. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007
 - Plasmodium vivax: Molecular cloning, expression and characterization of glutathione S-transferase. Experimental Parasitology, 2007
 - Paragonimus westermani: Biochemical and immunological characterizations of paramyosin. Experimental Parasitology, 2007
 - Identification and characterization of a mitochondrial iron-superoxide dismutase of Cryptosporidium parvum. Parasitol Research, 2008
 - Bile components and amino acids affect survival of the newly excysted juvenile Clonorchis sinensis in maintaining media. Parasitol Research, 2008

◆ Pharmacology

1) Park, Chang -Shin(박창신)

- * Office : Jungsuk BD 6th FL
- * Tel : + 82-32-890-0962
- * E-mail : parkshin@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Molecular Genetics / Inha University / Korea
 - M.S. : Cytogenetics / Inha University / Korea

* Research Area :

- Nitric Oxide/ Free Radicals/ Ras
- Pharmacogenomics
- Aging, Inflammation
- Natural Drug Development

* Academic Works :

- Lipid emulsion reverses Levobupivacaine-induced responses in isolated rat aortic vessels. *Anesthesiology*.114(2):293-301, 2011
- Deleterious effects of silymarin on the expression of genes controlling endothelial nitric oxide synthase activity in carbon tetrachloride-treated rat livers. *Life Sci*.85(7-8):281-90, 2009
- Persistent detrusor overactivity in rats after relief of partial urethral obstruction *Am J Physiol Regul Integr Comp Physiol*. 301(4):896-904, 2011

2) Lee, Sung-Keun (이성근)

* Office : Jungsuk BD 6th FL

* Tel : + 82-32-890-0964

* E-mail : sungkeun@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Molecular Genetics / University of Missouri at Columbia / U.S.A.
- M.S. : Biology / Inha University / Korea

* Research Area :

- Aging : DNA repair, DNA damage, cell cycle regulation, toxic materials
- Cancer : DNA repair, DNA damage, cell cycle regulation, toxic materials
- Isolation of aging related biomarkers

* Academic Works :

- Mitotic catastrophe induced by overexpression of budding yeast Rad2p. *Yeast*. 27:399-411. 2010.
- Expression of death receptor 4 induces caspase-independent cell death in MMS-treated yeast. *Biochemical and Biophysical Research Communication*. 376:305-309. 2008.
- Requirement of yeast RAD2, a homolog of human XPG gene, for efficient RNA polymerase II transcription: implications for Cockayne syndrome. *Cell*.109:823-834,2002.

3) Kim, ChaeKyun (김채균)

* Office : Jungsuk BD 6th FL

* Tel : + 82-32-890-0976

* E-mail : chaekyun@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Pharmacy / Seoul National University / Korea

- M.S. : Pharmacy / Seoul National University / Korea

* Research Area :

- Inflammation mechanism and leukocyte signaling pathway

- ROS/RNS activity

- Small GTPase signaling

- Osteoclast differentiation

* Academic Works :

-Taurine chloramines inhibits osteoclastogenesis and lymphocyte proliferation in mice with collagen - induced arthritis. Eur J Pharmacol 668:325-330.2011

-Taurine Chloramine induces heme oxygenase-1 expression via Nrf2 activation in murine macrophages. Int Immunopharmacol 10:440-446.2010

-Impaired NADPH oxidase activity in Rac2-deficient neutrophils is not related to defective translocation of p47phox and p67phox and can be rescued by exogenous arachidonic acid. J Leuk Biol.79:223-234. 2006

4) Kang, Ju-Hee (강주희)

* Office : Jungsuk BD 6th FL

* Tel : + 82-32-890-0963

* E-mail : johykang@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Pharmacology / Inha University / Korea

- M.S. : Pharmacology / Inha University / Korea

* Research Area :

- Three main fields in my researches are 1) Biomarkers discovery and development for early diagnosis of various diseases and therapeutic monitoring 2) Development of

strategies to treat obesity and related diseases, and 3) Pharmacogenomics related to drug metabolism and metabolic syndrome. First, the hope is to discover novel candidate molecules that could serve as potential links between inflammation and the process of metabolic dysfunction and aging, thereby defining novel targets for clinically useful pharmacological intervention and biomarker development.

Another goal is related to clinical pharmacogenomics. Based on the genomic tools, we make efforts to elucidate the clinical meanings of interindividual genetic variations in pharmacological intervention.

* Academic Works :

- Simultaneous analysis of cerebrospinal fluid biomarkers using microsphere-based xMAP multiplex technology for early detection of Alzheimer's disease. *Methods*, in press, 2012.
- Bupropion, an atypical antidepressant, induces endoplasmic reticulum stress and caspase-dependent cytotoxicity in SH-SY5Y cells. *Toxicology*, 285:1-7, 2011
- Novel black soy peptides with antiobesity effects: activation of leptin-like signaling and AMP-activated protein kinase. *Int J Obesity*.32:1161-1170,2008.
- Genetic Polymorphisms in the ABCB1 Gene and the Effects of Fentanyl in Koreans. *Clin Pharmacol Ther*.81:539-546,2007.
- Excessive nitric oxide attenuates leptin-mediated signal transducer and activator of transcription 3 activation. *Life Sci*.80:609-617,2007.

5) Cha, Seok Ho (차석호)

* Office : Jungsuk BD 5th FL

* Tel : +82-32-890-0957

* E-mail : shcha@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Pharmacology / University of Tokyo/ Japan

- M.S. : Biology/ Chungnam National University/ Korea

* Research Area : Drug transporter protein, Renal pharmacology, Molecular pharmacology

* Academic Works :

- Identification and characterization of single nucleotide polymorphisms of SLC22A11 (hOAT4) in Korean women osteoporosis patients. *Molecules and Cells*. 30;25(2):265-271. 2008.

- Molecular identification of a renal urate anion exchanger that regulates blood urate levels.

Nature. 23:417(6887):447-452, 2002.

- Molecular cloning and characterization of multispecific organic anion transporter 4 expressed in the placenta. Journal of Biological Chemistry, 275:4507-4512, 2000.

◆Social and Preventive Medicine

1) Leem, Jong Han (임종한)

* Office : Jungsuk BD C-7F

* Tel : + 82-32-890-3539

* E-mail : keeper@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Occupational & Environmental Medicine / Yonsei University / Korea

- M.S. : Occupational & Environmental Medicine / Yonsei University / Korea

* Research Area : Environmental Epidemiology (including Molecular Epidemiology) about air pollution and environmental chemicals, such as Environmental Disrupting Chemicals and Heavy Metals.

* Academic Works :

- Leem JH, Kaplan BM, Shim YK, Pohl HR, Gotway CA, Bullard SM, Rogers JF, Smith MM, Tylanda CA. Exposures to air pollutants during pregnancy and preterm delivery. Environ Health Perspect. 2006 Jun;114(6):905-10.

- Leem JH, Kim JH, Lee KH, Hong Y, Lee KH, Kang D, Kwon HJ. Asthma attack associated with oxidative stress by exposure to ETS and PAH. J Asthma. 2005 Jul-Aug;42(6):463-7.

- Leem JH, Hong YC, Lee KH, Kwon HJ, Chang YS, Jang JY. Health survey on workers and residents near the municipal waste and industrial waste incinerators in Korea. Ind Health. 2003 Jul;41(3):181-8.

- Leem JH, Kim HC, Lee JY, Sohn JR. Interaction between bronchiolitis diagnosed before 2 years of age and socio-economic status for bronchial hyperreactivity. Environ Health Toxicol. 2011;26:e2011012.

2) Lee , Hun Jae (이훈재)

* Office : Jungsuk BD C-3F

* Tel : + 82-32-890-0971

* E-mail : lee4146@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Epidemiology / Hallym Univ / Korea

- M.S. : Public Health / Seoul National Univ / Korea

* Research Area : Infectious disease epidemiology, public health surveillance

* Academic Works :

- Nationwide survey on the human right of person living with HIV/AIDS. National Human Rights Commission of Korea. 2006

- Fundamentals of clinical research. Korean Endocrine Society. 2007

- Effects of comorbidity and smoking on the survival of lung cancer patients. Journal of Clinical Oncology. 24:5468-5469, 2006

3) Park, Shin Goo(박신구)

* Office : Jungsuk BD C-812d

* Tel : + 82-32-890-3572

* E-mail : oem@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : preventive medicine /kyung pook National university Graduation School / Koera

- M.S. : preventive medicine /kyung pook National university Graduation School / Koera

Education(Counseling therapy)/Inha university Graduation School / Koera

- M.D.: kyung pook National University College of Medicine / Korea

* Research Area : occupational & environmental medicine

Job stress

Work related musculoskeletal disease

* Academic Works

- Job stress and depressive symptoms among Korean employees: the effects of culture on work / Int Arch Occup Environ Health. 2008 Jul 12. [Epub ahead of print]

- A case of occupational allergic contact dermatitis due to PVC hose / J Occup Health. 2008 Mar;50(2):197-200

- The effect of lowering the threshold for diagnosis of impaired fasting glucose / Yonsei Med J. 2008 Apr 30;49(2):217-23

4) Hwang, Seung Sik (황승식)

* Office : Jungsuk BD C-3F,

* Tel : + 82-32-890-0972

* E-mail : cyberdoc@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Preventive medicine / Seoul National University College of Medicine / Republic of Korea

- M.S. : N/A, (석박사 통합과정 수료)

- M.D. : SeoulNationalUniversityCollege of Medicine / Republic of Korea

* Research Area :

- Epidemiologic methods development

- Research designing clinical research

- Biostatistics

* Academic Works

- Jun Yim, Seung-sik Hwang, Keun-young Yoo et al. Contribution of income-related inequality and healthcare utilisation to survival in cancers of the lung, liver, stomach and colon. Journal of Epidemiology and Community Health 2012;66:37-40

- Ki Ok Ahn, Sang Do Shin, Seung Sik Hwang et al. Association between deprivation status at community level and outcomes from out-of-hospital cardiac arrest: A nationwide observational study. Resuscitation 2011;82:270-276

- HR Kim, SS Hwang, EC Kim et al. Risk factors for multidrug-resistant bacterial infection among patients with tuberculosis. Journal of Hospital Infection 2011;77:134-137

◆ Internal Medicine

1) Park ,Keum Soo (박금수)

* Office : Jung-Seok Bld 606-4

*Tel : + 82-32-890-3492

*E-mail : kspark@inha.ac.kr

*Homepage : <http://www.inhaheart.co.kr/>

*Educational Background

- Ph.D : Medical Science / Korea University / Korea

- M.S. : : Medical Science / Yonsei University / Korea

* Research Area : Interventional Cardiology

* Academic Work

- Reproducibility of TI-201 and Tc-99m sestamibi gated myocardial perfusion SPECT measure of myocardial function. JOURNAL OF NUCLEAR CARDIOLOGY. 2001.3;8(2);

182-187

-Early dipyridamole stress myocardial SPECT to detect residual stenosis of infarct related artery : comparison with coronary angiography and fractional flow reserve.

KOREAN JOURNAL OF INTERNAL MEDICINE.2002.3;17(7):7-13

-A double-blind, randomised- placebo, controlled, parallel group, multicentre, flexible-dose escalation study to assess the efficacy and safety of sildenafil administered as required to male outpatients with erectile dysfunction in Korea. INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH.2003.4;15(2):80-86

2) Kwan, Jun (권준)

*Office : Jung-Seok Bld 605-7

*Tel : + 82-32-890-2453

*E-mail : kuonmd@inha.ac.kr

*Homepage : <http://www.inhaheart.co.kr/>

*Educational Background :

- Ph.D : Internal medicine / Korea University / Korea

- M.S. : Internal medicine / Yonsei University / Korea

* Research Area : Echocardiography (3 Dimensional Echocardiography)

* Academic Work :

- 3D Geometry of A Normal Tricuspid Annulus during Systole; A Comparison Study with The Mitral Annulus Using Real-time 3D Echocardiography. Eur J Echocardiogr. 2007;8:375-83.

- Geometric Predictor of Significant Mitral Regurgitation in Patients with Severe Ischemic Cardiomyopathy, Undergoing Dor Procedure: A Real-time 3D Echocardiographic Study. European Journal of Echocardiography. 2007;8: 195-203.

- Geometric changes of mitral annulus assessed by real-time 3D echocardiography: Becoming enlarged and less non-planar in the antero-posterior direction during systole in proportion to global LV systolic function. 2004;17(11):1179-84.

- Geometric Differences of the Mitral Apparatus Between Ischemic and Dilated Cardiomyopathy With Significant Mitral Regurgitation: Real-Time Three-Dimensional Echocardiography Study. Circulation 2003; 107: 1135 - 1140

3) Kim, Dae Hyeok (김대혁)

* Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2451, 2440

*E-mail : kdhmd@inha.ac.kr

*Homepage :

*Educational Background :

- Ph.D : Internal Medicine/ Inha University / Korea

- M.S. : Internal Medicine/ Inha University / Korea

* Research Area : Arrhythmia, Intervention cardiology

* Academic Work :

-Calcium dynamics and the mechanism of atrioventricular junctional rhythm. J Am Coll Cardiol 2010;56:805-12

- Intrinsic cardiac nerve activity and paroxysmal atrial tachyarrhythmia in ambulatory dogs. Circulation 2010;121:2615-2623

-Effect of early losartan therapy on ventricular late potentials in acute myocardial infarction. Ann Noninvasive Electrocardiol 2008;13:371-377

- The Relationship between the left atrial volume and the maximum P-wave and P-wave dispersion in patients with congestive heart failure. Yonsei Medical Journal.2007;48:810-817

- Change of the P wave duration and P wave dispersion according to treatment strategy in patients with acute myocardial infarction. Korean Journal of Medicine. 2007;73:489-495.

- Follow-up of a Group of Patients with Automatic Implantable Defibrillator. Korean Circulation J 2005;35(1):69-83.

4) Woo, Seong III(우성일)

* Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2445

*E-mail : siwoo@inha.ac.kr

*Homepage :

*Educational Background :

- M.S. : Internal Medicine/ Ajoo University / Korea

* Research Area :

* Academic Work :

- Comparison of accuracy in the prediction of left ventricular wall motion changes between invasively assessed microvascular integrity indexes and fluorine-18 fluorodeoxyglucose positron emission tomography in patients with ST-elevation myocardial infarction, AMERICAN JOURNAL OF CARDIOLOGY, 102, pp129~134, 2008

5) Shin, Sung-Hee(신성희)

* Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2200

*E-mail : sshin@inha.ac.kr

*Homepage :

*Educational Background :

- Ph.D : Internal medicine / Korea University / Korea

- M.S. : Internal medicine / Korea University / Korea

* Research Area : Non-invasive cardiac imaging (including echocardiography), Heart failure

* Academic Work :

- Left ventricular systolic and diastolic function, remodeling, and clinical outcomes among patients with diabetes following myocardial infarction and the influence of direct rennin inhibition with aliskiren. Eur J Heart Fail . 2012;14:185-92

- Cardiac structure and function remodeling, and clinical outcomes among patients with diabetes after myocardial infarction complicated by left ventricular systolic dysfunction, heart failure, or both. Am Heart J. 2011;162:685-91

- Effect of the direct rennin inhibitor aliskiren on left ventricular remodeling following myocardial infarction with systolic dysfunction. Eur Heart J. 2011;32(10):1227-34

- Longitudinal and Circumferential Strain Rate, Left ventricular Remodeling and Prognosis after Myocardial infarction. J Am Coll Cardiol. 2010; 25(10):1405-10

- Mechanical dyssnchorony after myocardial infarction in patient with left ventricular dysfunction, heart failure, or both. Circulation. 2010;121:1196-1103

- Left atrial volume is a predictor of atrial fibrillation recurrence after catheter ablation. J Am soc Echocardiogr.2008;21(6):697-702

6) Shin, Yong Woon (신용운)

*Office Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548,2246

*E-mail : ywshin@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine/ Yonsei University / Korea

-M.S : Internal Medicine/ Yonsei University / Korea

*Research Area : Gastrointestinal Disease drug delivery system

*Academic Work :

- Effects of Concentration and Acidification of Bile on Formation of Gallstones Korean J Gastroenterol 1995;27:338 - 344

7) Kim, Young Soo (김영수)

*Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548,2249

*E-mail : yskim114@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D: Internal Medicine/ Chonnam National University /Korea

- M.S : Internal Medicine/ Yonsei University / Korea

*Research Area : Research Area : Gastrointestinal Disease drug delivery system, Liver fibrosis

*Academic Work :

- Gallbladder Sludge : Lessons from ceftriaxone. Journal of Gastroenterology and hepatology 7, p. 618, 1992

- Biliary Sludge : Curiosity or Culprit~ Hepatology 20(2) p523, 1994

- Watching Nucleation of cholesterol with Dehydroergosterol. A Fluorescent probe. Gastroenterology 106(4). P A343. 1994

8) Lee, Don Haeng (이돈행)

*Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548,2246

*E-mail : ldh@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine/ Yonsei University / Korea

-M.S : Internal Medicine/ Yonsei University / Korea

*Research Area : Gastrointestinal Disease drug delivery system

*Academic Work :

- Intrahepatic Cholangiocellular Carcinoma Korean J Gastroenterol 1995;27: 679 - 689

- Drug-eluting Stent in Gastrointestinal Disease. THE KOREAN JOURNAL OF GASTROENTEROLOGY 2007;49:294-299

9) Kim, Hyung Gil (김형길)

*Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548,2248

*E-mail : kimhg@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine /Korea University / Korea

-M.S : Internal Medicine/ Yonsei University / Korea

*Research Area : Gastrointestinal Disease drug delivery system

*Academic Work :

- Detection of Helicobacter pylori Antigen in Stool by Enzyme Immunoassay YONSEI

MEDICAL JOURNAL

10) Kwon, Kye Sook (권계숙)

*Office : Jung-Seok Bld 7th floor

*Tel : + 82-32-890-2548,2224

*E-mail : kskwon@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine / Ewha Womans University / Korea

-M.D. : Internal Medicine/ Korea University / Korea

*Research Area : Gastrointestinal Disease drug delivery system

*Academic Work

- The Ballooning Time in Endoscopic Papillary Balloon Dilation for the Treatment of Bile Duct Stones. The Korean journal of internal medicine 2010;25(3):239-245

- Identification of Helicobacter pylori in Gallstone, Bile, and Other Hepatobiliary Tissues of Patients with Cholecystitis Gut and Liver, Vol. 4, No. 1, March 2010, pp. 60-67

- Histopathology and TB-PCR kit analysis in differentiating the diagnosis of intestinal tuberculosis and Crohn's disease. WORLD JOURNAL OF GASTROENTEROLOGY 2010;16:2496-2503

- Ischemic biliary stricture developed after repeated transcatheter arterial chemoembolization diagnosed by percutaneous transhepatic cholangioscopy in a patient with hepatocellular carcinoma, GASTROINTESTINAL ENDOSCOPY, 68, pp1224~1226, 2008

11) Lee, Jin Woo (이진우)

*Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548, 3487

*E-mail : jin@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine / Inha University / Korea

*Research Area : Hepatic carcinogenesis, Viral Hepatitis, Drug delivery system

* Activities :

Member of Korean Society of Hepatology

Member of The Korean Liver Cancer Study Group

Member of Korean Society of Gastrointestinal Endoscopy

Member of Korean Society of Gastroenterology

Member of Korean Association of Internal Medicine

*Academic Work:

1. Analysis of survival in very early hepatocellular carcinoma after resection. J Clin Gastroenterol. 2011 Apr;45(4):366-71.
2. Effect of alcohol on the development of hepatocellular carcinoma in patients with hepatitis B virus-related cirrhosis: a cross-sectional case-control study. Korean J Hepatol. 2010 Sep;16(3):308-14.
3. Treatment update on portal hypertension and complications. Korean J Gastroenterol. 2010 Sep;56(3):144-54.
4. Identification of Helicobacter pylori in Gallstone, Bile, and Other Hepatobiliary Tissues of Patients with Cholecystitis. Gut Liver. 2010 Mar;4(1):60-7.
5. The Ballooning Time in Endoscopic Papillary Balloon Dilation for the Treatment of Bile Duct Stones. The Korean journal of internal medicine 2010;25(3):239-245
6. The diagnosis of nonalcoholic fatty liver disease. The Korean Journal of Internal Medicine. 2010;79(5):475-480
7. Pretreatment alanine transaminase level may not be the most important predictor of hepatitis B envelope antigen loss in the older patient., LIVER INTERNATIONAL, pp231~236, 2009
8. Efficacy and Tolerability of Peginterferon Alpha Plus Ribavirin in the Routine Daily Treatment of Chronic Hepatitis C Patients in Korea: A Multi-Center, Retrospective Observational Study. Park SH, Park CK, Lee JW, et al. Gut and Liver, Published online December 12, 2011

12) Jeong, Seok (정석)

*Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548,2248

*E-mail : inos@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine / Inha University / Korea

*Research Area : Gastrointestinal Disease drug delivery system

*Academic Work:

- Hepatocellular carcinoma invading the fourth branch of the left intrahepatic duct

GASTROINTESTINAL ENDOSCOPY

- Primary endoscopic approximation suture under cap-assisted endoscopy of an ERCP-induced duodenal perforation. World J Gastroenterol. 2010;16(18):2305-2310

- Multifunctional doxorubicin loaded superparamagnetic iron oxide nanoparticles for chemotherapy and magnetic resonance imaging in liver cancer. Biomaterials.

2010;31(18):4995-5006

- Curved Planar Reformatted Images of MDCT for Differentiation of Biliary Stent Occlusion in Patients With Malignant Biliary Obstruction. AJR. 2010;194:1509-1514

- Concurrent Chemoradiation in a Patient with Unresectable Cholangiocarcinoma. Gut and Liver, 2010: 4(1);103-105

13) Bang, Byoung Wook (방병욱)

* Office : Jungsuk building room 605

* Tel : + 82-32-890-2548

* E-mail : bangbu@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- M.S. : Internal Medicine / Inha University

- M.D. : Medicine / Inha University

* Research Area : Gastrointestinal tract disease, endoscopy

* Academic Works :

-The ballooning time in endoscopic papillaryballoon dilation for the treatment of bile duct stones. Korean Journal of Internal medicine 2010

- Primary endoscopic approximation suture under cap-assisted endoscopy of an ERCP-induced duodenal perforation. World journal of Gastroenterology 2010

- Curved multiplanar reformatted images of multi-detector CT for differentiation of biliary stent occlusion in patients with malignant biliary obstruction. The American Roentgen Ray Society 2010

14) Lee, Hong-Lyeol (이홍렬)

*Office: Medical College Building C-Dong 606-3

*Tel: + 82-32-890-3491, 2209

*E-mail: hllee@inha.ac.kr

*Homepage: <http://med.inha.ac.kr/>

*Educational Background :

-Ph.D.: Pulmonology, Internal Medicine / Yonsei University / Korea

-M.S. : Pulmonology, Internal Medicine / Yonsei University / Korea

*Research Area: Pulmonary and Critical Care Respiratory Medicine, Interstitial lung diseases

*Academic Work

- Familial idiopathic pulmonary fibrosis: clinical features and outcome. Chest 127: 2034-2041, 2005
- A case of pulmonary inflammatory pseudotumor : recurrence appearing as several consolidative lesions after complete resection. Korean J Intern Med 20: 168-172, 2005
- Effects of the mutations of the p53 tumor suppressor gene and the K-ras gene on clinical manifestation in non-small lung cancer. Korean J Intern Med 55: 854-767, 1998

15) Kwak, Seung Min(곽승민)

* Office : 802, Medical College Building C-Dong

*Tel : + 82-32-890-3562

*E-mail : smkwak@inha.ac.kr

*Homepage :

*Educational Background

- Ph.D : Internal medicine / Yonsei University / Korea

- M.S. : Internal medicine / Yonsei University / Korea

* Research Area : Repiratology and critical care/ Lung cancer

* Academic Work

- The role of the PET-CT in staging of lung cancer The Korean journal of medicine 2006.12 627-634
- The effects of urokinase instillation therapy via percutaneous transthoracic catheter in loculated tuberculous pleural effusion:A randomized prospective study .YONSEI MEDICAL JOURNAL 2004.10 821-828
- The Effects of Insulin-like Growth Factor-I (IGF-I) in Mouse Lung Cancer Cells Cancer Research and Treatment 2002.4 122-127

16) Ryu, Jeong Seon(류정선)

*Office : Jung-Seok Bld 7th floor

*Tel : + 82-32-889-3738

*E-mail : jsryu@inha.ac.kr

*Homepage :

*Educational Background

- Ph.D : Pathology/ Inha University / Korea

- M.S. : Internal Medicine / Yonsei University / Korea

* Research Area : Lung Cancer, Biomarker, Pharmacogenomics

* Academic Work

-Differential effect of polymorphisms of CMPK1 and RRM1 on survival in advanced non-small cell lung cancer patients treated with gemcitabine or taxane/cisplatinum. J Thorac Oncol. 2011 Aug;6(8):1320-9.

-The 5p15.33 locus is associated with risk of lung adenocarcinoma in never-smoking females in Asia. PLoS Genet. 2010 Aug 5;6(8). pii: e1001051.

- Effect of BRCA1 haplotype on survival of non-small-cell lung cancer patients treated with platinum-based chemotherapy. J Clin Oncol. 2008 Dec 20;26(36):5972-9.

17) Cho, Jae Hwa (조재화)

* Office : Medical College Building C-Dong 606

*Tel : + 82-32-890-3490

*E-mail : jaehwa.cho@inha.ac.kr

*Homepage :

*Educational Background

- Ph.D : Internal Medicine / Ulsan University / Korea

- M.S. : Internal Medicine / Yonsei University / Korea

* Research Area : Pulmonology, Critical Care

* Academic Work

-Inhaled nitric oxide improves the survival of the paraquat-injured rats, VASCULAR PHARMACOLOGY, 42 (4) : 171-178, 2005

-Incidence of Methicilline Resistant Staphylococcus aureus in patient admitted medical intensive care unit., Tuberculosis and respiratory disease, 59:151-156, 2005

-A case of Pulmonary Cryptococcosis with Non Small cell Lung Cancer in Idiopathic CD4+ T Lymphocytopenia, YONSEI MEDICAL JOURNAL, 46 (1) :173-176, 2005.

18) Nam, Hae-Seong (남해성)

- * Office :Jungsuk building room 802
- * Tel : + 82-32-890-3481
- * E-mail : hsnam@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Internal Medicine / Sungkyunkwan University
 - M.S. : Internal Medicine / The Catholic University
- * Research Area : Lung cancer and Diagnostic & Therapeutic bronchoscopy
- * Academic Works :
 - Differential Effect of Polymorphisms of CMPK1 and RRM1 on Survival in Advanced Non-small Cell Lung Cancer Patients Treated with Gemcitabine or Taxane/Cisplatinum, JOURNAL OF THORACIC ONCOLOGY, vol.6 No.8, 1320~1329, 2011
 - Erlotinib-Related Spontaneous Pneumothorax in Patient with Primary Lung Cancer, Tuberculosis and Respiratory Diseases, vol.69 No.6, 465~468, 2010
 - A Nationwide Survey of Lymphangioliomyomatosis in Korea: Recent Increase in Newly Diagnosed Patients, JOURNAL OF KOREAN MEDICAL SCIENCE, Vol.25 No.8, 1182~1186, 2010

19) Kim, Yong Seong (김용성)

- * Office : Inha University Hospital
- * Tel : + 82-32-890-3498
- * E-mail : yongskim@inha.ac.kr
- * Homepage : <http://www.inha.com>
- * Educational Background :
 - Ph. D : Endocrinology & Metabolism / Internal Medicine / Chung Ang University / Korea
 - M.S. : Endocrinology & Metabolism / Internal Medicine / Chung Ang University / Korea
- * Research Area : Diabetes , Obesity, Metabolic syndrome
- * Academic Works :
 - The effect of lowering the threshold for diagnosis of impaired fasting glucose. Yonsei Med J 49(2):217-223, 2008
 - The percent change of body weight in patients with type 2 diabetes using rosiglitazone for 1 year. J Kor Diabetes Assoc 30:47-53, 2006
 - High carbohydrate diet effect on the development of diabetes mellitus and modification of pancreatic islets in OLETF rats. J Kor Diabetes Assoc 28:187-198, 2004

20) Nam, Moon Suk (남문석)

* Office : JungSuk C606

*Tel : + 82-32-890-3495, 2461

*E-mail : namms@inha.ac.kr

*Homepage :

*Educational Background

- Ph.D : Diabetes and Metabolism / Yonsei University / Korea

- M.S. : Internal Medicine / Yonsei University / Korea

* Research Area : Diabetes, Clinical Trial

* Academic Work

- Examination of candidate chromosomal regions for type 2 diabetes reveals a susceptibility locus on human chromosome 8p23.1. Diabetes 53(2): 486-91, 2004.

- A novel 111/121 diplotype in the Calpain-10 gene is associated with type 2 diabetes. J Hum Genet 51 (7):629-33, 2006

- The effect of lowering the threshold for diagnosis of impaired fasting glucose. Yonsei Med J. 49(2):217-23.2008.

21) Hong, Seong Bin (홍성빈)

* Tel : + 82-32-890-3494

* E-mail : sbhongmd@inha.ac.kr

* Homepage : <http://>

* Educational Background:

- Ph. D : Inha University School of medicine

- M.S. : Inha University School of medicine

* Research Area : Osteoporosis, Metabolic bone disease, Thyroid disease

* Academic Works :

Scientific journal

-Relationship between bone mineral density, erythropoiesis, and calcium-phosphorus-parathyroid hormone status in end-stage renal disease patients Korean J Bone Metab 2011 18(2):93-99

- Plasma markers of oxidative stress, inflammation and endothelial cell injury in diabetic patients with overt nephropathy administered alpha-lipoic acid and angiotensin II receptor blocker Mol Cell Toxicol 2010 6:179-185

- R1467H Variants of Rho Guanine Nucleotide Exchange Factor 11 (ARHGEF11) are Associated with Type 2 Diabetes Mellitus in Koreans. Korean Diabetes J. 2010

Dec;34(6):368-73

- Liquid calcium fertilizer intoxication. Clin Toxicol (Phila). 2010 Jun;48(5):466-7.

- A case of Sheehan's syndrome with central diabetes insipidus showing hemorrhagic pituitary apoplexy. Korean J Med. 2010 May;78(5):630-634

22) Kim, So Hun (김소현)

* Office : Jungsuk building room 8-1

* Tel : +82-32-890-3573

* E-mail : shoney@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph.D : Internal Medicine / Yonsei University

- M.S : Internal Medicine / Yonsei University

- M.D : Medicine / Yonsei University

* Research Area : Diabetes mellitus, Endocrinology and metabolism

* Academic Works :

- Natural therapeutics magnesium lithospermate B potently protects the endothelium from hyperglycaemia-induced dysfunction / Cardiovascular research 2010;87:713-722

-Adiponectin gene polymorphism 45T>G is associated with carotid artery plaques in patients with type 2 diabetes mellitus. Metabolism 2008;57:274-9

-The effect of lowering the threshold for diagnosis of impaired fasting glucose. Yonsei Med J. 2008;49:217-23.

- Effects of lifestyle medication on metabolic parameters and carotid intima-media thickness in patients with type 2 diabetes mellitus 2006;55:1053-9.

23) Kim, Moon Jae (김문재)

* Office : Inha University Hospital Kidney Center

*Tel : + 82-32-890-2538

*E-mail : nhkimj@inha.ac.kr

*Homepage :

*Educational Background :

- Ph.D : Medical Science / Yonsei University / Korea

- M.S. : Medical Science / Yonsei University / Korea

* Research Area : Nephrology, Hypertension, Transplantation

* Academic Work :

- Kim MJ. Current controversies over the management of elderly hypertension with impaired renal function. J Korean Soc Hypertens 2011;17(4):148-155
- Kweon,SH, SWLee, JHSong, MJ Kim. PD Catheter Insertion Using a Double-Lumen Hemodialysis Catheter: An Alternative to the Peel-Away Sheath Method. Peritoneal Dialysis International. 2011;31(3):353-358
- Kim MJ. Does dual renin-angiotensin system blockade therapy have still value in the management of chronic kidney disease with proteinuria after ONTARGET Study? J Korean Soc Hypertension. 2010;16(3):6-13
- Kim DY, Lee SW, Kwon SH, Song JH, Kim, MJ. Effect of anti-embolism stocking on intrasession hemodynamic variables in hemodialysis patients. The Korean Journal of Nephrology 2010; 29: 593-599
- Lee SW, Joo WC, Kwon SH, Lee JW, Song JH. The use of single-pass albumin dialysis to correct severe hyperbilirubinemia in acute hepatitis A. The Korean Journal of Nephrology 29:2:260-264

24) Lee, Seoung-Woo (이승우)

* office : 606-1, Jungsuk building,

* Tel: + 82-32-890-2537

* E-mail: swleemd@inha.ac.kr

* Homepage: (-)

* Educational background :

- Ph.D. : Physiology / Yonsei University / Korea

- M.S. : Internal Medicine / Yonsei University / Korea

* Research area : Hemodialysis, Nutrition in chronic kidney disease

* Academic work :

-Lee SW, Song JH, Kim GA, Lee KJ, Kim MJ. Assessment of total body water from anthropometry-based equations using bioelectrical impedance as reference in Korean adult control and haemodialysis subjects. Nephrol Dial Transplant 2001; 16: 91-97

-Lee SW, Song JH, Kim GA, Lim HJ, Kim MJ. Plasma brain natriuretic peptide concentration on assessment of hydration status in hemodialysis patient. Am J Kidney Dis 2003; 41: 1257-1266

-Lee SW, Park GH, Lee SW, Song JH, Hong KC, Kim MJ. Insulin resistance and muscle wasting in non-diabetic end-stage renal disease patients. Nephrol Dial Transplant 2007; 22: 2554-2562

25) Song, Joon Ho (송준호)

* Office : Jung-Seok Bld 6th floor:

* Tel : +82-32-890-3486

* E-mail : jhsong@inha.ac.kr

* Homepage : <http://>

* Educational Background :

Medical Doctor, Inha Univ. School of Medicine, Incheon, Korea, 1991

Bachelor of Medicine, Department of Physiology & Biophysics, Inha Univ. School of Medicine, Incheon, Korea, 1996

Ph.D of Medicine, Department of Physiology & Biophysics, Inha Univ. School of Medicine, Incheon, Korea, 2002

* Research Area :

Nephrology, Kidney disease, Dialysis

* Academic Works :

Song JH, Humes HD. The Bioartificial Kidney in the Treatment of Acute Kidney Injury Current Drug Targets, 2009 Nov 10 (12), 1227-1234

Humes HD, Sobota JT, Ding F, Song JH; RAD Investigator Group. A selective cytopheretic inhibitory device to treat the immunological dysregulation of acute and chronic renal failure. Blood Purif. 2010 Jan 29(2):183-90.

Song JH, Humes HD. Renal cell therapy and beyond. Semin Dial. 2009 Nov-Dec;22(6):603-9.

Humes HD, Ding F, Song JH. Dialysis dosing in critically ill patients with acute kidney injury. Am J Kidney Dis. 2008 Oct;52(4):649-52.

Song JH, Cha SH, Hong SB, Kim DH. Dual blockade of the renin-angiotensin system with angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers in chronic kidney disease. J Hypertens Suppl. 2006 Mar;24(1):S101-6.

Song JH, Cha SH, Lee HJ, Lee SW, Park GH, Lee SW, Kim MJ. Effect of low-dose dual blockade of renin-angiotensin system on urinary TGF-beta in type 2 diabetic patients with advanced kidney disease. Nephrol Dial Transplant. 2006 Mar;21(3):683-9.

26) Kim, Chul Soo (김철수)

* Office : Inha University Hospital Comprehensive Cancer Center

*Tel : + 82-32-890-2580

*E-mail : cskimmd@inha.ac.kr

*Homepage : <http://cancer.inha.com/>

*Educational Background

- M.D. : Medicine / Seoul National University / Korea
- Ph.D : Medicine / Seoul National University / Korea
- * Research Area : Hematology/Oncology, Blood Stem Cell Transplant

* Academic Work

- DAAM2 polymorphism is closely related to the clinical outcomes of allogeneic hematopoietic stem cell transplantation. Ann Hematol in Press
- Trough plasma imatinib levels are correlated with optimal cytogenetic responses at 6 months after treatment with standard dose of imatinib in newly diagnosed chronic myeloid leukemia. Leuk Lymphoma 2011; 52(6): 1024-1029
- Korean guidelines for the prevention of venous thromboembolism. J Korean Med Sci 2010; 25 (11): 1553-1559

27) Lee, Moon Hee(이문희)

* Office : Comprehensive cancer center, Inha University Hospital

*Tel : + 82-32-890-2580

*E-mail : moonhlmd@inha.ac.kr

*Homepage : <http://cancer.inha.com>

*Educational Background

- Ph.D : Internal Medicine / Hallym University / Korea
- M.S. : Internal Medicine / Hallym University / Korea

* Research Area : Clinical Oncology, Hematology

* Academic Work

- Variations of clonal marrow stem cell lines established from human bone marrow in surface epitopes, differentiation potential, gene expression, and cytokine secretion. Stem Cells And Development. In press 2008
- Chondrogenic differentiation of human umbilical cord blood-derived multilineage progenitor cells in atelocollagen. Cytotherapy vol 10, No.2, 165-173, 2008
- Clinical features and prognosis of patient with chromosome 5 abnormalities: results of multi-center analysis in Korea. LEUKEMIA RESEARCH Vol. 31(1) S47, 2007

28) Yi, Hyeon Gyu (이현규)

* Office : Comprehensive cancer center, Inha University Hospital

*Tel : + 82-32-890-2580

*E-mail : visionyhg@daum.net

*Homepage : <http://cancer.inha.com/>

*Educational Background :

- Ph.D. : Pharmacology / Inha University / Korea
- M.D. : Medicine / Inha University / Korea
- * Research Area : Clinical Oncology, Hematology, Pharmacology
- * Academic Work :
 - DAAM2 polymorphism is closely related to the clinical outcomes of allogeneic hematopoietic stem cell transplantation.
 - Ann Hematol. 2011 Sep 10. [Epub ahead of print]
 - Epidermal growth factor receptor (EGFR) tyrosine kinase inhibitors (TKIs) are effective for leptomeningeal metastasis from non-small cell lung cancer patients with sensitive EGFR mutation or other predictive factors of good response for EGFR TKI.
 - Lung Cancer. 2009 Jul;65(1):80-4.
 - Flavin-containing monooxygenase activity can be inhibited by nitric oxide-mediated S-nitrosylation.
 - Life science, Vol. 8;75, pp2559-2572, 2004
 - Ethnic differences in allelic frequency of two flavin-containing monooxygenase 3 (FMO3) polymorphisms: linkage and effects on in vivo and in vitro FMO activities.
 - Pharmacogenetics. Vol.12(1) pp77-80, 2002

29) Lim, Joo Han (임주한)

- * Office : Cancer Center, Inha University Hospital
- * Tel : + 82-32-890-2582
- * E-mail : limjh@inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - Ph. D : Internal Medicine / Inha University
 - M.S. : Internal Medicine / Inha University
- * Research Area : Development of tailored therapy through translational research and clinical trials
- * Academic Works :
 - Plasmablastic lymphoma in the anal canal. CANCER RESEARCH AND TREATMENT, 41, pp182-185, 2009
 - Recurred small hepatocellular carcinoma as a solitary lymph node metastasis after hepatic resection, KOREAN JOURNAL OF GASTROENTEROLOGY, 50, pp66-69, 2007
 - Palliative chemotherapy for patients with recurrent hepatocellular carcinoma after liver transplantation, JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, 24, pp800-805, 2009
 - Weekly low-dose docetaxel for salvage chemotherapy in pretreated elderly or poor

performance status patients with non-small cell lung cancer, JOURNAL OF KOREAN MEDICAL SCIENCE. 23, pp992-998, 2009

- Risk factors for bacterial pneumonia after cytotoxic chemotherapy in advanced lung cancer patients, LUNG CANCER, 62, pp381-384, 2008

30) Lee, Jin Soo (이진수)

* Office : Department of Internal medicine, Inha University Hospital

*Tel : + 82-32-890-3616

*E-mail : ljinsoo@medimail.co.kr

*Homepage :

*Educational Background :

- Ph.D : Infectious disease/ Korea University / Korea

- M.S. : Infectious disease / Korea University / Korea

* Research Area : infectious diseases

* Academic Work

- Influenza surveillance in Korea: establishment and first results of an epidemiological and virological surveillance scheme. Epidemiol Infect. 2007 Feb 12;:1-7

-Japanese spotted fever, South Korea 2006 Emerg Infect Dis. 12(7):1122-4

-National Questionnaire Survey on Managing Patients with Severe Acute Respiratory Syndrome, 2003. Infect Chemother. 2004 Jun;36(3):132-138

31) Park, Won (박원)

* Office : JeongSeok Building 605-2

*Tel : + 82-32-890-3483

*E-mail : parkwon@inha.ac.kr

*Homepage : <http://inha.com/>

*Educational Background :

- Ph.D : Preventive Medicine /Korea University / Korea

- M.S. : Preventive Medicine /Korea University / Korea

* Research Area : Rheumatoid arthritis, Osteoporosis, Osteoimmunology

* Academic Work :

- Inorganic pyrophosphate generation from adenosine triphosphate by cell-free human synovial fluid. 23(7):1233-1236, 1996 J Rheumatol

- Co-stimulatory pathways controlling activation and peripheral tolerance of human CD4+ CD28- T cells. 27(5):1082-1090, 1997 Eur. J. Immunol.

- IgG antibodies to type II collagen reflect inflammatory activity in patients with rheumatoid arthritis. JOURNAL OF RHEUMATOLOGY vol.27, No.3: 575-581, 2000

32) Kwon ,Seong Ryul (권성렬)

* Office : JeongSeok Building 801

*Tel : + 82-32-890-3561

*E-mail : rhksr@inha.ac.kr

*Homepage :

*Educational Background :

- Ph.D : Rheumatology/Internal Medicine/ Inha University / Korea

- M.S. : Rheumatology/Internal Medicine /Inha University / Korea

* Research Area : Rheumatoid arthritis, SLE, Raynaud's phenomenon.

* Academic Work :

- Decreased protein S activity is related to the disease activity of Behcet's disease.
Rheumatol Int. 27: 39-45, 2006

- Rapid Improvement of Distal Vasculitis in PAN Related to Hepatitis B with Alprostadil
Infusion. Rheumatol Int. 26: 928-932, 2006

- The Osteoclast Development in Patients with Rheumatoid Arthritis and the Influence of
the Bisphosphonate on Its Development. JKRA 14(1):31-42, 2007

33) Lim, Mie Jin (임미진)

* Office : Jung-Seok Bld 6th floor

* Tel : +82-32-890-3575

* E-mail : miejinl@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Medicine, Inha University/Korea

- M.S. : Medicine, Inha University/Korea

* Research Area : Vasculitis, Osteoporosis associated with rheumatic diseases

*Academic Works:

1. The Osteoclast Development in Patients with Rheumatoid Arthritis and the Influence of the
Bisphosphonate on Its Development. JKRA 14(1):31-42, 2007

2. A case of bronchus-associated lymphoma tissue (BALT) lymphoma in the patient with
rheumatoid arthritis. Korean Journal of Internal Medicine. 73(2):228-232, 2007.

3. Rapid Improvement of Distal Vasculitis in PAN Related to Hepatitis B with Alprostadil
Infusion; A Case Report. Rheumatol Int. 26(10):928-32, 2006

4. Decreased protein S activity is related to the disease activity of Behcet's disease
Rheumatol Int. 27(1):39-43, 2006

34) Kim, Cheol Woo (김철우)

* Office : Department of Internal Medicine, Inha University Hospital

*Tel : + 82-32-890-3487

*E-mail : cwkim1805@inha.ac.kr

*Homepage : <http://www.inha.com>

*Educational Background

- Ph.D : Medicine / Yonsei University / Korea

- M.S. : Medicine / Yonsei University / Korea

* Research Area : Allergy, Asthma, Clinical pharmacology, New drug trial

* Academic Work

- Cheol-Woo Kim, et al. Detection and quantification of pharaoh ant antigens in household dust samples as newly identified aeroallergens. Int Arch Allergy Immunol. Vol. 144, pp. 247-253, 2007.

- Cheol-Woo Kim, et al. Allergy to miscellaneous household arthropods. Protein Pept Lett. Vol. 14, pp. 982-991, 2007.

- Cheol-Woo Kim, et al. Drug hypersensitivity to previously tolerated phenytoin by carbamazepine-induced DRESS syndrome. J Korean Med Sci. Vol. 21, pp. 768-772, 2006

35) Kyong-Hee, Jung (정경희)

* Office : Jung-Seok Bld 6th floor

Tel : + 82-32-890-3589

*E-mail : khjung@inha.ac.kr

*Homepage :

*Educational Background :

- Ph.D :Rheumatology/ Internal Medicine/Han Yang University / Korea

- M.S. : Rheumatology/ Internal Medicine/Han Yang University / Korea

* Research Area : Rheumatoid arthritis,Adult-onset Still's disease, Ankylosing spondylitis, Systemic sclerosis

* Academic Work :

- Osteolysis of bone, 2012 Dec, J Korean Rheum Assoc

- Natural Killer cell cytolytic function in Korean patients with adult-onset Still's disease, 2012 Aug, J Rheumatol
- Angioimmunoblastic T-cell lymphoma in an ankylosing spondylitis patient treated with etanercept, 2012 Jul, Modern rheumatology
- Adenocarcinoma arising in a duplication of the cecum, 2012 Mar, Korean J Intern Med
- Associations of vitamin D binding protein gene polymorphisms with the development of peripheral arthritis and uveitis in ankylosing spondylitis, 2011 Oct, J Rheumatol
- Dactylitis in a patient with psoriatic arthritis treated with infliximab, 2011 Jun, Korean J Med
- A case of development of sarcoidosis during tumor necrosis factor-alpha antagonist therapy, 2011 Mar, J Korean Rheum Assoc
- Acquired hemophilia in a patient with rheumatoid arthritis , 2010 Sep, J Korean Rheum Assoc
- A case of osteoid osteoma presenting with hip joint pain, 2010 Sep, J Korean Rheum Assoc
- Clinical significance of spontaneous pneumomediastinum in dermatomyositis/polymyositis, 2010 Jun, J Korean Rheum Assoc
- Bone marrow findings, and TNF- α , IL-18 expression in bone marrow of adult onset Still's disease patients, 2009 Jun, J Korean Rheum Assoc
- Moncheberg's sclerosis in a patient with systemic sclerosis, 2009 May, Rheumatology international

◆Surgery

1) Kim, Kyung Rae(김경래)

* Office : Jung-Seok Bld 515

* Tel : +82-32-890-3564

* E-mail : linuskim@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : General surgery / Yonsei University / Korea

- M.S. : General surgery / Yonsei University / Korea

* Research Area : Colorectal surgery, Head and Neck surgery, Emergency medicine

* Academic Works :

- Diagnosis of Tuberculous Cervical Lymphadenitis with Fine Needle Aspiration Cytology and Nested Polymerase Chain Reaction. J Korean Surg Soc 1999;57:27-33

- Two Cases of Resection of Localized Sclerosing Encapsulating Peritonitis. J Korean Surg

Soc 2000;58:722-728

- Comparison of Barium Reduction and Pneumatic Reduction of Intussusception in Children:
A Surgeon`s View. J Korean Surg Soc 2000;59:526-531

2) Shin, Seok Hwan (신석환)

* Office : Jung-Seok Bld 516

* Tel : +82-32-890-3435

* E-mail : shshin@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Seoul National University / Korea

- M.S. : General surgery / Seoul National University / Korea

* Research Area : Gastric cancer, Gastrointestinal Surgery, Geriatrics

* Academic Works :

- Significance of Lymph Node Micrometastases in Advanced Gastric Cancer. J Korean Surg Soc 2000;59:507-513

- A Clinical Analysis of Surgery in the Elderly Patients with Acute Abdomen. Geriatrics 2003;7: 214-221

- Elderly patients with acute abdomen. Geriatrics 2005:726-739

3) Hong, Kee Chun (홍기천)

* Office : Jung-Seok Bld 514

* Tel : +82-32-890-3433

* E-mail : keechong@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Preventive medicine / Korea University / Korea

- M.S. : General Surgery / Chung-Ang University / Korea

* Research Area : Transplantation, vascular surgery

* Academic Works :

-An Analysis on the Secondary Exploration of the Biliary Tract. J Korean Surg Soc 1986;30:141-148

-Preoperative Pulmonary Function Test in Abdominal Surgery. J Korean Surg Soc 1993;47:330-334

-Analysis of Prognostic Factors after Surgery for Gallbladder Cancer J Korean surgical society 2005 Dec; 069(06): 476-481

4) Ahn, Seung Ik (안승익)

- * Office : Jung-Seok Bld 517
- * Tel : +82-32-890-3436
- * E-mail : siahn@inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - Ph. D : General surgery / Seoul National University / Korea
 - M.S. : General surgery / Seoul National University / Korea
- * Research Area : Hepatobiliary surgery, transplantation
- * Academic Works :
 - Cholecystocolic fistula caused by trauma. Injury 2001;32:341-342
 - Hepatocellular carcinoma with lung metastasis in a 9-year-old-boy J Pediatr Surg. 2001;36:1599-1601
 - Correlation of the Serum Nitrate/Nitrite Level with the Severity of Biliary Tract Inflammation J Korean Surg Soc 2004;67:55-59

5) Cho, Young Up (조영업)

- * Office : Jung-Seok Bld 519
- * Tel : + 82-32-890-3438
- * E-mail : youngup@inha.edu
- * Homepage : http://
- * Educational Background :
 - Ph. D :Phamacology/ Yonsei University / Korea
 - M.S. : General surgery / Yonsei University / Korea
- * Research Area : Breast Surgery, Endocrine Surgery, Surgical Oncology
- * Academic Works :
 - Improved prediction of outcome in patients with severe acute pancreatitis by the APACHE II score at 48 hours after hospital admission compared with the APACHE II score at admission. Acute Physiology and Chronic Health Evaluation Arch Surg. 2002;137:1136-1140
 - The Prevalence of Ovarian Cancer in Korean Women at High-Risk for Hereditary Breast-Ovarian Cancer, Journal of Breast Cancer. 2011;14:24-30.
 - Predicting Factors of Nonsentinel Lymph Node Metastasis in Breast Cancer Patients with Sentinel Lymph Node Metastasis J Korean Surg Soc 2010; 79: 20-26.
 - Clinical Characteristics of Papillary Thyroid Microcarcinoma. J of Korean Head & Neck

Surgery. 53;3:166-171

6) Kim, Sei Joong (김세중)

* Office : 5 Jung-Seok Bld 18

* Tel : + 82-32-890-3437

* E-mail : ksj1511@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Inha University / Korea

- M.S. : Preventive medicine / Konkuk University / Korea

* Research Area : Breast, Endocrinology

* Academic Works :

- Correlation and the Necessity of Fine Needle Aspiration Cytology and Frozen Section Biopsy J Korean Surg Soc 2002;62:187-191

- Clinical Analysis of Inhalation Burn. J Korean Surg Soc 2001;60:129-135

- Clinical Analysis of Stage I and H Breast Cancer J Korean Surg Soc 2001;61:33-39

7) Lee, Keon-Young (이건영)

* Office : Jung-Seok Bld 513

* Tel : +82-32-890-3432

* E-mail : 196087@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Seoul National University / Korea

- M.S. : Preventive medicine / Catholic University / Korea

* Research Area : Hepatobiliary surgery, transplantation, vascular surgery

* Academic Works :

- Mutations of DPC4 / Smad4 Gene in Gallbladder Carcinoma J Korean Surg Soc 2002;62:233-242

- Clinical Analysis of Prognostic Factors in Hepatocellular Carcinoma J Korean Surg Soc 2003;65:42-48

- Surgical Clips Found at the Hepatic Duct after Laparoscopic Cholecystectomy: a Possible Case of Clip Migration J Korean Surg Soc 2005;69:176-180

8) Hur, Yoon-Seok (허윤석)

* Office : Jung-Seok Bld 512

* Tel : +82-32-890-3431

* E-mail : gshur@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Chung-Buk National University / Korea

- M.S. : General surgery / Seoul National University / Korea

* Research Area : Gastric cancer, Upper gastroenterology, Bariatric surgery

* Academic Works :

- Distinctive Pattern of Gene Expression in Intestinal and Diffuse Gastric Cancer on cDNA Microarray J Korean Surg Soc 2005;68:277-287

- Experimental Study of ^{99m}Tc-Ciprofloxacin (Infecton) Imaging for the Diagnosis of the Acute Appendicitis J Korean Surg Soc 2005;68:39-44

- Effect of Reconstruction-Method after Radical Subtotal Gastrectomy on Gall Bladder Motility: A Prospective Study, Short Term Follow-up J Korean Surg Soc 1999;57:242-248

9) Choi, Sun Keun (최선근)

* Office : Jung-Seok Bld 534

* Tel : +82-32-890-3409

* E-mail : karam66@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Inha University / korea

- M.S. : General surgery / Inha University / korea

* Research Area : Colorectal surgery, Laparoscopic surgery

* Academic Works :

- Effects of genetic polymorphisms of MDRI, FM03 and CYP1A2 on susceptibility to colorectal cancer in Koreans Cancer Science 2006;97:774-779

- Polymorphisms of XRCC1 gene, alcohol consumption and colorectal cancer International journal of cancer 2005;116:428-432

- Gastrointestinal Stromal Tumor of the Rectum in a Pediatric J Korean surgical society 2006; 71: 161-164.

10) Choe, Yun Mee (최윤미)

* Office : Jung-Seok Bld 806

* Tel : +82-32-890-3434

* E-mail : gsmee@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Inha University / korea

- M.S. : General surgery / Inha University / korea

* Research Area : Pediatric surgery, Laparoscopic surgery

* Academic Works :

- Endoscopic Ultrasonography Versus Endoscopic Retrograde Cholangiopancreatography for the Diagnosis of Choledocholithiasis J Korean Surg Soc 2003;64:327-331

- Operative management of the prenatally diagnosed choledochal cyst. J Kor Assoc Pediatr Surg. 2004, 10(1), 17-21

-Effect of preoperative biliary drainage on surgical results after pancreaticoduodenectomy in patients with distal common bile duct cancer: focused on the rate of decrease in serum bilirubin. World J Gastroenterol 2008 14(7) 1102-1107r Surg. 2004, 10(1), 17-21

11) Shin Woo Young (신우영)

* Office : Jung-Seok Bld 806

* Tel : +82-32-890-3570

* E-mail : wyshein@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : General surgery / Seoul National University / korea

- M.S. : General surgery / Seoul National University / korea

* Research Area : Hepato-Pancreato-Biliary

* Academic Works :

- Cho EH, Suh KS, Lee HW, Shin WY, Yi NJ, Lee KU

Safety of modified extended right hepatectomy in living liver donors.

Transpl Int.2007;9:779-83

- Yi NJ, Suh KS, Lee HW, Shin WY, Cho JY, Lee KU

AN artificial vascular graft is a useful interposition material for drainage of the right anterior section in living donor liver transplantation Liver Transpl 2007;13:1159-1167

- Suh KS, Cho EH, Lee HW, Shin WY, Yi NJ, Lee KU

Liver transplantation for hepatocellular carcinoma in patients who do not meet Milan criteria Dig Dis. 2007;25(4):329-33

- Lee HW, Suh KS, Shin WY, Cho EH, Yi NJ, Lee JM, Han JK, Lee KU

Classification and prognosis of intrahepatic biliary stricture after liver transplantation
Liver Transpl 2007;13:1736-1742

◆ **Pediatrics**

1) Son, Byong Kwan (손병관)

- * Office : 7th Floor, Jung-Suk Building C
- * Tel : + 82-32-890-3519
- * E-mail : sonbk@inha.ac.kr
- * Homepage : have not
- * Educational Background :
 - Ph. D : Pediatrics / Seoul National University /Korean
 - M.S. : Pediatrics / Seoul National University / Korean
- * Research Area : Pediatric Allergic Disease and Environment
- * Academic Works :
 - Son BK: Anaphylaxis (in The Textbook of Pediatrics, Korean). Korean Textbook Publishing Co., Seoul, 2007
 - Jeong Hee Kim, Dae Hyun Lim, Ja Kyoung Kim, Su Jin Jeong, Byong Kwan Son "Effects of Particular Matter(PM10) on The Pulmonary Function of Middle-School Children" Journal of Korean Medical Science 20, 1, (Feb) 2005 pp42-45
 - Jeong-Hee Kim, Ja-Kyoung Kim, Byong-Kwan Son, Ji-eun Oh, Dae-Hyun Lim, Kwan-Hee Lee, Youn-Chol Hong and Sung-Il Cho "Effects of Air Pollutants on Childhood Asthma" Yonsei Medical Journal 46, 2, (April) 2005, p.239-244
 - Byong-Kwan Son, Dae-Hyun Lim "Allergic Skin Test" Korean J Pediatric 2007;50(5):409-415
 - Byong-Kwan Son "Sick House Syndrome" The Korean Academy of Pediatric Allergy and Respiratory Disease 2005(Dec);15(4 suppl): S132-S140

2) Hong, Young Jin (홍영진)

- * Office : 7th Floor, Jung-Suk Building C
- * Tel : + 82-32-890-3520
- * E-mail : hongyj@inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - Ph. D : Pediatrics / Postgraduate School of Medicine / Inha National University / Korea
 - M.S.: health Sciences/Graduate School of Public Health, Seoul National University /Korea

* Research Area : Vaccine, Japanese encephalitis

* Academic Works :

- Hong YJ: Polio, Hepatitis B (in Vaccine Guidelines). Kwangmoon Publishing Co., Seoul, 2002
- Chang JY, Chung SJ, Kim SK, Son BK, Hong YJ, Hong GS: Positive rate of HBsAg in school children in Incheon area. Korean J Pediatr Infect Dis 2003;10:153-8
- Hong YJ, Lee HJ, Choi BY, Kim CH, Park JO, Kang JH, Kim JH, Ahn YM, Ju YR, et al: Immunogenicity and protective efficacy after Japanese encephalitis vaccination. KCDC 2006

3) Kim, Soon Ki (김순기)

* Office : 7th Floor, Jung-Suk Building C

* Tel : + 82-32-890-3518 (Faculty room); 890-2260 (OPD)

* E-mail : pedkim@inha.ac.kr

* Homepage : <http://www.naver.com/pediatkim>

* Educational Background :

- Ph. D : Pediatrics / Postgraduate School of Medicine / Seoul National University / Korea

- M.S. College of Medicine / Seoul National University (M.D) / Korea

* Research Area : Iron deficiency anemia, leukemia and short stature.

* Academic Works :

- Red Blood Cell Indices and Iron Status According to Feeding Practices in Infants and Young Children. Acta Paediatrica 85: 139-144, 1996
- Ex vivo Expansion and Clonality of CD34+ Selected Cells from Bone Marrow and Cord Blood in a Serum-Free Media. Molecules and Cells 14(3):367-373, 2002
 - Book: Childhood Cancer (2 authors): Information for the Patient and the Family

4) Jun, Yong Hoon (전용훈)

* Office : 7th Floor, Jung-Suk Building C

* Tel : + 82-32-890-3517

* E-mail : neojun@inha.ac.kr

* Homepage : none

* Educational Background :

- Ph. D : pediatrics(neonatology) / Seoul Natonal University, Postgraduate School / Korea

- M.S. : pediatrics(neonatology) / Seoul Natonal University, Postgraduate School / Korea

- * Research Area : (Neonatology, Growth & development)
- * Academic Works :
 - Measurement of pain-like response to various NICU stimulants for high-risk infants. Early Human Development, 2007
 - Severe hypernatremic dehydration in a breast-fed neonate, Korean Journal of Pediatrics, 2007
 - Suppressed cytokine and immunoglobulin secretions by murine splenic lymphocytes infected in vitro with Toxoplasma gondii tachyzoites. Journal of Parasitology, 2005

5) Kim, Jeong Hee (김정희)

- * Office : 7th Floor, Jung-Suk Building C
- * Tel : + 82-32-890-3618
- * E-mail : kimihmd@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Anatomy / Korea University / Korea
 - M.S. : Pediatrics / Ewha Woman's University / Korea
- * Research Area : Allergic diseases including food allergy in children
Relationship between air pollution and allergic disease
- * Academic Works :
 - Effects of PM10 of the pulmonary function of middle-school children. J Korean Med Sci 2005;20(1)42-5
 - Effects of air pollutants on childhood asthma. Yonsei Med J 2005;46(2):239-44
 - Current understanding of atopic dermatitis. The Korean Academy of Pediatric Allergy and Respiratory Disase. 2004;14(1):12-23

6) Lim, Dae Hyun (임대현)

- * Office : 7th Floor, Jung-Suk Building C
- * Tel : + 82-32-890-3658 , Fax : 82-32-890-2629
- * E-mail : dhyunlim@inha.ac.kr
- * Homepage : have not
- * Educational Background :
 - Ph.D. Pediatrics, Inha University School of Medicine,, Incheon, South Korea in 2005
 Graduated from Korea University School of Medicine, Seoul, South Korea in 1989.
- * Research Area : Allergic and respiratory diseases during childhood and

adolescents

* Academic Works :

- Secretary General, Korean Academy of Pediatric Allergy and Respiratory Disease, May 1st 2007-Apr 30th 2009
- Director of Project, Korean Academy of Pediatric Allergy and Respiratory Disease, May 1st 2009-Apr 30th 2011
- Director of Academy, Korean Academy of Pediatric Allergy and Respiratory Disease, May 1st 2011-Apr 30th 2013
- Director of Research, Inha University Hospital branch, Environment Health Center for Allergic Disease, Ministry of Environment, Republic of Korea, Apr. 1st 2011-Dec.31st 2013
- Chair, Asthma Study Group in Preschool Children, Korean Academy of Pediatric Allergy and Respiratory Disease, Mar. 1st 2010-Mar. 31st 2013
- Director of Medicine, Korean Academy of Asthma and Clinical Immunology, Jan 1st 2012 - Dec 31st 2014

*Papers (recent)

- Kim YH, Son BK, Kim JH, Lim DH, et al. Anti-IL-33 antibody has a therapeutic effect in a murine model of allergic rhinitis. *Allergy* 2011; DOI: 10.1111/j.1398-9995.2011.02735.x.
- Jeong SH, Kim JH, Son BK, Lim DH, et al. Comparison of air pollution and prevalence of allergic diseases in Incheon and Jeju city. *Korean Journal of Pediatrics* 2011;54(12):501-506
- Lim DH. Increased growth factors in children with *Mycoplasma pneumoniae* pneumonia. *Korean Academy of Pediatric Allergy and Respiratory Disease*. 2010;20:1-3
- Kang SK, Kim JH, Son BK, Lim DH, et al. Relationship between silent gastroesophageal reflux and food sensitization in infants and young children with recurrent wheezing. *Journal of Korean Medical Science*. 2010;25:425-8
- Lim DH, Kim JH, Son BK, et al. Spirometric pulmonary function test in preschool children. *Journal of the Korean Medical Association*. 2010;53:417-23
- Lim DH. Food Anaphylaxis. *Korean Academy of Allergy, Asthma and Clinical Immunology*. 2010;30:91-2
- Kim BK, Kim JH, Son BK, Lim DH, et al. Comparison between adverse effects of low and usual doses of intravenous aminophylline. *Korean Journal of Pediatrics*. 2009;52:441-5
- Nam KW, Kim JH, Son BK, Lim DH, et al. The relationship between wheezing

- during methacholine bronchial challenge and the severity of acute asthma exacerbation in asthmatic children. Korean Academy of Pediatric Allergy and Respiratory Disease. 2009;19(1):28-37
- Lim DH, Cho JY, Song DJ, Broide DH, et al. PI3K-deficient mice have reduced levels of allergen-induced AHR, eosinophilic inflammation and airway remodeling. American Journal of Physiology-Lung Cellular and Molecular Physiology. 2009;296:L210-9
 - Lim DH. Epidemiology in anaphylaxis in Korean children. Korean Journal of Pediatrics. 2008;51:351-354.
 - Lim DH, Cho JY, Broide DH, et al. Reduced peribronchial fibrosis in allergen-challenged MMP-9-deficient mice. Am J Physiol Lung Cell Mol Physiol 2006;291:L265-L271.

7) Kwon, Young Se (권영세)

- * Office : 7th Floor, Jung-Suk Building C
- * Tel : + 82-32-890-3716
- * E-mail : yvsped@inha.ac.kr
- * Homepage : (not yet)
- * Educational Background :
 - Ph. D : Pediatrics/Inha University/South Korea
 - M.S. : Pediatrics/Inha University/South Korea
- * Research Area : developing brain with epilepsy
- * Academic Works :
 - Kwon YS, Jeong SW, Kim DW, Choi ES, Son BK. Effects of the ketogenic diet on neurogenesis after kainic acid-induced seizures in mice. Epilepsy Res. 2008;78(2-3):186-94.2008.
 - Mazarati A, Wu J, Shin D, Kwon YS, Sankar R. Antiepileptogenic and antiictogenic effects of retigabine under conditions of rapid kindling: An ontogenic study. Epilepsia, 2008;49(10):1777-86
 - Kwon YS, Jun YH, Hong YJ, Son BK. Topiramate monotherapy in infantile spasm. Yonsei Med J. 2006 ;47(4):498-504

8) Lee, Ji Eun (이지은)

- * Office : 7th Floor, Jung-Suk Building C
- * Tel : + 82-32-890-3617
- * E-mail : anicca@inha.ac.kr

- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Pediatric Endocrinology/ Inha University / Korea
 - M.S. : Pediatrics /Inha University / Korea
- * Research Area : Obesity and Diabetes Mellitus in children and adolescent precocious puberty, adrenal gland.
- * Academic Works :
 - Marked Suppression of Ghrelin Concentration by Insulin in Prader-Willi Syndrome
Journal of Korean Medical Science 2007;22:177.
 - Subclinical rickets in breastfed infants. Korean Journal of Pediatrics 2007;50:1188.
 - Corrected 17-Alpha-Hydroxyprogesterone Values Adjusted by a Scoring System for Screening Congenital Adrenal Hyperplasia in Premature Infants. Annals of Clinical & Laboratory Science 2008;38:235.

◆ Obstetrics & Gynecology

1) Lee, Byoung Ick (이병익)

- * Office : Jung-Seok Bld, 5th Floor
- * Tel : +82-32-890-3426
- * E-mail : bilee@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Oncology/Obstetrics & Gynecology/Seoul National University/ Korea
 - M.S. : Obstetrics & Gynecology/Seoul National University/ Korea
- * Research Area : Reproductive Endocrinology, Oncology, Urogynecology
- * Academic Works
 - Transcriptional Regulation of the Transforming Growth Factor β Type II Receptor Gene by Histone Acetyltransferase and Deacetylase Is Mediated by NF- κ B in Human Breast Cancer Cells. Journal of Biological Chemistry Vol. 277, No. 7 pp. 5168-5174, 2002.
 - MS-275, An Histone Deacetylase Inhibitor, Selectively Induces TGF- β Type II Receptor Expression In Human Breast Cancer Cells. Cancer Research Vol. 61 pp. 931-934. 2001.
 - Mechanism of Induction of TGF- β Type II Receptor Gene Expression by v-Src in Murine Myeloid Cells. Cell Growth and Differentiation Vol. 12 pp. 9-18. 2001

2) Im, Moon Whan (임문환)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3427

* E-mail : mwim@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Biochemistry / Seoul National University / Korea

- M.S. : Biochemistry / Seoul National University / Korea

* Research Area : Maternal-Fetal Medicine, Fetal echocardiography, Prenatal diagnosis,
Stem cell

* Academic Works :

- Maternal Genetic Effects on Neonatal Susceptibility to Oxidative Damage From Environmental Tobacco Smoke. Journal of the National Cancer Institute Vol. 93 pp. 645-647, 2001
- Multipotency and growth characteristic of periosteum-derived progenitor cells for chondrogenic, osteogenic, and adipogenic differentiation. Biotechnol Lett Vol. 30 pp. 593-601, 2008
- Chondrogenic differentiation of human umbilical cord blood-derived multilineage progenitor cells in atelocollagen. Cytotherapy Vol 10, pp. 165-173, 2008

3) Song, Eun Seop (송은섭)

* Office : Jung-Seok Bld, 5th Floor

* Tel : + 82-32-890-3430

* E-mail : songsong2000@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Medical Science (forensic medicine) / Korea University / Korea

- M.S. : Medical Science (forensic medicine) / Korea University / Korea

* Research Area : Gynecologic Oncology, * Academic Works :

- Management of Endometrial Hyperplasia With a Levonorgestrel-releasing Intrauterine System: Single Arm, Prospective Multicenter Study: Korean Gynecologic Oncology Group Study (KGOG2006)., JAPANESE JOURNAL OF CLINICAL ONCOLOGY, 41권 6호, 817~819, 2011.
- Common polymorphisms in methylenetetrahydrofolate reductase gene are associated with risks of cervical intraepithelial neoplasia and cervical cancer in women with low serum folate and vitamin, CANCER CAUSES & CONTROL, 22권

1호, 63~72, 2011.

- Intakes of Vitamin A, C, and E, and beta-Carotene Are Associated With Risk of Cervical Cancer: A Case-Control Study in Korea, NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, 62권 2호, 181~189, 2010.

- The effects of polymorphisms in methylenetetrahydrofolate reductase (MTHFR), methionine synthase (MTR), and methionine synthase reductase (MTRR) on the risk of cervical intraepithelial neoplasia and cervical cancer in Korean women, CANCER CAUSES & CONTROL, 2009권 12호, , 2009.

- Functional polymorphism in manganese superoxide dismutase and antioxidant status: Their interactions on the risk of cervical intraepithelial neoplasia and cervical cancer, GYNECOLOGIC ONCOLOGY, 2009권 8호, 1000~1110, 2009.

- Ovarian preservation during the surgical treatment of early stage endometrial cancer: A nation-wide study conducted by the Korean Gynecologic Oncology Group, GYNECOLOGIC ONCOLOGY, 115권 1호, 26~31, 2009.

4) Hwang, Sung Ook (황성욱)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3429

* E-mail : sohwang@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Obstetrics & Gynecology / Ulsan University / Korea

- M.S. : Obstetrics & Gynecology / Ulsan University / Korea

* Research Area : Gynecologic Oncology, Pelviscopic Surgery,

* Academic Works :

- Activation of PKC β II and PKC ζ is essential for LDL-induced cell proliferation of human aortic smooth muscle cells via Gi-mediated Erk1/2 activation and Egr-1 upregulation. Biochem Biophys Res Comm. 2008 Mar 28, 368(1):126-131 [Epub 2008 Jan 22]

- The identification of CYP2C8 gene polymorphisms in Korean women with epithelial ovarian cancer and it's association with effect and toxicity of anticancer drug. Korean Journal of Obstetrics and Gynecolgy, 2006 Mar 28, 49(3):553-565

- Clinical Significance of HPV DNA Chip test in the Management of Atypical Squamous Cells of Undetermined significance. Korean Journal of Obstetrics and Gynecolgy, 2003 Dec 28, 46: 2451-2457

◆ Neurological Surgery

1) Park, Chong Oon (박종운)

- * Office : JSK C
- * Tel : + 82-32-890-3567
- * E-mail : nspco@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Neurosurgery / Yonsei Medical University / Korea
 - M.S. : Neurosurgery / Yonsei Medical University / Korea
- * Research Area : Neurotrauma
- * Academic Works :
 - Clinical Analysis of 34 Diffuse Axonal Injury(DAI) Patients below GCS 8., Yonsei Medical Journal 33(4): 326-336, 1992
 - Apoptotic Change in Response to Magnesium Therapy of Moderate Diffuse Axonal Injury in Rats. Yonsei Medical Journal 45(5): 908-916, 2004
 - Change in Serum Concentration of Magnesium and Calcium Ions following Moderate Diffuse Axonal Injury in Rats. JKNS. 36(3) : 229-234, 2004

2) Park, Hyoung Chun (박형천)

- * Office : JSK C-732
- * Tel : + 82-32-890-3506
- * E-mail : phchun@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Medicine / Chonnam Univ. / Korea
 - M.S. : Medicine / Yonsei Univ./ Korea
- * Research Area : Spinal cord regeneration, Stem cell transplantation
Spine Biomechanics, Spinal cord tumors
- * Academic Works :
 - Complete spinal cord injury treatment using autologous bone marrow cell transplantation and bone marrow stimulation with granulocyte macrophage-colony stimulating factor(GM-CSF): Phase I/II clinical trial. Stem Cells 25(8): 2066-2073, 2007
 - GM-CSF inhibits apoptosis of neural cells via regulating the expression of apoptosis-related proteins. Neuroscience research 58:50-57, 2007

- Spinal clear cell meningioma presented with progressive paraparesis in infancy. Childs Nervous System 16: 607~610, 2000

3) Kim, Eun Young (김은영)

- * Office : JSK C-733
- * Tel : + 82-32-890-3507
- * E-mail : nskey@inha.ac.kr
- * Homepage : <http://nskey.inha.ac.kr>
- * Educational Background :
 - Ph. D : Medicine, Postgraduate school of Hanyang University, Korea
 - M.S. : Medicine, Postgraduate school of Hanyang University, Korea
- * Research Area : Brain tumor, Skull base surgery, Hemifacial spasm, Trigeminal neuralgia
- * Academic Works :
 - EY Kim, HS Park, JJ Kim, SC Lee, CK Ha, HC Park: A more basal approach in microvascular decompression for hemifacial spasm: The para-condylar fossa approach. Acta Neurochir(Wien) 143:141-145, 2001
 - EY Kim, HS Park, JJ Kim, HS Han, MS Nam, YS Kim, HC Park: Endoscopic transsphenoidal approach through a widened nasal cavity for pituitary lesions. J of Clinical Neuroscience 8:437-41, 2001
 - S. Youssef, EY Kim, KM Aziz, S. Hemida, JT Keller, HR van Loveren. The subtemporal interdural approach to dumbbell-shaped trigeminal schwannomas: cadaveric prosection. Neurosurgery59(4 Suppl 2):ONS270-277, 2006

4) Park, Hyeon Seon (박현선)

- * Office : JSK C-728
- * Tel : + 82-32-890-2372
- * E-mail : hspark@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Cerebrovascular surgery, Neurosurgery, Medicine / Yonsei University / Republic of Korea
 - M.S. : Medicine / Yonsei University / Republic of Korea
- * Research Area :
 - Cerebrovascular surgery
 - Cerebravascular revascularization
 - Neural repair mechanism

Cell therapy and Scaffold for Neural regeneration

Radiosurgery

* Academic Works :

- Park HS, Varadi A, Seok H, Jo JH, Gilpin H, Liew CHee Gee, Jung SJ, Andrew P, Molnar, E, Cho KW; mGluR5 is involved in dendrite differentiation and excitatory synaptic transmission in NTERA2 human embryonic carcinoma cell-derived neurons Neuropharmacology 52:1403-1414, 2007
- Park HS, Jung JK, Kim EY, Yoon SH, Park HC; Carotid Endarterectomy: Technique and perioperative Management. Kor J Cerebrovascular Surgery 4(2) 104-109 2002:
- Park HS, Kim EY, Cho YG, Sohn MJ, Park HC: Practical role three-dimensional computed tomography angiography in planning the surgery for intracranial 무더교는 J Kor Neurosurg Soc 28(7): 956-970, 1999

5) Hyun, Dong Keun (현동근)

* Office : JSK C

* Tel : + 82-32-890-2370

* E-mail : dkhyun@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Neurosurgery/Inha University/Korea
- M.S. : Neurosurgery/Soonchunhyang University/Korea

* Research Area :

Traumatic Brain Injury(Marmarou model and apoptosis) and cerebral infarction with Brain protection(Hypothermia, MgSO4)

* Academic Works :

- Effects of Posttraumatic Hypothermia in an animal model of Traumatic brain injury(TBI) - Immunohistochemical stain by TUNEL & B-APP, Korean Journal of Neurosurgery 29(4) 461, 2000
- Effects of MgSO4 on Cerebral Infarction after Permanent Middle Cerebral Artery Occlusion in Rat. Korean Journal of Neurosurgery 32(2) 136, 2002
- Apoptotic change in response to magnesium therapy after moderate diffuse axonal injury in rats. YONSEI MEDICAL JOURNAL 48(2) 210, 2007

6) Yoon, Seung Hwan (윤승환)

* Office : JSK C-734

* Tel : + 82-32-890-2370

* E-mail : nsysh@inha.ac.kr

* Homepage : <http://www.nsspine.co.kr>

* Educational Background

- Ph. D : Neurosurgey/ Inha University/ Korea

- M.S. : Medicine/ Yonsei University/ Korea

* Research Area :

Stem cell therapy in spinal cord injury, Bone fusion with growth factors and stem cells

* Academic Works :

- Porcine model of intervertebral disc degeneration induced by annular injury characterized with magnetic resonance imaging and histopathological findings

Laboratory investigation. J Neurosurg Spine 8:450-457, 2008

- Complete Spinal Cord Injury Treatment using Autologous Bone Marrow Cell Transplantation and Bone Marrow Stimulation with Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF): Phase I/II Clinical Trial. Stem Cells. 2007 Apr 26

- The multicenter clinical study of the expandable stand-alone cages for degenerative lumbar spinal disorders. European Spine Journal Vol 15 Supplement 4 September 2006

7) Shim Yoo Sik (심유식)

* Office : JeongSeok Building 819

*Tel : + 82-32-890-3277

*E-mail : nsshim60@gmail.com

*Homepage :

*Educational Background :

- M.S. : Neurosurgery / Inha University / Korea

- B.S. : Medicine / Inha University / Korea

* Research Area : Cerebrovascular disease, Neurointervention

* Academic Work :

- Grading of Intracerebral Hemorrhage in Ruptured Middle Cerebral Artery Aneurysm. J Korean Neurosurg Soc 51:268-271, 2012

- Methylenetetrahydrofolate reductase (MTHFR) and thymidylate synthase (TS) polymorphisms with osteoporotic vertebral compression. Genes & Genomics 34:257-263, 2012

- Three cases of traumatic pulmonary pseudocysts in old age. J Korean Emerg Med 22:6:768-772, 2011

- Association of vascular endothelial growth factor gene polymorphisms with osteoporotic vertebral compression fractures in postmenopausal women. . Genes & Genomics 32:499-

505,2010

- Characteristics and Management of Residual or Slowly Recurred Intracranial Aneurysms. J Korean Neurosurg Soc 48:330-334, 2010
- Anti-Platelet Drug Resistance in the Prediction of Thromboembolic Complications after Neurointervention. J Korean Neurosurg Soc 48:319-324, 2010
- Solitary skull metastasis as initial manifestation of hepatocellular carcinoma. World J Surg Oncol 6:66, 2008
- Leo stent-assisted coil embolization of a giant middle cerebral artery aneurysm. J Neuroimaing 18: 332-335, 2008
- Characteristics and surgical outcomes of distal anterior cerebral artery aneurysms. Kor J Cerebrovascular Surgery 10: 374-379, 2008
- Update on the cytogenetics and molecular genetics of skull base chordoma. J Kor Skull Base Soc 3: 5-10, 2008
- Treatment of cerebrospinal fluid leakage in skull base surgery. J Kor Skull Base Soc 3: 38-42, 2008
- Delayed diagnosis of thalamic glioblastoma presenting as repeated intracerebral hemorrhages. J Kor Skull Base Soc 3: 48-52, 2008
- The combined transmastoid transjugular transtubarcular high cervical approach for resection of jugular foramen tumors. J Kor Skull Base Soc 3: 26-30, 2008
- Benefits of skull base surgery using neuronavigation system. J Kor Skull Base Soc 3: 16-20, 2008
- Microsurgical pseudocapsule resection of clinically non-functioning pituitary tumors. J Kor Skull Base Soc 3: 21-25, 2008
- Clinical characteristics and surgical treatment of patients with distal middle cerebral artery aneurysms. Kor J Cerebrovascular Surgery 10: 508-512, 2008
- Management of unruptured intracranial aneurysms in patients with ischemic cerebrovascular disease. Kor J Cerebrovascular Soc 10: 513-518, 2008
- Diaphragma sellae meningioma mimicking non-functional pituitary macroadenoma: case report and review of the literature. J Kor Skull Base Soc 2: 86-89, 2007
- Complete Spinal Cord Injury Treatment using Autologous Bone Marrow Cell Transplantation and Bone Marrow Stimulation with Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF): Phase I/II Clinical Trial. Stem Cells 25:2066-2073, 2007
- What are the Causative Factors for a Slow, Progressive Enlargement of a Chronic Subdural Hematoma? Yonsei Med J 48:210-217, 2007
- Histologically Neuroprotective Effect of MgSO4 after Moderate Diffuse Axonal Injury in Rats. J Kor Neurotraumatol Soc 2:7-12, 2006

- Treatment of Complete Spinal Cord Injury Patients by Autologous Bone Marrow Cell Transplantation and Administration of Granulocyte-Macrophage Colony Stimulating Factor. Tissue Engineering 11:913-922, 2005

◆ Othopedic Surgery

1) Park, Seung Rim (박승림)

- * Office : Jung-Seok Bld, 7th Floor
- * Tel : + 82-32-890-0000
- * E-mail : srp2002@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Orthopedic surgery/ Yonsei university / Korea
 - M.S. : Orthopedic surgery/Yonsei university / Korea
- * Research Area : Adult spinal disease, Spinal deformity
- * Academic Works :
 - Measurement of polyethylene wear in total hip arthroplasty-accuracy versus ease of use. Yonsei Med J. 2003 Jun 30;44(3):473-8.
 - Treatment of intertrochanteric fracture with the Gamma AP locking nail or by a compression hip screw-a randomised prospective trial. Int Orthop. 1998;22(3):157-60.
 - Complications in posterior fusion and instrumentation for degenerative lumbar scoliosis.Spine. 2007 Sep 15;32(20):2232-7.

2) Moon, Kyoung Ho (문경호)

- * Office : Jung-Seok Bld, 7th Floor
- * Tel : + 82-32-890-3663
- * E-mail : moon@inha.ac.kr
- * Homepage : <http://>
- * Educational Background
 - Ph. D :Orthopedic surgery / Hanyang university / Korea
 - M.S. : Orthopedic surgery / Hanyang university / Korea
- * Research Area :
 - Arthroplasty , osteoporosis, BMP-2
- * Academic Works :
 - An analysis of a retrieved Prodigy femoral prosthesis. J Arthroplasty. 1996 Aug;11(5):629-36

-Degeneration of the acetabular articular cartilage to bipolar hemiarthroplasty. Yonsei Med J. 2008 September

-Wear of polyethylene cups in total hip arthroplasty. A study of specimens retrieved post mortem. J Bone Joint Surg Am. 1996 Aug;78(8):1193-2000.

3) Kim, Myung Ku (김명구)

* Office : Jung-Seok Bld, 7th Floor

* Tel : + 82-32-890-0000

* E-mail : m9kim@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Orthopedic surgery/ Korea university / Korea

- M.S. : Orthopedic surgery/ Hanlym university / Korea

* Research Area :

- Arthroscopy(knee joint, shoulder joint), Sports medicine, Arthroplasty(knee joint)

* Academic Works :

- Modified technique of distal metatarsal osteotomy for hallux valgus. Foot Ankle Int. 2007 Apr;28(4):527-8.

- Total knee arthroplasty without patellar resurfacing. Int Orthop. 2006 Oct;30(5):415-9.

-Second Look Arthroscopic Finding after Fibrin Matrix Autologous Chondrocyte Implantation for the Treatment of Articular Cartilage Defect of the Knee - Preliminary Report - Journal of the Korean arthroscopy Society Vol. 11, No.1; 1~6

4) Kang, Joon Soon (강준순)

* Office : Jung-Seok Bld, 7th Floor

* Tel : + 82-32-890-3666

* E-mail : kangjoon@inha.ac.kr

* Homepage : <http://hip.inha.ac.kr>

* Educational Background :

- Ph. D : Orthopedic surgery/ Yonsei university / Korea

- M.S. : Orthopedic surgery/Yonsei university / Korea

* Research Area

Hip. Stem cell. Osteonecrosis

* Academic Works :

- Head preserving procedure for osteonecrosis of femoral head

- Measurement of polyethylene wear in total hip arthroplasty--accuracy versus ease of use. Yonsei Med J. 2003 Jun 30;44(3):473-8.
- The effect of diaphyseal biologic fixation on clinical results and fixation of the APR-II stem. J Arthroplasty. 2000 Sep;15(6):730-5.

5) Kim, Ryuh Sup (김려섭)

- * Office : Jung-Seok Bld, 7th Floor
- * Tel : + 82-32-890-2380
- * E-mail : keelim@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Orthopedic surgery/ Yonsei university / Korea
 - M.S. : Orthopedic surgery/Yonsei university / Korea
- * Research Area : Arthroscopy(Shoulder joint, Knee joint), Sports medicine
- * Academic Works :
 - Aberrant branch of the long head of the biceps tendon. JOURNAL OF SHOULDER AND ELBOW SURGERY. 2011 June; 20 (6): e23-e25
 - Clustered localized pigmented villonodular synovitis. Arthroscopy. 2005 Jun;21(6): 761 e 1-e6
 - Lipoma arborescens of the knee. Arthroscopy. 2004 Oct;20(8):e95-9.
 - Ganglion cysts of the posterior cruciate ligament. Arthroscopy. 2003 Jul-Aug;19(6):E36-40.

6) Cho, Kyu Jung (조규정)

- * Office : Jung-Seok Bld, 7th Floor
- * Tel : + 82-32-890-3661
- * E-mail : chokj@inha.ac.kr
- * Homepage : <http://happyspine.co.kr>
- * Educational Background :
 - Ph. D :Orthopedic surgery / Seoul university/ Korea
 - M.S. : Orthopedic surgery / Seoul university/ Korea
- * Research Area
 - Adult spinal disease
 - Spinal deformity
 - Spinal instrumentation for osteoporosis in old age
- * Academic Works :

- Does low-dose aspirin increase blood loss following spinal fusion surgery? Spine J 11:303-307, 2011.
- Pseudarthrosis at L5-S1 after posterolateral lumbar fusion. J Korean Spine Surg., 17:90-6, 2010.
- Risk factors of sagittal decompensation after long fusion and instrumentation for degenerative lumbar scoliosis. Spine 35(17):1595-601, 2010.

7) Lee, Tong Joo (이동주)

- * Office : Jung-Seok Bld, 7th Floor
- * Tel : + 82-32-890-0000
- * E-mail : TJLee@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Orthopedic surgery/ Inha university / Korea
 - M.S. : Orthopedic surgery/ Inha university / Korea
- * Research Area :
 - Clinical: Nerve injuries, congenital hand anomalies, elbow problems and arthritis of the upper extremity patient outcomes after complex fractures.
 - Basic science : biomechanics of internal fixative and fracture healing
flavonoid and osteoarthritis
- * Academic Works :
 - Minimally invasive coracoclavicular stabilization with suture anchors for acute acromioclavicular dislocation. Am J Sports Med. 2008 May;36(5):961-5.
 - Operative Treatment of Displaced Intercondylar Fracture of the Distal Humerus with Reconstruction Plate. J Korean Fracture Soc, 20: 172-177, 2007.
 - Axillary Hibernoma: MRI Characteristics - A Case Report -. J Korean Orthop Assoc, 39: 335-338, 2004.

8) Kim, Bum Soo (김범수)

- * Office : 801 Jungsuk Bld
- * Tel : + 82-32-890-2916
- * E-mail : bskim.os@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D candidate: Inha university graduate school
 - M.S. : Yonsei university graduate school

* Research Area : Foot and Ankle Surgery, Tendinopathy

* Academic Works :

-Total ankle replacement in association with hindfoot fusion: outcome and complications, Journal of Bone and Joint Surgery British, 2010.

-Total Ankle Replacement for the Varus Unstable Osteoarthritic Ankle, Techniques in Foot & Ankle Surgery, 2010.

9) Kwon, Dae Kyu (권대규)

* Office : 801 Jungsuk Bld

* Tel : + 82-32-890-2916

* E-mail : oskwon@inha.ac.kr

* Homepage : http://

* Academic Works :

- Transcultural adaptation and validation of the Korean version of the Pediatric Outcomes Data Collection Instrument (PODCI) in children and adolescents.

Kwon DG, Chung CY, Lee KM, Lee DJ, Lee SC, Choi IH, Cho TJ, Yoo WJ, Park MS.

J Pediatr Orthop. 2011 Jan-Feb;31(1):102-6.

-Measuring acetabular dysplasia in plain radiographs.

Lee YK, Chung CY, Koo KH, Lee KM, Kwon DG, Park MS.

Arch Orthop Trauma Surg. 2011 Mar 1.

- Validity of gait parameters for hip flexor contracture in patients with cerebral palsy.

Choi SJ, Chung CY, Lee KM, Kwon DG, Lee SH, Park MS.

J Neuroeng Rehabil. 2011 Jan 23;8:4.

◆ Plastic Surgery

1) Hwang, Kun (황건)

* Office : Jungseok B/D c-704

* Tel : +82-32-890-3514

* E-mail : jokerhg@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Medicine / Seoul National University / Korea

- M.S. : Medicine / Seoul National University / Korea

* Research Area : Surgical Anatomy, wound healing

* Academic Works :

- Anatomy of Tympanoparotid Fascia Relating to Neck Lift. / Journal of Craniofacial

- Surgery, vol. 19, No. 3, pp. 648-651, 2008
- Surgical Anatomy of Retaining Ligaments in the Periorbital Area. / Journal of Craniofacial Surgery, vol. 19, No. 3, pp. 800-804, 2008
 - Posterior Cutaneous Nerve of the Thigh Relating to the Restoration of the Gluteal Fold / Annals of Plastic Surgery, Vol. 60, No. 4, pp. 357-361, 2008

2) Ki ,Sae Hwi(기세희)

* Office : JeongSeok Building 811

*Tel : +82-32-890-3561

*E-mail : mdki67@inha.ac.kr

*Homepage :

*Educational Background :

- Ph.D : Physiology/ Physiology of Basic medicine/ Chung Ang University / Korea

- M.S. : Anatomy/ Anatomy of Basic Medicine /Chung Ang University / Korea

* Research Area : Vascular disease, hand surgery, reconstructive microsurgery.

* Academic Work :

Microsurgical reconstruction of soft-tissue defects in digits, Injury, Int. J. Care Injured 44 (2013) 356?360

Factors Influencing the Acceptance of Toenail-to-Fingernail Transfer, J Reconstr Microsurg : 413?418.

Hand and Wrist Trends in digital replantation, Current Orthopaedic Practice Volume 23 Number 4 , 2012

Location of the Mandibular Branch of the Facial Nerve According to the Neck Position, J Craniofac Surg 2012;23: 1488-1490

◆ Thoracic and Cardiovascular Surgery

1) Baek, Wan Ki(백완기)

* Office : Chungbuk C 730

*Phone: + 82-32-890-3578

* E-mail : wkbaek@inha.ac.kr

* Educational background

-PhD: College of Medicine, Seoul National University, Seoul, Korea

-MS: College of Medicine, Seoul National University, Seoul, Korea

*Research area: Cardiac surgery

*Academic Works

-Cho JS, Baek WK, Yoon YH, Kim J, Kim K, Hong YJ, Jun YH, Shinn HK: Surgical closure of the patent ductus arteriosus in premature infants by axillary minithoracotomy. Korean J Thorac Cardiovasc Surg 40(12):837-42, 2007.

-Baek WK, Yoon YH, Kim JT, Kim KH: Recurrent type B intramural hematoma progressed into type A acute aortic dissection in a young otherwise healthy woman: are there unknown background factors? Interact CardioVasc Thorac Surg 6(2):251-4, 2007.

-Baek WK, Cho J, Kim JT, Yoon YH, Kim KH, Lim HK, Kim L, Lee H: Systemic arterial supply to normal basal segments of the left lower lobe along with the pulmonary artery: Is lung resection warranted? J Thorac Cardiovasc Surg 131(3):742-3, 2006.

2) Kim, Joung Taek (김정택)

*Office:

*Tel: + 82-32-890-3577

*E-mail: jtkim@inha.ac.kr

*Educational backgrounds

-M.D.: College of Medicine, Yonsei University/Korea

-Ph.D: Medical Physiology/ College of Medicine, Yonsei University/Korea

*Research Area:

-Myocardial protection during cardiac surgery

-Minimal invasive incision technique during cardiac surgery

*Academic work

-Effect of Hypoxia on the vasscular tone of coronary artery, Inha Medical Journal Vol 5, No1 1998

-Use of intermittent antegrade warm blood cardioplegia in CABG, Korean J Thorac Cardiovasc Surg 2003;36:828-33

-Use of percutaneous endovascular stent graft in patients with thoracic aortic aneurysm Korean J Thorac Cardiovasc Surg 2006;39:157-61

3) Yoon, Yong Han (윤용한)

* Office : Jung-suk Building C 722

* Tel : + 82-32-890-3739

* E-mail : yoonkwon@inha.ac.kr

* Homepage

* Educational Background :

- M.S : Thoracic and Cardiovascular Surgery / Inha University /Korea

* Research Area

Lung transplantation, Lung Cancer

* Academic Works :

- Hyalinizing spindle cell tumor with giant rosettes arising in the lung : report of a case with FUS-CREB3L fusion transcripts Pat Interna 2007;57: 153-157
- Chronic aspiration of gastric fluid accelerates pulmonary allograft dysfunction in a rat model of lung transplantation J Thorac and Cardiovas Surg 2006;131:209-217
- Intermediate term follow up for R3 sympathectomy in palmar hyperhidrosis Korean J Thorac Cardiovas Surg 2004;37:530-535

◆ **Dermatology**

1) Choi, Gwang Seong(최광성)

- * Office : Jung Suk Building 720
- * Tel : + 82-32-890-2230
- * E-mail : garden@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Dermatology / Yonsei University / Korea
 - M.S. : Dermatology / Ajou University / Korea
- * Research Area : hair biology, dendritic cell, wound dressing
- * Academic Works :
 - A Case of Pincer Nail Treated Using a Shape-Memory Alloy. Dermatologic Surgery 2011;37:1536-8
 - Analysis of familial factors using the basic and specific (BASP) classification in Korean patients with androgenetic alopecia. J Am Acad Dermatol 2011;65:40-47
 - Dermatology 5th edition, Seoul:Ryo Moon Gak, 2008

2) Shin, Jeonghyun (신정현)

- * Office : Jung Suk Building 506
- * Tel : + 82-32-890-3582
- * E-mail : jshin@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Dermatology / Ewha Woman's University School of Medicine / Korea
 - M.S. : Dermatology / Ewha Woman's University School of Medicine / Korea
 - Post doc. : Dermatology / The John's Hopkins University Hospital / Baltimore / USA

- * Research Area : melanocyte biology, pathogenesis of pigmentary skin disorders, allergic skin disease, dermatopathology
- * Academic Works :
 - Skin rejuvenating effects of chemical peeling: a study in photoaged hairless mice. *Int J Dermatol* 2011;50(9):1075-1082
 - Preservation of melanoblasts of white hair follicles of segmental vitiligo lesions: A preliminary study. *JEADV* 2011;25(2):240-242
 - A stimulatory effect of *Cassia occidentalis* on melanoblast differentiation and migration. *Arch Dermatol* 2011;303(3):211-216
 - Dermatopathology, 2nd ed, Seoul: Hanwoori, 2010

◆Urology

1) SUH, Jun-Kyu (서준규)

- * Office : National Research Lab of Regenerative Sexual Medicine, Clinical Research Center, Jeong-Suk Bldg. A-Dong, 2nd Floor
- * Tel : + 82-32-890-2466
- * E-mail : jksuh@inha.ac.kr
 - * Educational Background :
 - M.D. : Urology / Yonsei University / Korea
 - Ph.D. : Biochemistry / Yonsei University / Korea
- * Research Area :
 - Regenerative Sexual Medicine
 - Therapeutic angiogenesis using gene, protein and cell
 - TGF- β and anti-TGF- β in sexual dysfunction
- * Academic Works :
 - Role of Increased Penile Expression of Transforming Growth Factor- β 1 and Activation of the Smad Signaling Pathway in Erectile Dysfunction in Streptozotocin-Induced Diabetic Rats. *J Sexual Med* 2008 Oct;5(10):2318-29, 2008
 - Efficient gene expression system using the -RTP801 promoter in the corpus cavernosum of high-cholesterol diet-induced erectile dysfunction rats for gene therapy. *J Sex Med* 5(6):1355-64, 2008
 - Combined Angiopoietin-1 and Vascular Endothelial Growth Factor Gene Transfer Restores Cavernous Angiogenesis and Erectile Function in a Rat Model of Hypercholesterolemia. *Mol Ther* 13(4):705-715, 2006

2) Park, Won Hee (박원희)

- * Office : Jung-Seok Bld, 8th Floor
- * Tel : + 82-32-890-3563
- * E-mail : drwonhee@inha.ac.kr
- * Homepage : <http://>
- * Educational Background : ,
 - Ph. D : Urology / Seoul national university / Korea
 - M.S. : Urology / Seoul national university / Korea
- * Research Area : Voiding dysfunction, Urinary incontinence, Bladder tumor
- * Academic Works :
 - Upper urinary tract cholesteatoma misdiagnosed as a ureteral tumor. J Urol 2000;164:120-121.
 - Combination treatment with propiverine hydrochloride plus doxazosin controlled release gastrointestinal therapeutic system formulation for overactive bladder and coexisting benign prostatic obstruction: a prospective, randomized, controlled multicenter study. J Urol. 2005 Oct;174(4 Pt 1):1334-8.
 - Health-related quality of life and sexual function in women with stress urinary incontinence and overactive bladder. International Journal of Urology 2008; 15, 62-7

3) Yoon, Sang Min (윤상민)

- * Office : Jung-Seok Bld, 5th Floor
- * Tel : + 82-32-890-3439
- * E-mail : uroyoon@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Urology / Hanyang University / Korea
 - M.S. : Urology / Hanyang University / Korea
- * Research Area : Urology, Oncology, Prostate
- * Academic Works :
 - The Significance of periurethral fibrosis and the change of nitric oxide synthase containing nerves in the urethra of diabetic rats. Korean J Urol. 2007. 48. 1050-1057
 - The value and limitations of intravesical prostaglandin E2 (PGE2)- induced bladder hyperactivity bladder model in normal, conscious Sprague-Dawley rats. Korean J Urol. 2008.49.526-532.
 - Clinical outcome of therasonic LTS and SDS-5000 for the treatment of urinary stones Korean J Urol. 2006.46.275-280.

4) Seong, Do Hwan (성도환)

- * Office : Jung-Seok Bld, 5th Floor
- * Tel : + 82-32-890-3440
- * E-mail : dhseong@inha.ac.kr
- * Homepage : none
- * Educational Background :
 - Ph. D : Pharmacology / Yeungnam University, Daegu / Korea
 - M.S. : Pharmacology / Yeungnam University, Daegu / Korea
- * Research Area : Urology, oncology, prostate
- * Academic Works :
 - Relationship between serum prostate-specific antigen and prostate volume in Korean men with benign prostatic hyperplasia: a multicentre study
BJU Int 2006;07;742
 - Detection rate of prostate cancer on biopsy according to serum prostate-specific antigen in Korean men: A multicenter study
UROLOGY 2006;67;333
 - Loss of the Smad3 expression increases susceptibility to tumorigenicity in human gastric cancer
Oncogene 2004;19;1333

5) Lee, Tack (이택)

- * Office : Jung-Seok Bld, 5th Floor
- * Tel : + 82-32-890-3448
- * E-mail : lt11@inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - Ph. D : Urology/ Yonsei University/ Korea
 - M.S. : Urology/ Yonsei University/ Korea
- * Research Area : Neurourology, Voiding dysfunction
- * Academic Works :
 - Simultaneous registration of intraabdominal and intravesical pressures during cystometry in conscious rats-Effects of bladder outlet obstruction and intravesical PGE2. Neurourol urodyn Vol. 27, No. 1, pp. 88-95, 2008
 - Urodynamic effects of a novel EP(1) receptor antagonist in normal rats and rats with bladder outlet obstruction. J Urol Vol. 177, No. 4, pp. 1562, 2007
 - Correcting congenital concealed penis: new pediatric surgical technique. Urology Vol. 65,

No. 4, pp. 789-792, 2005

6) Ryu, Ji Kan (류지간)

* Office : Jung-Seok Bld, 7th Floor

* Tel : + 82-32-890-3505

* E-mail : rjk0929@inha.ac.kr

* Homepage : <http://med.inha.ac.kr/>

* Educational Background :

- Ph. D : Urology / Inha University / Republic of Korea

- M.S. : Urology / Yonsei University / Republic of Korea

* Research Area :

Urology, Sexual dysfunction, Angiogenesis, Anti-fibrosis, Neural regeneration

* Academic Works :

- Efficient Gene Expression System Using the RTP801 Promoter in the Corpus Cavernosum of High-Cholesterol Diet-Induced Erectile Dysfunction Rats for Gene Therapy. J Sex Med. 2008 Feb 25. [Epub ahead of print].
- Combined angiopoietin-1 and vascular endothelial growth factor gene transfer restores cavernous angiogenesis and erectile function in a rat model of hypercholesterolemia. Mol Ther. 2006 Apr;13(4):705-15.
- Establishment of penile fibrosis model in a rat using mouse NIH 3T3 fibroblasts expressing transforming growth factor beta1. Biol Reprod. 2005 Apr;72(4):916-21.

◆ Otorhinolaryngology-Head & Neck Surgery

1) Jang, Tae Young (장태영)

*Office: Jung-Seok Bld, 6th Floor

*Tel:+ 82-32-890-3471

*Email: jangty@inha.ac.kr

*Homepage: <http://www.ear.co.kr>

*Education Background:

- Ph. D: Otolaryngology/Yonsei graduate school/Korea

- M.S. : Otolaryngology/Yonsei graduate school/Korea

*Research Area : Endoscopic sinus surgery/Rhinoplasty/Allergy/Sleep

*Academic Works :

- Evaluation of acoustic rhinometry in a nasal provocation test with allergic rhinitis, YH Kim, TY Yang, DY Lee, KJ Ko, SH Shin, TY Jang, Otolaryngol Head Neck Surg Jul 139(1):120-3, 2008.

-Effect of Nasal Tip Surgery on Asian Noses Using the Transdomal Suture, TY Jang, YS Choi, JK Tae, KT Kim, KS Kim, JS Choi, Aesthetic Plastic Surg May-Apr 31(2):174-8, 2007.

-Analysis of the nasal bone and nasal pyramid by three-dimensional computed tomography., SH Lee, TY Yang, GS Han, YH Kim, TY Jang, Eur Arch Otorhinolaryngol. Apr;265(4):421-4. 2008

2) Young Mo Kim (김영모)

*Office: Jung-Seok Bld, 6th Floor

*Tel: + 82-32-890-3472

*Email: [ymk416@inha.ac.kr](mailto:y mk416@inha.ac.kr)

*Homepage: <http://www.ear.co.kr>

*Education Background:

- Ph. D: Otolaryngology/Yonsei graduate school/Korea

- M.S. : Otolaryngology/Yonsei graduate school/Korea

*Research Area : laryngology/ head & neck surgery/voice & speech

*Academic Works :

-The clinical significance of atypia in thyroid fine-needle aspiration, JW Kim, IS Park, BM Kim, YM Kim, YC Chu, YU Cho, Eur Arch Otorhinolaryngol Sep 264(9):1053-7, 2007.

- Management of thyroid gland invasion in laryngopharyngeal cancer, JW Kim, GS Han, SS Byun, DY Lee, BH Cho, YM Kim, Auris Nasus Larynx Jun 35(2):209-12, 2007

- Sialoendoscopic Treatment for Radioiodine Induced Sialadenitis, JW Kim, GS Han, SH Lee, DY Lee, YM Kim, Laryngoscope Jan 117(1):133-6, 2007.

3) Kim, Kyu Sung (김규성)

*Office: Jung-Seok Bld, 6th Floor

*Tel: + 82-32-890-3620

*Email: stedmadn@inha.ac.kr

*Homepage: <http://www.ear.co.kr>, <http://www.inha-ent.com/>

*Education Background:

- Ph. D: Otolaryngology / Inha graduate school/Korea

- M.S. : Otolaryngology/ Inha graduate school/Korea

*Research Area : otology/vestibular science/aerospace medicine/Medical Device Clinical Trial

*Academic Works :

-Comparative Analysis of Vestibular Asymmetry Parameters in Acute Unilateral Peripheral

Vestibulopathy

HS Choi, KS Kim, YH Kim, IK Hwang, SY Jang, SC Lee,

J Korean Balance Society. 6(2): 202-6, 2007.

-Clinical Characteristics of Benign Paroxysmal Positional Vertigo in Korea: A Multicenter Study, SY Moon, JS Kim, BK Kim, JI Kim, H Lee, KS Kim, et al, J Korean Med Sci. 21(3): 539-43, 2006.

-Effects of galvanic vestibular stimulation on the subjective visual vertical, SH Bae, BM Kim, HS Choi, KS Kim, Korean J

4) Lim, Jae Yol (임재열)

* Office : Jungsuk building room 810

* Tel : +82-32-890-3570

* E-mail : jylim@inha.ac.kr

* Homepage : <http://www.inha-ent.com/>

* Educational Background :

- Ph. D : Otorhinolaryngology, Yonsei University

- M.S. : Otorhinolaryngology, Yonsei University

* Research Area : Tissue engineering, Radioprotection, Laryngology, Head and Neck Oncology

* Academic Works :

- Preservation of Viscoelastic Properties of Vocal Folds after Implantation of Hyaluronic Acids in an in vivo Rabbit Model

- Potential pitfalls and therapeutic implications of pretherapeutic radiologic staging in glottic cancers, Acta Otolaryngologica, 2011

5) Kim, Young Hyo(김영효)

* Office : Jung-Seok Bldth floor

*Tel : + 82-32-890-2437,

*E-mail : inhaorl@inha.ac.kr

*Homepage :

*Educational Background :

- Ph. D : Otorhinolaryngology / Inha University, College of Medicine /

- M.S. : Otorhinolaryngology / Inha University, College of Medicine

* Research Area :

* Academic Work :

- Chang GU, Jang TY, Kim KS, Choi H, Kim YH. Nonspecific hyper-reactivity and localized allergy: cause of discrepancy between skin prick and nasal provocation test. Otolaryngol Head Neck Surg 2014;150(2):194-200.
- Kim YH, Jang TY. Porous high-density polyethylene in functional rhinoplasty: Excellent long-term aesthetic results and safety. Plast Surg 2014;22(1):14-7.
- Kim KS, Kim YH, Hwang Y, Kang B, Kim DH, Kwon YS. Epileptic nystagmus and vertigo associated with bilateral temporal and frontal lobe epilepsy. Clin Exp Otorhinolaryngol 2013;6(4):259-62.
- Kim YH, Jang TY. Subjective Cold Hyperresponsiveness Grade Reflects Age- and Duration-Related Increase of Nonspecific Nasal Hyperreactivity. Auris Nasus Larynx 2013;40(2):184-8.
- Kim YH, Jang TY. Nasal provocation test using allergen extract versus cold dry air provocation test: which and when? Am J Rhinol Allergy 2013;27(2):113-7.

◆ Ophthalmology

1) Moon, Yeon Sung (문연성)

* Office : 5th floor, Jungseok C Building

* Tel : + 82-32-890-3407

* E-mail : DrMYS@inha.ac.kr

* Educational Background :

- Ph. D : Ophthalmology/ Chungang University, College of Medicine/ Republic of Korea

- M.S. : Ophthalmology/ Chungang University, College of Medicine/ Republic of Korea

* Research Area : Uvea, Retina, Vitreous surgery and Retina Laser treatment

* Academic Works :

- The Effectiveness Of Internal Limiting Membrane Peeling On Vitrectomy Patients With Diabetic Macular Edema, Korean Journal of Ophthalmology, B928:45, 2006.

- A convenient method to concentrate triamcinolone acetonide for intravitreal injection, Retina-The Journal of Retinal and Vitreous Diseases, 25:1107~1108, 2005.

- Systemically Expressed Soluble Tie2 Inhibits Intraocular Neovascularization., Human Gene Therapy, 12(7):1311~1321, 2001.

2) Chin, Hee Seung(진희승)

* Office : 5th floor, Jungseok C Building

* Tel : + 82-32-890-3408

* E-mail : hschin@inha.ac.kr

- * - Ph. D : Ophthalmology / Yonsei University, College of Medicine / Republic of Korea
- M.S. : Ophthalmology / Yonsei University, College of Medicine / Republic of Korea
- * Research Area : Retina, Vitreous, Cataract
- * Academic Works :
 - Association between complement factor H gene polymorphisms and neovascular age-related macular degeneration in Koreans, Investigative Ophthalmology & Visual Science, 49(5):2071~2076, 2008.
 - Difference in Clearance of Intravitreal Triamcinolone Acetonide Between Vitrectomized and Nonvitrectomized Eyes, Retina-The Journal of Retinal and Vitreous Diseases, 25(5):556~560, 2005.
 - A convenient method to concentrate triamcinolone acetonide for intravitreal injection, Retina-The Journal of Retinal and Vitreous Diseases, 25(8):1107~1108, 2005.

3) Kang, Sung Mo (강성모)

- * Office : Jung-Seok Bld 6th floor
- * Tel : + 82-32-890-0000
- * E-mail : ksm0724@inha.ac.kr
- * Educational Background :
 - M.S. : Ophthalmology / Inhai University, College of Medicine / Republic of Korea
- * Research Area : Pediatric Ophthalmology
- * Academic Works :
 - Effectiveness of ILM Peeling on Vitrectomy Patients with Diabetic macular edema, J Korean Ophthalmol Soc 48(6):799-807, 2007
 - A Case of Parinaud Syndrome After Intracranial Hemorrhage, J Korean Ophthalmol Soc 50(1):172-175, 2009
 - Comparison of RNFL Thickness among Normal, Glaucoma Suspect and Glaucoma in children, J Korean Ophthalmol Soc 50(1):113-119, 2009
 - Factors Affecting the Visual Outcome after Scleral Buckle in Rhegmatogenous retinal detachment involving macula, J Korean Ophthalmol Soc 48(6):815-821, 2007
 - Intravitreal triamcinolone acetonide injection at the time of Pars plana vitrectomy for retained lens material, Korean Journal of Ophthalmology 23(1):13-16, 2009
 - Comparison of RNFL Thickness among Normal, Glaucoma Suspect and Glaucoma in Children, J Korean Ophthalmol Soc 2009 Jan 050(01): 113-119.

4) Kim, Na Rae (김나래)

- * Office : Jung-Seok Bld 8th floor

* Tel : + 82-32-890-2400

* E-mail : nrkim@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Ophthalmology / Inha University School of Medicine / Korea

- M.S. : Ophthalmology / Inha University School of Medicine / Korea

* Research Area : Glaucoma, Cornea, Cataract

* Academic Works :

- Factors associated with false-positives in retinal nerve fiber layer color codes from spectral-domain optical coherence tomography. *Ophthalmology*. 2011; 118(9): 1774-81.

- Determinants of perimacular inner retinal layer thickness measured by Fourier-domain optical coherence tomography. *Invest Ophthalmol Vis Sci*. 2011; 52(6): 3413-8.

- Spectral-domain optical coherence tomography for detection of localized retinal nerve fiber layer defects in patients with open-angle glaucoma. *Arch Ophthalmol*. 2010; 128(9): 1121-8.

◆ Radiology

1) Suh, Chang Hae (서창해)

* Office : Jungseok building room 525

* Tel : + 82-32-890-3401

* E-mail : suhchae@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph.D : Radiology Medicine / Seoul National University

- M.S : Radiology Medicine / Seoul National University

- M.D : Medicine / Seoul National University

* Research Area : Magnetic Resonance Imaging and Spectroscopy

* Academic Works :

- Differentiation of Recurrent Rectal Cancer and Postoperative Fibrosis : Preliminary Report by Proton MR Spectroscopy / *대한자기공명의과학회지*, 8권, pp.24-31, 2004

- In-vivo Proton Magnetic Resonance Spectroscopy in Adnexal Lesions / *Korean Journal of Radiology*, Vol.3, No.2, pp.105-112, 2002

- 국소성 간병변의 생체 양자 자기공명분광 소견: 초기경험. / *대한방사선의학회지*, Vol.45, No.1, pp.21-28, 2001

2) Kim, Won Hong (김원홍)

* Office :

* Tel : + 82-32-890-2920

* E-mail : kwh2701@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph.D : Seoul National University

- M.S :

* Research Area :

* Academic Works :

- Chronic, reactive condition of the oral cavity simulating mucosal carcinomas CT and MR imaging findings with pathologic correlation in five patients, CLINICAL IMAGING, 29, pp406~411, 2005

- Arteriovenous Fistula Complicated by Popliteal Venous Access for Endovascular thrombolytic Therapy of Deep Vein Thrombosis, 대한영상의학회지(JOURNAL OF THE KOREAN RADIOLOGICAL SOCIETY), 59, pp235~239, 2008

- Evaluation of deep vein thrombosis with multidetector row CT after orthopedic arthroplasty: a prospective study for comparison with Doppler sonography, KOREAN JOURNAL OF RADIOLOGY, 9, pp59~66, 2008

- MR Imaging in a child with Scurvy: a case report, KOREAN JOURNAL OF RADIOLOGY, 8, pp443~447, 2007

3) Lim, Myung Kwan (임명관)

* Office :

* Tel : + 82-32-890-2769

* E-mail : kanlim@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph.D : Radiology / Seoul National University /Korea

- M.S : Radiology / Seoul National University /Korea

* Research Area : Neuroradiology

* Academic Works :

- Systemic lupus erythematosus: Brain MR imaging and single-voxel hydrogen 1 MR spectroscopy. / Radiology 2000; 217: 44-47

- Functional brain imaging using a long intravenous half-life gadolinium-based contrast agent. / American Journal of Neuroradiology 2006; 27: 1467-1471

- Fire-related post-traumatic stress disorder: Brain 1H MR spectroscopic findings. / Korean Journal of Radiology 2003; 4: 79-84

4) Kim, Mi Young (김미영)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-2769

* E-mail : mykim@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph.D : Radiology / Ewha Womans University / Korea

- M.S : Radiology / Chonbuk University / Korea

* Research Area : Abdominal Imaging, CT, MRI

* Academic Works :

- CT features of appendiceal serositis in pelvic inflammatory disease: comparison with pathologic findings. / Journal of Computer Assisted Tomography, 31(1), pp.104-108, 2007

- CT of acute lower GI bleeding in chronic cholecystitis: concomitant pseudoaneurysm of cystic artery and cholecystocolonic fistula. / Clinical Radiology, 61: 634-636, 2006

- MR imaging of bowel ischemia induced by ligation of superior mesenteric artery and vein in a cat model. / Journal of Computer Assisted Tomography, 28(2), pp.187-192, 2004

5) Cho, Soon Gu(조순구)

* Office : Jung-Seok Bld, 5th Floor

* Tel : + 82-32-890-2769

* E-mail : 199032@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph.D : Medicine / Inha University /Korea

- M.S : Medicine / Inha University /Korea

* Research Area : Abdominal radiology, MR spectroscopy(General), Interventional radiology

* Academic Works :

- Chronic hepatitis : In Vivo Proton MR Spectroscopic Evaluation of the Liver and Correlation with Histopathologic findings. / Radiology, vol. 221, pp. 740-746, 2001

- Gallbladder carcinoma and chronic cholecystitis: differentiation with two-phase spiral CT. / Abdom Imaging, vol.29(1), pp.102-108, 2004

- Differentiation of chronic focal pancreatitis from pancreatic carcinoma by in vivo proton magnetic resonance spectroscopy, J Comput Assist Tomogr, vol.29(2), pp.163-169,

2005

6) Lee, Kyung Hee (이경희)

* Office : Jung-Seok Bld, 5th Floor

* Tel : + 82-32-890-2770

* E-mail : khlmay@inha.ac.kr

* Homepage : <http://medicine.inha.ac.kr>

* Educational Background :

- Ph.D : Medicine / Inha University / Korea

- M.S : Medicine / Inha University / Korea

* Research Area : Thoracic radiology

* Academic Works :

- Spectrum of Esophageal Abnormality seen on Thoracic CT. / Journal of the Korean radiological society, Vol.54, No.4, pp.273-282, 2008.

- Mesenchymal Tumors of the Thorax : CT Findings and Pathological Features. / Clinical Radiology, 2003: 58(12): 934-944.

- The Radiologic Differential Diagnosis of Diffuse Lung Diseases Characterized by Multiple Cysts or Cavities. / Journal of Computer Assisted Tomography, 2002:26(1):5-12.

7) Jeon, Yong Sun (전용선)

* Office : Jung-Seok Bld, 5th Floor

* Tel : + 82-32-890-2769

* E-mail : radjeon@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph.D : Radiology / Kangwon University / Korea

- M.S : Radiology / Inha University / Korea

* Research Area : Molecular imaging, Drug delivery system

* Academic Works :

- Is it from the mesentery or the omentum? : MDCT features of various pathologic conditions in intraperitoneal fat planes. / Surg Radiol Anat, 2008, Jul, 4.

- Cavernous hemangioma of the spermatic cord in a child. / Pediatr Radiol, 2006: 36: 1323-5.

- Superior Vena Cava syndrome caused by encircling soft tissue. / Koran J Intern Med, 2007: 22: 118-21.

8) Kim, Youn Jeong (김윤정)

* Office :Inha hospital 1st basement Floor

* Tel : + 82-32-890-2769

* E-mail : kimyj@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph.D : Medical / Chonnam national university / Korea

- M.S : Medical / Chonnam national university / Korea

* Research Area : breast

* Academic Works :

- A case of breast sparganosis : MR finding and ultrasonographic finding. / European Journal of Radiology Extra, Vol 64, pp63-65, 2007.

- Microinvasive ductal carcinoma arising within a fibroadenoma : A case report / Acta Radiologica, Vol.47, pp643-645, 2006.

- Categorization and evaluation of usefulness of breast lesions with using ultrasound BI-RADS / Journal of the Korean Radiological Society. Vol.54, pp.313-318, 2006.

- Cholesterol Granuloma of the Breast: A Case Report. J Korean Radiol Soc. 2008;58:627-629

- Ultrasonographic Findings of Apocrine Lesions Arising from the Breast. J Korean Soc Radiol. 2010;62:81-85

- Extraskelatal Ewing's Sarcoma of the Breast, Mimicking Cyst. JOURNAL OF THE KOREAN SURGICAL SOCIETY. 2010;79:317-320

- Concurrent papillary carcinoma arising in thyroglossal duct cyst and thyroid gland: a case report. J Korean Radiol Soc 2011;64:445-448

- Ectopic hidradenoma papilliferum of the breast: ultrasound finding. J Breast Cancer 2011;14:153-155

9) Kim, Yeo Ju (김여주)

* Office : Jung-Seok Bld 5th floor

* Tel : +82-32-890-2740

* E-mail : kimyeoju@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Meicine / Catholic University of Korea / Korea

- M.D. : Medicine / Gyeong sang National University / Korea

* Research Area : Diagnostic Radiology (Korean Board of Radiology)

* Academic Works :

10) Yoo Hyunkyung (유현경)

* * Office : JeongSeok Building 809

* Tel : +82-32-890-2128

* E-mail : yhk_00@inha.ac.kr

* Homepage : http://inha.com

* Educational Background :

- Ph. D : Radiology/ Inha College of Medicine/Korea.

- M.S. : Radiology/Ulsan College of Medicine/Korea

* Research Area : Breast imaging (breast cancer), thyroid imaging(thyroiditis, thyroid cancer)

* Academic Works :

- Preoperative portal vein embolization using an amplatzer vascular plug. Eur Radiol (2009) 19: 1054?1061

- Sequential Transcatheter Arterial Chemoembolization and Portal Vein Embolization versus Portal Vein Embolization Only before Major Hepatectomy for Patients with Hepatocellular Carcinoma. Ann Surg Oncol (2011) 18:1251?1257

◆ **Anesthesiology & Pain Medicine**

1) **Lee, Doo Ik (이두익)**

* Office : Jung-Seok Bld 5th floor

* Tel : + 82-32-890-3423

* E-mail : leedooik@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Biochemistry, Medicine / Kyung Hee University / Korea

- M.S.: Anesthesiology / Kyung Hee University / Korea

- MBA: Medical Management / Kyung Hee University / Korea

* Research Area:

Pain Management (Neuropathic Pain, Central Pain, Headache)

* Academic Works:

- Correlation between the changes of pain and temperature by infrared thermography in

central poststroke pain. Key Engineering Materials 2006; 321-323 p 831-4.

- (Developing Neuropathic Pain Treatment Guidelines for Asia Pacific Pain Practice 2009; 9(4): 322-323.

- Efficacy and Tolerability of Pregabalin Using a Flexible, Optimizing Dose Shedule in Korean Patients With Peripheral Neuropathic Pain. Clinical Therapeutics 2010; 32(14): 2370-2385.

2) Cha, Young Deog (차영덕)

- * Office : Jung-Seok Bld, 5th Floor
- * Tel : +82-32-890-3963
- * E-mail : ydchaan@hanmail.net
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Biochemistry / Soonchunhyang University / Korea
 - M.S.: Anesthesiology / Han yang University / Korea
- * Research Area :
 - Pain Management (Cancer Pain, Chronic Pain), Obstetric Anesthesia
- * Academic Works :
 - Depth by ultrasound from skin surface to the C6 transverse process while applying pressure.
Pain Medicine 2011; 12: 1026-1031.
 - An Anesthetic Experience in a Patient with Menkes Disease -A case report-Korean J of Anesthesiol 2007; 53: 672-5.
 - Cardiac arrest caused by intramyometrial infiltration of vasopressin during dilation and curettage under general anesthesia.-A case report- Korean J of Anesthesiol 2007; 53: 664-7.

3) Lee , Choon Soo (이춘수)

- * Office: Jung-Seok Bld, 5th Floor
- * Tel : +82-32-890-3930
- * E-mail : csleean@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D :
 - M.S. :
- * Research Area :
 - Cardio-thoracic Anesthesia, Intensive care medicine
- * Academic Works :

- Anesthetic management of early ligation of patent ductus arteriosus for premature infants

in the neonatal intensive care unit. Korean J Anesthesiol 2008; 54: 53-7.

- Acute Hepatic Failure after Sevoflurane Anesthesia in Pediatric Patient - A case report

-

Korean J of Anesthesiol 2007; 53: 781-4.

- Evaluation of serial haemodynamic changes during coronary artery anastomoses in patients undergoing off-pump coronary artery bypass graft surgery: initial experiences using two deep pericardial stay sutures and octopus tissue stabilizer. Eur J Cardiothorac Surg 2004; 25: 978-84.

4) Jung, Jong Kwon, (정종권)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3938

* E-mail : ckchung@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D :

- M.S. : Anesthesiology / INHA University / Korea

* Research Area :

- Neuroanesthesia and Brain Protection, Dental Anesthesia

* Academic Works :

- Complete spinal cord injury treatment using autologous bone marrow cell transplantation and bone marrow stimulation with granulocyte macrophage-colony stimulating factor: Phase I/II clinical trial. Stem Cells 2007; 25: 2066-73.

- Epidural tezampanel, an AMPA/kainate receptor antagonist, produces postoperative analgesia in rats. Anesth Analg 2007; 105: 1152-9.

- Iatrogenic vertebro-vertebral arteriovenous fistula associated with internal jugular vein

catheterization - A case report -. Korean J of Anesthesiol 2007; 53: 806-9.

5) Han, Jeong Uk(한정욱)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3969

* E-mail : jwhanan@naver.com

* Homepage : <http://>

* Educational Background :

- Ph. D : Anesthesiology / Hanyang University / Korea
- M.S. : Anesthesiology / Hanyang University / Korea

* Research Area :

- Neuromuscular Blocking Agents, Smooth Muscle, Geriatric Anesthesia

* Academic Works :

- Methionine and its derivatives increase bladder excitability by inhibiting stretch-dependent K(+) channels. Br J Pharmacol 2008;153:1259-71.
- Functional and molecular identification of pH-sensitive K+ channels in murine urinary bladder smooth muscle. BJU Int 2008; 102: 113-24.
- Effects of transection injury and local infiltration of phenol at the sciatic nerve on c-fos expression in the spinal cords of rats. Korean J of Anesthesiol 2000; 38: 894-903.

6) Lim, Hyun Kyoung(임현경)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3920

* E-mail : hkLiman@naver.com

* Homepage : <http://>

* Educational Background :

- Ph. D :
- M.S. : Anesthesiology / INHA University / Korea

* Research Area :

- Cardio-Thoracic anesthesia, Intravenous Anesthesia

* Academic Works :

- Endothelial arginase II: a novel target for the treatment of atherosclerosis. Circ Res 2008; 102:923-32.
- Mitochondrial arginase II constrains endothelial NOS-3 activity. Am J Physiol Heart Circ Physiol 2007; 293: H3317-24.
- Modified submental orotracheal intubation using the blue cap on the end of the thoracic catheter. Yonsei Med J 2003; 44: 919-22.

7) Song, Jang Ho (송장호)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3948

* E-mail : jhs@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Anesthesiology / INHA University / Korea

- M.S. : Anesthesiology / INHA University / Korea

* Research Area :

- Anesthesia for organ transplantation, Effects of anesthetic drugs on smooth muscle function

* Academic Works :

- Alterations in QT Interval in Patients Undergoing Living Donor Liver Transplantation.
Transplantation Proceedings 2011; 43: 170-173.

- Identification of histamine receptors and effects of histamine on murine and simian colonic excitability. Neurogastroenterology And Motility 2011; 23: 949-e409.

- Depth by ultrasound from skin surface to the C6 transverse process while applying pressure.
Pain Medicine 2011; 12: 1026-1031.

8) Shinn, Helen Ki (신 헬렌키)

* Office : Jung-Seok Bld, 5th Floor

* Tel : +82-32-890-3948

* E-mail : helenshinn@hanmail.net

* Homepage : <http://>

* Educational Background :

- Ph. D : Anesthesiology / INHA University / Korea

- M.S. : Anesthesiology / INHA University / Korea

* Research Area :

- Cardio-Thoracic anesthesia, Intravenous anesthesia, Pharmacogenomics

* Academic Works :

- Genetic polymorphisms in the ABCB1 gene and the effects of fentanyl in Koreans.
Clin Pharmacol Ther 2007;81:539-46.

- Motor and sensory block of both upper and lower extremities following axillary brachial plexus block using a transarterial approach. Acta Anaesthesiol Scand 2007; 51: 514.

- Evaluation of serial haemodynamic changes during coronary artery anastomoses in patients undergoing off-pump coronary artery bypass graft surgery: initial experiences using two deep pericardial stay sutures and octopus tissue stabilizer. Eur J Cardiothorac Surg 2004; 25: 978-84.

◆ **Psychiatry**

1) Kang, Min Hee (강민희)

*Office: jungsuk 6th floor

*Tel: + 82-32-890-3477

*E-mail: kmh4317@inha.ac.kr

*Education Background: School of Medicine, Seoul National University, MD, PhD. /Korea

*Research Area: Adult Psychiatry, Psychotherapy, Mood disorder

*Academic Works

- Segmented volumes of cerebrum and cerebellum in first episode schizophrenia with auditory hallucinations. Psychiatry Research: Neuroimaging 2005
- Standardization of Korean version of Montgomery-Asberg Depression Rating Scale. Journal of Korean Neuropsychiatry Association, 2005

2) Kim, Chul Eung(김철웅)

*Office: jungsuk 6th floor

*Tel: + 82-32-890-3475

*E-mail: kce320@inha.ac.kr

*Education Background: College of Medicine, Seoul National University, MD, PhD./Korea

*Research Area: Schizophrenia Research, Early Psychosis, Psychopharmacology

*Academic Works

- Plasma concentrations of clozapine and its metabolites and FMO3 variations in Korean schizophrenic patients. Kor J Biol Psychiatry 2006; 13:357-366.
- Prevention of Olanzapine-induced toxicities of weight gain and inflammatory reactions by coadministration with green tea or its major component phenolic epigallocatechin 3-gallate in mouse, Molecular & cellular toxicology3(2) 127-131,2007
- Polymorphic lengths of dinucleotide repeats in upstream of human nNOS exon 1f gene play a role in modulating the nNOS transcription. Molecular & cellular toxicology4(1) 11-15,2007

3) Lee, Jeong Seop (이정섭)

*Office: jungsuk 6th floor

*Tel: + 82-32-890-3474

*E-mail: soulfree@inha.ac.kr

*Education Background: College of Medicine, Seoul National University, MD, PhD./Korea

*Research Area: Neuroimaging , Child and Adolescent Psychiatry

*Academic Works:

- Abnormal Thalamic Volume in Treatment-Naïve Boys with Tourette Syndrome., Acta Psychiatrica Scandinavica 113: 64-67

-Segmented volumes of cerebrum and cerebellum in first episode schizophrenia with auditory hallucinations., Psychiatry Research – Neuroimaging 30;138(1) : 33-42

-MRI study of corpus callosum in patients with major depressive disorder., Korean J Depressive and Bipolar Disorders 3 : 11-16

4) Bae, Jae Nam (배재남)

*Office: jungsuk 6th floor

*Tel: + 82-32-890-3592

*E-mail: jnbae@inha.ac.kr

*Education Background: College of Medicine, Seoul National University, MD,PhD./Korea

*Research Area: Geriatric Psychiatry, Neuropsychological Assessment

*Academic Works

-Lifetime and 12-Month Prevalence of DSM-IV Psychiatric Disorders Among Korean Adults., J Nerv Ment Dis 195, 2007, 195(3), 203-210.

-Widespread Effects of Hyperintense Lesion on Cerebral White Matter Structure., AJR AM J Reontgeonol 188 (6), 2007, Jun, 1695-1704

-Economic and Clinical Benefits of Galantamine in the Treatment of Mild to Moderate Alzheimer's Disease in a Korean Population: a 52-week prospective study., J Korean Med Sci. 2008 Feb;23(1):10-7.

◆ Radiation Oncology

1) Kim, Woo Chul (김우철)

* Office : *Office: jungsuk 6th floor

* Tel : + 82-32-890-3070

* E-mail : cancer@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Pathology/ Inha University / Korea

- M.S. : Radiation Oncology / Kunkuk University/ Korea

* Research Area :

Lung cancer, gastrointestinal cancer, Brain tumor, Soft tissue sarcoma, and head and neck cancer

* Academic Works :

- Rectum dose analysis employing a multi-purpose brachytherapy phantom. Jpn J Clin Oncol 2007; 37: 391-8

- Tumor volume and uterine body invasion assessed by MRI for prediction of outcome in cervical carcinoma treated with concurrent chemotherapy and radiotherapy. Jpn J Clin Oncol 2007; 37: 858-66
- A case of cystic duct carcinoma treated with surgery and radiotherapy. J Gastr Liv Dis 2007; 437: 16-24

2) Kim, Hun Jung (김현정)

- * Office : jungsuk 7th floor
- * Tel : + 82-32-890-3070
- * E-mail : cancerovercome@inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - M.S. : Radiation Oncology/ inha University / Korea
- * Research Area :
 - breast cancer, genitourinary cancer, head and neck cancer
- * Academic Works :
 - Pretreatment tumor diameter/ volume and pelvic lymph node status assessed by magnetic resonance imaging for uterine cervical carcinoma treated with concurrent chemotherapy and radiotherapy. J Obstet Gynecol Res 2008; 34: 529-537
 - Comparison of the result of radiation alone and radiation with daily low dose cisplatin in management of locally advanced cervical cancer. J Korean Ther Rad Oncol 2004; 22: 200-207
 - Tumor volume and uterine body invasion assessed by MRI for prediction of outcome in cervical carcinoma treated with concurrent chemotherapy and radiotherapy. Jpn J Clin Oncol 2007; 37: 858-866

◆ Laboratory Medicine

1) Kim, Jin Ju (김진주)

- * Office: jungsuk 7th floor
- * Tel : + 82-32-890-2502
- * E-mail : jkimmd@inha.ac.kr
- * Homepage : http://
- * Educational Background :
 - Ph. D : Clinical pathology / Yonsei University / Korea
 - M.S. : Clinical pathology / Yonsei University / Korea
- * Research Area : Clinical microbiology

* Academic Works

- Biological phenotype determination with ex vivo model in gastric cancer for matrix-metalloproteinase inhibitor treatment
- Correlation of tissue and blood plasminogen activation system in breast cancer
- Two cases of Chromobacterium violaceum infection after injury in a subtropical region
- Studies on Rickettsial isolation and serological tests for the diagnosis of tsutsugamushi disease

2) Choi, Jong Weon(최종원)

* Office : jungsuk 7th floor

* Tel : + 82-32-890-2503

* E-mail : jwchoi@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Clinical pathology / Kyung Hee University/ Korea

- M.S. : Clinical pathology / Kyung Hee University/ Korea

* Research Area : Clinical chemistry

* Academic Works :

- Serum Transferrin Receptor Concentrations during Normal Pregnancy
- Change in Erythropoiesis with gestational Age during Pregnancy
- Erythropoietic Activity and Soluble Transferrin Receptor Level in Neonates and Maternal Blood
- Serum Lipid Concentration Change with Serum Alkaline Phosphatase Activity During Pregnancy

3) Nahm, Chung Hyun(남정현)

* Office : jungsuk 7th floor

* Tel : + 82-32-890-2504

* E-mail : nahm@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Clinical pathology / Yonsei University / Korea

- M.S. : Clinical pathology / Yonsei University / Korea

* Research Area : Serology, Transfusion medicine

* Academic Works :

- Complete Spinal Cord Injury Treatment using Autologous Blood Bone Marrow Cell

Transplantation and Bone Marrow Stimulation with Granulocyte Macrophage-Colony
Stimulating Factor: Phase I/II Clinical Trial

- The Effect of blood Transfusion on Cytokine Production
- CD34 Analysis according to ISHAGE guideline

4) Moon, Yeon Sook (문연숙)

* Office : jungsuk 7th floor

* Tel : + 82-32-890-2523

* E-mail : moonys@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Clinical pathology / Catholic University / Korea

- M.S. : Clinical pathology / Catholic University / Korea

* Research Area : Diagnostic hematology, cytogenetics

* Academic Works :

- Leukemia with a Variant Philadelphia Translocation:t(11;22)(q25;q11.2)
- Double Minutes Containing C-MYC oncogene with a Normal Karyotype in Acute Myelogenous Leukemia ; A Case report.
- Plasma Soluble Interleukin-2 Receptor (sIL-2R) Levels in Patients with Acute Leukemia.
- Arsenic Trioxide (As₂O₃) Sensitivity of Carcinoma Cell Lines and Cancer Cells from Patients with Carcinomatosis Peritonei.

◆Neurology

1) Ha, Choong Kun (하충건)

* Office : jungsuk 5th floor

* Tel : + 82-32-890-3419

* E-mail : ckha@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Neurology/ Seoul National University/ Korea

- M.S. : Neurology/ Seoul National University/ Korea

* Research Area : Movement disorder, Degenerative disease

* Academic Works :

- Ha CK, Na DR, Hong SB, Lee KW, Myung HJ. The Clinical Application of Visual Evoked Potentials in Diagnosis of Multiple Sclerosis. Korean-J-Neurology 1988;6(2):158-168.

-Ha CK, Roh JK, Lee SB, Myung HJ, Han DH, Chang KH. A Clinical Study of 17 Patients with Syringomyelia. Korean-J-Neurology 1987;5(2):132-141.

-Ha CK, Kang SY, Rha JH, Lee IK. A Case of Fly Catcher's Tongue Phenomenon in Hallervorden-Spatz Disease. J Korean Neurol Assoc 2000;18(2):255-257.

2) Rha, Joung Ho (나정호)

* Office : jungsuk 5th floor

* Tel : + 82-32-890-3668

* E-mail : jhrha@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Pharmacology / Seoul National University / Korea

- M.S. : Pharmacology / Seoul National University / Korea

* Research Area : Stroke, Cerebrovascular disease

* Academic Works :

- Rha JH. Diffusion Tensor Imaging in Acute Ischemic Stroke: Usefulness of Fractional Anisotropy. Stroke 2007;38:967.

- Rha JH, Jeffrey Saver. The Impact of Recanalization on Ischemic Stroke Outcome - A Meta-Analysis, Stroke 2007;38:967-973.

- Rha JH. Cerebral Vasoreactivity by TCD and brain SPECT in patients with Unilateral Carotid Stenosis. J Korean Neurol Assoc 2005;23:601-6.

- Rha JH. VEGF protects human cerebral hybrid neurons from in vitro ischemia. Neuroreport 2004;15:847-850.

- Rha JH. Ischemic Stroke Associated with Decrease in Temperature. Epidemiology 2003;14:473-8.

- Rha JH. A case of cerebral infarct in combined antiphospholipid antibody and ovarian hyperstimulation syndrome. J Korean Med Sci 2002;17:574-6.

3) Choi, Seong He (최성혜)

* Office : jungsuk 5th floor

* Tel : + 82-32-890-3659

* E-mail : seonghye@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Preventive Medicine / Seoul National University / Korea

- M.S. : Preventive Medicine / Seoul National University / Korea

* Research Area : Dementia, Cognitive behavior disorder, Memory impairment, Aging

* Academic Works :

- Choi SH, Lee BH, Kim S, Hahm DS, Jeong JH, Yoon SJ, Jeong Y, Ha CK, Na DL. Interchanging scores between clinical dementia rating scale and global deterioration scale. *Alzheimer Dis Assoc Disord*. 2003;17(2):98-105.
- Choi SH, Lee BH, Hahm DS, Jeong JH, Ha CK, Han SH, Erzigkeit H, Na DL. Validation of the Korean version of the Syndrom Kurztest (SKT): a short test for the assessment of memory and attention. *Hum Psychopharmacol*. 2004;19:495-501.
- Choi SH, Kim S, Na HR, Kim B, Yang DW, Kwon JC, Park MY. Effect of ApoE Genotype on Response to Donepezil in Patients with Alzheimer's Disease. *Dement Geriatr Cogn Disord* 2008;25:445-450.

4) Park, Hee Kwon (박희권)

* Office : Department of Neurology, Inha University Hospital, Incheon

* Tel : +82-32-890-3418

* E-mail : parkhk@inha.ac.kr

* Educational Background : Neurology

- Ph. D : Neuroscience, Seoul National Univeristy

- M.S. : Neurology, Seoul National Univeristy

* Research Area : Stem cell, neurointervention, stroke

* Academic Works :

- Park HK, Chu K, Lee ST, Jung KH, Kim EH, Lee KB, Song YM, Jeong SW, Kim M, Roh JK. Granulocyte colony-stimulating factor induces sensorimotor recovery in intracerebral hemorrhage. *Brain Res*. 2005 Apr 18;1041(2):125-31.
- Lee ST, Chu K, Jung KH, Kim SJ, Kim DH, Kang KM, Hong NH, Kim JH, Ban JJ, Park HK, Kim SU, Park CG, Lee SK, Kim M, Roh JK. Anti-inflammatory mechanism of intravascular neural stem cell transplantation in haemorrhagic stroke. *Brain*. 2008 Mar;131(Pt 3):616-29.
- Chu K, Jung KH, Lee ST, Park HK, Sinn DI, Kim JM, Kim DH, Kim JH, Kim SJ, Song EC, Kim M, Lee SK, Roh JK. Circulating endothelial progenitor cells as a new marker of endothelial dysfunction or repair in acute stroke. *Stroke*. 2008 May;39(5):1441-7.
- Jung KH, Chu K, Lee ST, Song EC, Sinn DI, Kim JM, Kim SJ, Kim JH, Kang KM, Park HK, Lee SH, Kim M, Lee SK, Roh JK. Identification of neuronal outgrowth cells from peripheral blood of stroke patients. *Ann Neurol*. 2008 Mar;63(3):312-22.
- Park HK, Chu K, Jung KH, Lee ST, Bahn JJ, Kim M, Lee SK, Roh JK. Autophagy is involved in the ischemic preconditioning. *Neurosci Lett*. 2009 Feb 13;451(1):16-9.
- Park HK, Lee SH, Chu K, Roh JK. Effects of celecoxib on volumes of hematoma and edema

- in patients with primary intracerebral hemorrhage. J Neurol Sci. 2009 Apr 15;279(1-2):43-46.
- Park HK, Lee SY, Kim SE, Yun CH, Kim SH. Small deep white matter lesions are associated with right-to-left shunts in migraineurs. J Neurol. 2011 Mar;258(3):427-33.
 - Kim SH, Yun CH, Lee SY, Choi KH, Kim MB, Park HK. Age-dependent association between cigarette smoking on white matter hyperintensities. Neurol Sci. 2011 May 12. [Epub ahead of print]
 - Lee SH, Lee ST, Kim BJ, Park HK, Kim CK, Jung KH, Roh JK. Dynamic temporal change of cerebral microbleeds: long-term follow-up MRI study. PLoS One. 2011;6(10):e25930. Epub 2011 Oct 11.

◆Dentistry

1) Kim, Il Kyu(김일규)

- * Office : Jeong Seok B/D, Roon No. C-601
- * Tel : +82-32-890-2476
- * E-mail : kik@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Oral & maxillofacial surgery/Yonsei University/Korea
 - M.S. : Oral & maxillofacial surgery/Yonsei University/Korea
- * Research Area : Implantology, Esthetics, Pathology
- * Academic Works :
 - An experimental study on the effects of vitamin C and A of the oral tumors of hamster buccal pouch induced by 9,10-dimethyl-1,2-benzanthracene(DMBA). JKAOMS 12:93, 1986
 - Histomorphometric study of dental implants with RBM and SLA surface in the rabbit tibia. JKAOMS 32:514, 2006
 - A retrospective analysis of the medioproximal tibial bone graft for oral and maxillofacial reconstruction. JKAMPRS 30:241, 2008

2) Oh, Nam Sik(오남식)

- * Office : Seong Seok B/D Room No. C-602
- * Tel : +82-32-890-3594
- * E-mail : onsdo@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Prosthodontics/Yonsei University/Korea
 - M.S. : Prosthodontics/Yonsei University/Korea

- * Research Area : Esthetic Dentistry, Dental ceramics, Implant surface(Dental Implant), Bone graft materials(Regeneration)
- * Academic Works :
 - Factors influencing osteoblast maturation on microgrooved titanium substrata. Biomaterials 31: 3804-3815
 - Sintering Behavior and Biocompatibility of Calcium Phosphates Fabricated by Cuttlefish Bone and Phosphoric Acid. TERM 7:556-560
 - Surface microgrooves and acid etching on titanium substrata alter various cell behaviors of cultured human gingival fibroblasts COIR 20:262-272

3) Yoon, Jung Ho (윤정호)

- * Office : 6th floor, C-dong, Jungsuck B/D, 3rd ST
- * Tel : + 82-32-890-3679
- * E-mail : yunjh@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Periodontology / Yonsei University / Korea
 - M.S. : Periodontology / Yonsei University / Korea
 - D.D.S. : Dentistry / Yonsei University / Korea
 - B.S. : Life Science / Pohang University of Science and Technology(POSTECH) / Korea
- * Research Area :

- 1) Bone & Periodontal tissue regeneration
 - Growth factor & Dental stem cell
- 2) Pathogenesis of periodontal and peri-implant disease
- 3) Dental Implant
- 4) Chemical and Therapeutic agent for periodontal and peri-implant disease

- * Academic Works :
 - Yun JH, Jun CM, Oh NS. Secondary closure of an extraction socket using the double-membrane guided bone regeneration technique with immediate implant placement. Journal of Periodontal & Implant Science. 2011 Oct;41(5):253-258.
 - Choi Y, Yun JH(co-1st), Kim CS, Choi SH, Chai JK, Jung UW. Sinus augmentation using absorbable collagen sponge loaded with Escherichia coli-expressed recombinant human bone morphogenetic protein 2 in a standardized rabbit sinus model: a radiographic and histologic analysis. Clin Oral Implants Res. 2011 Jun 2. [Epub ahead of print]
 - Yun JH, Yoo JH, Choi SH, Lee MH, Lee SJ, Song SU, Oh NS. Synergistic Effect of

Bone Marrow-Derived Mesenchymal Stem Cells and Platelet-Rich Plasma on Bone Regeneration of Calvarial Defects in Rabbits. Korean Tissue Engineering and Regenerative Medicine 2012 Feb;9(1):17-23

◆ Physical & Rehabilitation Medicine

1) Jung, Han Young(정 한영)

* Office : jungsuk 6th floor

* Tel : +82-32-890-2480

* E-mail : rmjung@inha.ac.kr

* Homepage : [http:// www.inha.com](http://www.inha.com)

* Educational Background :

- Ph. D : Rehabilitation Medicine / Korea university / Korea

- M.S. : Rehabilitation Medicine / Korea university / Korea

* Research Area : Mechanisms of Motor recovery in Stroke & cerebral palsy,
Outcome measures of stroke & cerebral palsy

* Academic Works :

Books: Pediatric Rehabilitation, co-author

Translation: 1) AMA Guide to home caregiver, 2008

2) Children with Cerebral palsy, A parent's guide, 2005

* Articles

- Jung HY, Yoe KL, Park JH, Lee JJ, Kim TH,. Modulation of Motor Cortical Excitability Induced by Combined Visual Attention, 2010. KJNR:3: 106-110

- Jung HY, Ko TS, Kim HD, Yim SY, Kim MO, Hong SK. Korean Academy of Medical Sciences Pediatric Impairment Guideline for Brain Lesion, JKMS: 2009;24:S323-329

- Jung HY, Rha YW. Changing Concepts and Classifications of Disablement. 2009: JKMA: 52: 537-544

2) Kim, Chang Hwan (김창환)

* Office : jungsuk 6th floor

* Tel : + 82-32-890-0000

* E-mail : jacob.kim@inha.ac.kr

* Homepage : <http://www.inha.ac.kr>

* Educational Background :

- Ph. D : Physical and Rehabilitation Medicine / Korea university / Korea

- M.S. : Physical and Rehabilitation Medicine / Korea university / Korea

* Research Area : Peripheral neuropathy, neuropathic pain, clinical neurophysiology

* Academic Works :

- EY Han, CH Kim. Reproducibility of Nerve Conduction Study Parameters: A Comparison of Normal and Diabetic Patients with Neuropathy, Korean J Rehab Med 2007; 6: 699-704.
- H Ga, HJ Koh, JH Choi, CH Kim. Intramuscular and nerve root stimulation vs lidocaine injection to trigger points in myofascial pain syndrome. J Rehabil Med 2007; 39: 374-378
- CH Kim, HY Jung, MO Kim. The relative contributions of the medial sural and peroneal communicating nerves to the sural nerve Yonsei Med J 2006; 47: 415-422

3) Kim, Myeong Ok (김명옥)

* Office : Jeongseok C-805

* Tel : + 82-32-890-3565

* E-mail : rmkmo@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Rehabilitation Medicine / Korea University / Korea

- M.S. : Rehabilitation Medicine / Korea University / Korea

* Research Area : Spinal cord injury, developmental language disorder, Orthotics & prosthetics

* Academic Works :

- The Assessment of Walking Capacity Using the Walking Index for Spinal Cord Injury: Self-Selected Versus Maximal Levels / Archives of physical medicine & rehabilitation, Vol. 88, No. 6, pp. 762-767, 2007
- Pediatric rehabilitation, Koonja pub, 2006
- Complete Spinal Cord Injury Treatment Using Autologous Bone Marrow Cell Transplantation and Bone Marrow Stimulation with Granulocyte Macrophage-Colony Stimulating Factor: Phase I/II Clinical Trial / Stem cells, Vol. 25, pp. 2066-2073, 2007

◆Emergency Medicine

1) Han, Seung Baik (한승백)

* Office :

* Tel : + 82-32-890-2301,2304

* E-mail : LIFSAV@inha.ac.kr

* Educational Background :

- Ph. D: Pediatrics / Inha University / Korea

- M.S. : Medicine/Inha University / Korea

* Research Area : Pediatric Emergency Medicine, Environmental Emergency Medicine

* Academic Works :

2) Kim, Ji Hye (김지혜)

*Tel : + 82-32-890- 2312,

*E-mail : zihye@inha.ac.kr

* Educational Background :

- M.S. : Medicine/ Inha university/Korea

* Research Area : Advanced Cardiac Life Support, Trauma

* Academic Works :

◆Family Medicine

1) Choi, Ji-Ho (최지호)

* Office : Jeongseok 726

* Tel : +82-32-890-3504

* E-mail : wisdom@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Medicine / Kyung Hee University / Korea

- MPH : Public Health / Seoul National University / Korea

* Research Area : Life time Health Management, Counseling in Primary Care

* Academic Works :

- The development of the Korean family function assessment tool. J Korean Acad Fam Med 2000;21(8):994-1005.

- Korean Travelers ' Knowledge, Attitudes, and Practices Regarding the Prevention of Malaria: Measures Taken by Travelers Departingfor India From Incheon International Airport., J Travel Med. 2007;14(6):381-5.

- Dry needling of trigger points with and without paraspinal needling in myofascial pain syndromes in elderly patients. J Altern Complement 2007;13(6):617-24.

2) Lee, Yeon Ji (이연지)

* Office : Jungsuk building room 806

* Tel : +82-32-890-3434

* E-mail : dawndusk@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Family Medicine, Seoul National University / Korea

- M.S. : Medicine, Seoul National University / Korea

* Research Area : Obesity and Metabolic syndrome

* Academic Works :

- Adiposity and Colorectal adenomatous polyp: a meta-analysis, Cancer cause & control, 22(7):1021-35, 2011.

- Relationship between vaspin gene expression and abdominal fat distribution of Korean women, Endocrine Journal, ONLINE ISSN:1348-4540. 2011

- Patients taking medications for bipolar disorder are more prone to metabolic syndrome than Korea's general population, Progress in Neuro-Psychopharmacology & Biological Psychiatry, 34:1243-1249, 2010

◆ Biomedical Science

1) Song, Sun Uk (송순욱)

* Office : Clinical Research Center, Jeong-Suk Bldg. A-Dong, 2nd Floor

* Tel : + 82-32-890-2460

* E-mail : sunuksong@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Molecular Biology / Johns Hopkins University / USA

- M.S. : Applied Molecular Biology / University of Maryland / USA

* Research Area :

- Stem Cell Therapy

- Regeneration Medicine

- Cell-mediated Gene Therapy

* Academic Works :

- Human Bone Marrow-Derived Clonal Mesenchymal Stem Cells Inhibit inflammation and Reduce Acute Pancreatitis in Rats. Gastroenterology, 140:998-1008, 2011

- Xenoreactivity of human clonal mesenchymal stem cells in a major histocompatibility complex-matched allogeneic graft-versus-host disease mouse model. Cellular Immunology. 261:57-63, 2010.

- Variations of Clonal Marrow Stem Cell Lines Established from Human Bone Marrow in Surface Epitopes, Differentiation Potential, Gene Expression and Cytokine Secretion. Stem Cells & Development. 17:451-461.

2) Hong, Soon Sun (홍순선)

* Office : Clinical Research Center, Jeong-Suk Bldg. A-Dong, 2nd Floor

* Tel : + 82-32-890-3683

* E-mail : hongs@inha.ac.kr

* Homepage : <http://club.cyworld.com/ihdds>

* Educational Background :

- Ph. D : Pharmaceutics / Seoul National University / Korea

- M.S. : Pharmaceutics / Seoul National University / Korea

* Research Area :

- Cancer therapy using new kinase inhibitors

- Pancreatitis therapy using stem cells and natural products

- Liver cirrhosis therapy using peptide and kinase inhibitors

* Academic Works :

- Human bone marrow-derived clonal mesenchymal stem cells alleviated acute pancreatitis by inhibiting inflammatory response. Gastroenterology. 140:998-1008, 2011

- The use of low molecular weight heparin-pluronic nanogels impedes liver fibrosis by inhibiting the TGF- β /Smad signaling pathway. Biomaterials. 32(5): 1438-1445, 2011

- HS-116, a novel phosphatidylinositol 3-kinase inhibitor induces apoptosis and suppresses angiogenesis of hepatocellular carcinoma through inhibition of the PI3K/AKT/mTOR pathway. Cancer Letters 28:316(2):187-195, 2012

3) Choi, Byung Hyune (최병현)

* Office : Jeong-Suk Bldg. B-Dong, 3rd Floor

*Tel : + 82-32-890-0939

*E-mail : bryan@inha.ac.kr

* Homepage : <http://ctrc.inha.ac.kr> (<http://inha.prnmall.com>)

* Educational Background :

- Ph. D : Molecular Biology / Seoul National University / Korea

- M.S. : Molecular Biology / Seoul National University / Korea

* Research Area :

- Cell Therapy

- Regenerative Medicine

- Tissue Engineering
- Gene Therapy
- * Academic Works :
 - Complete spinal cord injury treatment using autologous bone marrow cell transplantation and bone marrow stimulation with GM-CSF: phase I/II clinical trial. *Stem Cells* 25:2066-2073, 2007.
 - GM-CSF inhibits glial scar formation and shows long-term protective effect after spinal cord injury. *J Neurol Sci* 277:87-97, 2009.
 - Gene therapy of neural cell injuries in vitro using the hypoxia-inducible GM-CSF expression plasmids and water-soluble lipopolymer (WSP). *J Contr Release* 133:60-67, 2009.
- Granulocyte macrophage-colony stimulating factor showed anti-apoptotic activity in neuronal cells via Jak/Stat5-Bcl-2 pathway. *Apoptosis* 16:127-134, 2011.

4) Suh ,Jun Kyu (서준규)

- * Office : National Research Lab of Regenerative Sexual Medicine, Clinical Research Center, Jeong-Suk Bldg. A-Dong, 2nd Floor
- * Tel : + 82-32-890-2466
- * E-mail : jksuh@inha.ac.kr
 - * Educational Background :
 - M.D. : Urology / Yonsei University / Korea
 - Ph.D. : Biochemistry / Yonsei University / Korea
- * Research Area :
 - Regenerative Sexual Medicine
 - Therapeutic angiogenesis using gene, protein and cell
 - TGF- β and anti-TGF- β in sexual dysfunction
- * Academic Works :
 - Role of Increased Penile Expression of Transforming Growth Factor- β 1 and Activation of the Smad Signaling Pathway in Erectile Dysfunction in Streptozotocin-Induced Diabetic Rats. *J Sexual Med* 2008 Oct;5(10):2318-29, 2008
 - Efficient gene expression system using the -RTP801 promoter in the corpus cavernosum of high-cholesterol diet-induced erectile dysfunction rats for gene therapy. *J Sex Med* 5(6):1355-64, 2008
 - Combined Angiopoietin-1 and Vascular Endothelial Growth Factor Gene Transfer Restores Cavernous Angiogenesis and Erectile Function in a Rat Model of

◆ **Clinical Pharmacology**

1) Cho, Sanghun (조상현)

* Office : JeongSeok Building 820

* Tel : + 82-32-890-3274

* E-mail : shcho123@inha.ac.kr

* Homepage : <http://medicin.inha.ac.kr>

* Educational Background :

- Ph. D : Clinical Pharmacology / Ulsan University / Korea

- M.S. : Preventive Medicine / Ulsan University / Korea

* Research Area : Pharmacokinetic-Pharmacodynamic modeling, clinical trial simulation, early-phase clinical development of new drugs

* Academic Works :

- Pharmacokinetic comparison of 2 formulations of anastrozole (1 mg) in healthy Korean male volunteers: a randomized, single-dose, 2-period, 2-sequence, crossover study. Clin Ther. 2012 Feb;34(2):305-13.

- The pharmacokinetics of letrozole: association with key body mass metrics. Int J Clin Pharmacol Ther. 2012 Aug;50(8):557-65.

- Assessment of the influence of severe renal impairment on the pharmacokinetics of mirodenafil in Korean male volunteers. Int J Clin Pharmacol Ther. 2012 Dec;50(12):880-8.

4. Course List

Major	Course code	Course	Credit	Taught in English
Medicine	MED5001	Medical Research Seminar1	3	x
	MED5006	Medical Research Seminar2	3	x
	MED5013	Regenerative medicine and stem cells	3	x
	MED5016	Cell Biology	3	x
	MED5021	Animals in Biomedical Research	3	x
	MED5023	Writing Skills for Medical Paper	3	x
	MED5025	Immunology	3	x
	MED5027	Molecular Biology	3	x
	MED5029	Introduction to Molecular Biology	3	x
	MED5031	Introduction to medical Statistics	3	x
	MED5032	Medical Statistics	3	x
Anatomy	MED6001	Advanced anatomy of the extremities	3	x
	MED6007	Advanced anatomy of the head and neck	3	x
	MED6013	Advanced Fundamental Histology	3	x
	MED6019	Gastroendocrinology	3	x
	MED7001	Advanced embryology	3	x
	MED7007	Advanced organ histology	3	x
	MED7013	Advanced neuroanatomy	3	x
	MED7019	Seminar on Neurological Disease	3	x
	MED7025	Experimental Molecular Biology	3	x
	MED7300	Advanced Anatomy of the trunk	3	x
	MED7302	Ultrastructural Cytology	3	x
	MED7304	Cytohistochemistry	3	x
Biochemistry	MED6054	Protein Biochemistry	3	x
	MED6059	Biochemistry Of Nucleic Acid	3	x
	MED6064	Membrane Biochemistry	3	x
	MED7066	Glycoprotein	3	x
	MED7072	Basic Experimental Biochemistry	3	x
	MED7078	Receptor Biochemistry	3	x
	MED7084	Seminar in Biochemistry1	3	x

	MED7090	Basic Research in Biochemistry	3	x
	MED7103	Advanced Experimental Biochemistry	3	x
	MED7108	Topic in Biochemistry	3	x
	MED7113	Advanced Research in Biochemistry	3	x
	MED7118	Biophysics	3	x
	MED7123	Seminar in Biochemistry2	3	x
	MED7128	Genetic biochemistry	3	x
	MED7263	Neurobiochemistry	3	x
	MED7266	Biosignal Transduction System	3	x
	MED7269	Literature studies in Biochemistry	3	x
	MED7280	Transcription factors and human disease	3	x
	MED7282	Molecular Biology of RNA	3	x
	MED7284	Medical Protein Biochemistry	3	x
	MED7286	Protein Engineering	3	x
	MED7288	Biological Signal Transduction System II	3	x
	MED7290	Neurobiochemistry II	3	x
	MED7292	Membrane Biochemistry II	3	x
	MED7294	Receptor Biochemistry	3	x
	MED7312	Medical pharmacy of tissue regeneration	3	x
	MED7314	Molecular Cell Biology	3	x
	MED7316	Biochemistry of Tumor	3	x
	MED7326	Calcium signaling	3	x
Pathology	MED6069	Introduction to oncologic pathology	3	x
	MED6073	General pathology	3	x
	MED6080	Experimental pathology 1	3	x
	MED6084	Recent Technologies of Molecular Biology	3	x
	MED7133	Molecular Pathology	3	x
	MED7138	Seminar on oncologic pathology 1	3	x
	MED7143	Special topic in pathology 1	3	x
	MED7148	Experimental pathology 2	3	x
	MED7275	Seminar on oncologic pathology 2	3	x
	MED7322	Neuropathology	3	x
	MED7324	Oncologic pathology	3	x
Microbiology	MED6088	Cellular Microbiology	3	x
	MED6092	Cell Culture	3	x

	MED6096	Experimental Methodology of Oncology	3	x
	MED6100	General Microbiology	3	x
	MED6104	Advanced Immunology	3	x
	MED6108	Methodology of Microbial Research	3	x
	MED6112	Molecular Oncology	3	x
	MED6116	Immunobiology	3	x
	MED7157	Clinical Immunology	3	x
	MED7162	Microbial Genetics	3	x
	MED7167	Writing Biomedical Research Papers	3	x
	MED7172	Rickettsiology	3	x
	MED7177	Seminars in Molecular Cancer Biology	3	x
	MED7182	General Mycology	3	x
	MED7318	Basic Immunology	3	x
	MED7320	Cancer biology and cancer cell senes	3	x
Parasitology	MED6120	Comprehension of safety assessment	3	x
	MED6128	Comprehension of amino acid transporter	3	x
	MED6136	Parasitic Immunology	3	x
	MED6140	Pathogenesis of Parasitic Diseases	3	x
	MED6209	Blood and Tissue Parasites	3	x
	MED6212	Structure and Classification of Parasites	3	x
	MED7187	Comprehension of organic acid transporter	3	x
	MED7192	Redox cell signaling	3	x
	MED7197	Comprehension of inorganic acid transporter	3	x
	MED7207	Parasitic Zoonoses	3	x
	MED7212	Serodiagnosis of parasitic Diseases	3	x
	MED7276	Molecular Biology of Parasitic Infections	3	x
MED7278	Host-Parasite Relationship	3	x	
Pharmacology	MED6124	Experimental immunology	3	x
	MED6132	Molecular biology in infection and immunity	3	x
	MED6144	Free radical Biology and Medicine	3	x
	MED6148	General Pharmacology	3	x
	MED6151	Diseases and Nitric Oxide	3	x

	MED6155	DNA repair & diseases	3	x
	MED6159	General Toxicology	3	x
	MED6163	Pharmacogenomics	3	x
	MED6167	Radical Pharmacology	3	x
	MED6170	Molecular Pharmacology	3	x
	MED6174	Drug Metabolism and Toxicity	3	x
	MED6200	Gene and Cell therapy	3	x
	MED6206	Cell signal	3	x
	MED6221	Free Radicals in Biology and Medicine 1	3	x
	MED6223	Free Radicals in Biology and Medicine 2	3	x
	MED7202	Receptor-mediated cell signaling	3	x
	MED7216	Programmed cell death	3	x
	MED7221	Pharmacotherapy of obesity	3	x
	MED7224	Cellular Senescence	3	x
	MED7228	Neurotransmitter and Pharmacology	3	x
	MED7232	New drug development	3	x
Social and Preventive Medicine	MED5033	Intermediate English Writing	3	x
	MED5034	Advanced Writing –Scientific Paper Focus	3	x
	MED6182	Survey Method & Quantitative Analysis	3	x
	MED6185	Evaluation of Health program	3	x
	MED6188	Introduction to Occupational Medicine	3	x
	MED6191	Epidemiologic Research Method	3	x
	MED6194	Introduction to Health Services	3	x
	MED6197	Seminar in Environmental Medicine	3	x
	MED6204	Environmental & Occupational Epidemiology	3	x
	MED7238	Epidemiology of Infectious Diseases	3	x
	MED7242	Seminar in Epidemiology	3	x
	MED7246	Hospital Management	3	x
	MED7248	Health care for Industrial Workers	3	x
	MED7252	Epidemiology of Chronic Degenerative Diseases and	3	x
	MED7255	Seminar in Health Services	3	x
	MED7259	Social Security for Medical Care	3	x
MED7262	Work related disease	3	x	

	MED7272	Management of Occupational Stress	3	x
	MED7274	Categorical data analysis	3	x
	MED7296	spatial epidemiology	3	x
	MED7298	Survival analysis	3	x
	MED7306	The application of job stress management in workpl	3	x
	MED7308	Management for environmental diseases	3	x
	MED7310	Statistical methods for occupational and environme	3	x
Internal Medicine	MED6002	Tumor Immunology	3	x
	MED6008	Hypertension	3	x
	MED6014	Helicobacter	3	x
	MED6020	Hematopoietic Stem Cell Transplantation	3	x
	MED6026	Respiratory physiology	3	x
	MED6032	Cardiac arrhythmia	3	x
	MED6181	Acid-Base Metabolism	3	x
	MED7002	Leukemias	3	x
	MED7008	Biliary tract and pancreatic disease	3	x
	MED7014	Molecular target treatment for cancer	3	x
	MED7020	Hematopoietic stemcell & Mesenchymalstem cell	3	x
	MED7244	Clinical endocrinology	3	x
Surgery	MED6040	Basics in sugery	3	x
	MED6046	Surgical immunology	3	x
	MED6052	Traumatology	3	x
	MED6057	Benign Colproctology	3	x
	MED6062	Surgical oncology	3	x
	MED6067	Prognostic Factors of Colorect Recent Trend in Tre	3	x
	MED6071	Surgical endocrinology	3	x
	MED7028	Sastrointestinal sugery	3	x
	MED7034	Hepatobillary surgery	3	x
	MED7040	Progress in Liver Trasplanatation	3	x
	MED7046	Recent Advances in Laparoscopic surgery	3	x
	MED7052	Surgery of Pancreatic Diseases	3	x

	MED7057	Vascular surgery	3	x
	MED7063	Pediatric surgery	3	x
	MED7069	Disease of Breast	3	x
	MED7074	Computer Aided surgery	3	x
	MED7080	Coloproctology	3	x
Pediatrics	MED6074	Pediatric hematology	3	x
	MED6077	Pediatric pulmonology	3	x
	MED6081	Pediatric cardiology	3	x
	MED6085	Neonatology	3	x
	MED6089	Pediatric oncology	3	x
	MED6093	Pediatric infectious disease	3	x
	MED6097	Pediatric immunology	3	x
	MED6101	Pediatric gastroenterology	3	x
	MED7085	Pediatric nephrology	3	x
	MED7091	Pediatric allergy	3	x
	MED7095	Pediatric neurology	3	x
	MED7099	Pediatric growth and development	3	x
	MED7104	Preventive Pediatrics	3	x
	MED7109	Nutrition in Pediatrics	3	x
MED7114	Pediatric endocrinology	3	x	
Obstetrics & Gynecology	MED6105	Menopause	3	x
	MED6109	Gynecologic oncology	3	x
	MED6113	Gynecologic oncologic immunology	3	x
	MED6117	Genetics	3	x
	MED6178	Urogynecology	3	x
	MED7119	Obstetric immunology	3	x
	MED7124	Infertility	3	x
	MED7233	ultrasonics	3	x
	MED7236	Endoscopy	3	x
Neurological Surgery	MED6121	General Neurosurgery	3	x
	MED6125	Neurosurgical Pathology	3	x
	MED6129	Neurohistology	3	x
	MED6133	Neuroradiology	3	x
	MED6137	Neurotraumatology	3	x
	MED6141	Neuroembryology	3	x

	MED7129	Neuro-oncology	3	x
	MED7134	Pediatric Neurosurgery	3	x
	MED7139	Neurosurgical endocrinology	3	x
	MED7144	Neurosurgical malformations	3	x
	MED7149	Infections of Neurosurgery	3	x
	MED7153	Spinal Neurosurgery	3	x
	MED7158	Vascular Neurosurgery	3	x
	MED7163	Degrnerative disease in nervous system	3	x
	MED7168	Functional Neurosurgery	3	x
	MED7173	Pain Neurosurgery	3	x
Orthopaedic Surgery	MED6145	Fracture	3	x
	MED6152	Traumatology 1	3	x
	MED6156	Sports Traumatology	3	x
	MED7178	Musculoskeletal Tumor	3	x
	MED7183	Geriatric Orthopaedics 1	3	x
	MED7188	Knee	3	x
	MED7193	Recent advances in Orthopaedics	3	x
	MED7198	Traumatology 2	3	x
	MED7203	Geriatric Orthopaedics 2	3	x
	MED7229	Total Joint Arthroplesty	3	x
	MED7240	Spine Surgery	3	x
Plastic Surgery	MED6003	Introduction to Plastic Surgery	3	x
	MED6009	Introduction yo Maxillofacial surgery	3	x
	MED6015	Special lecture of Burn Injury	3	x
	MED6021	Special lecture on Traumatology	3	x
	MED7003	Recent aspect of Plastic surgery	3	x
	MED7009	Special lecture on Aesthetic surgery	3	x
	MED7015	Microsurgery	3	x
	MED7021	Tumor of skin,head & neck area	3	x
	MED7222	craniofacial anomalies	3	x
	MED7225	Cleft lip and palate	3	x
	MED7267	Flap and microsurgery	3	x
Thoracic and Cardiovascu	MED6161	Extracorporeal Circulation	3	x
	MED6165	Chest Surgery	3	x
	MED6168	Thoracic Anatomy	3	x

lar Surgery	MED6172	Cardiac Surgery 1)	3	x
	MED6176	Chest Surgery2	3	x
	MED7209	Vascular surgery	3	x
	MED7213	Esophageal Surgery	3	x
	MED7218	Myocardial Protection	3	x
	MED7223	Heart and Lung transplantation	3	x
	MED7227	Assisted Circulation	3	x
Dermatology	MED6027	Dermatopathology	3	x
	MED6033	Introduction to Dermatoimmunology	3	x
	MED6038	Skin physiology & Biochemistry	3	x
	MED6044	Dermatoimmunopathology	3	x
	MED7026	Autoimmune Dermatoses	3	x
	MED7032	Abnormal Pigmentary Dermatoses	3	x
	MED7038	Hereditary Cutaneous Disease	3	x
	MED7044	Pediatric Dermatology	3	x
	MED7050	Introduction to STD	3	x
	MED7056	Photomedicine	3	x
Urology	MED6050	Pediatric Urology	3	x
	MED6055	Urinary Lithiasis	3	x
	MED6060	Uroradiology	3	x
	MED6065	Female Urology	3	x
	MED6070	Urinary Tract Infection	3	x
	MED6075	Urologic Traumatology	3	x
	MED6078	Endourology	3	x
	MED6082	Seminar on Voiding Dysfunction	3	x
	MED6086	Urologic surgery	3	x
	MED6090	Andrology 1	3	x
	MED6094	Uro-dynamics	3	x
	MED6098	Urologic Oncology	3	x
	MED6102	Andrology 2	3	x
	MED7061	Urologic Oncology Lecture	3	x
	MED7067	Urologic Immunology	3	x
	MED7073	Gene Therapy in Urology	3	x
	MED7079	Urologic Surgery Lecture	3	x
MED7086	Regenerative medicine in Urology	3	x	

	MED6106	Sinusology	3	x
	MED6110	Broncho Esophagology	3	x
	MED6114	Rhinology	3	x
	MED6118	Head & Neck Surgery	3	x
	MED6122	Neuro laryngology	3	x
	MED6126	Radiology in Otolaryngology	3	x
	MED7092	Phonosurgery	3	x
	MED7096	Neurotology	3	x
Otorhinolaryngology- Head & Neck Surgery	MED7100	Neuro-otology	3	x
	MED7105	Immunology in Otolaryngology Field	3	x
	MED7217	Vestibulogy	3	x
	MED7234	understanding and basic research of salivary gland	3	x
	MED7237	Physiology for Otolaryngologist	3	x
	MED7241	Allergology for Otolaryngologist	3	x
	MED7245	Pathophysiology of Snoring and Sleep Apnea	3	x
	MED7251	Understanding of Salivary gland diseases	3	x
	MED7254	Space Medicine and Otorhinolaryngology	3	x
	MED7257	Clinical Audiology	3	x
	MED7260	Vestibular Science	3	x
Ophthalmology	MED6130	Ocular Pharmacology	3	x
	MED6134	Ocular surgery	3	x
	MED6138	Ophthalmic examination	3	x
	MED6142	Ocular biochemistry	3	x
	MED6146	Ocular Ohysiology	3	x
	MED6149	General Conception of Ophtualmology	3	x
	MED6153	Ocular Embryology and Genetics	3	x
	MED6157	Ocular physics	3	x
	MED6160	Corneal disease	3	x
	MED6164	Oculopalsty	3	x
	MED6171	Retinal Disease	3	x
	MED7110	Neurophthalmology and Visual Fieldtes	3	x
	MED7115	Optics	3	x
	MED7120	New treatment of retinal disease	3	x

	MED7125	Understanding ARMD	3	x
	MED7130	Ocular Disease Relate with systemic Disease	3	x
	MED7135	Ocular pathology	3	x
	MED7140	Strabismology	3	x
	MED7145	Diabetic retinopathy	3	x
	MED7150	Pathophysiology and treatment of retinal detachmen	3	x
	MED7154	New surgical treatment of corneal disease	3	x
	MED7159	Ophthualmology Symposium	3	x
Radiology	MED6177	Radiology of the Alimentary Tract	3	x
	MED6180	Interventional Radiology	3	x
	MED6184	Radiology of the Bone and Joint	3	x
	MED6187	Radiociology	3	x
	MED6216	Chest Radiology	3	x
	MED7165	Neuroradiology	3	x
	MED7170	Radiologic Anatomy	3	x
	MED7175	Cardiovascular Radiology	3	x
	MED7180	Telecommunicating System	3	x
	MED7231	Breast Radiology	3	x
	MED7249	head and neck radiology	3	x
	MED7265	spinal radiology	3	x
Anesthesiology & Pain Medicine	MED6190	General Anesthesia	3	x
	MED6193	Regional Anesthesia	3	x
	MED6195	Pain Management	3	x
	MED6198	Intravenous Anesthesia	3	x
	MED6202	Inbalational Anesthesia	3	x
	MED6205	Local Anesthesia	3	x
	MED6208	Outpatient Anesthesia	3	x
	MED6211	Critical Care Medicine & Anesthesia for the Trauma	3	x
	MED6214	Cell signaling	3	x
	MED7185	Pediatric Anesthesia	3	x
	MED7190	Geriatric Anesthesia	3	x
	MED7195	Obstetric Anesthesia	3	x

	MED7200	Monitoring of Anesthetic Patients	3	x
	MED7205	Anesthesia for Cardiac Surgery	3	x
	MED7210	Anesthesia for Organ Transplantation	3	x
	MED7214	Neurosurgical Anesthesia	3	x
Psychiatry	MED6004	Psychopharmacology	3	x
	MED6010	Introduction to Psychoanalysis	3	x
	MED6016	Theories of Personality	3	x
	MED6022	Community Psychiatry	3	x
	MED6028	Psychopathology	3	x
	MED6034	Psychotherapy	3	x
	MED6039	Neuroimaging	3	x
	MED6045	Geriatric Psychiatry	3	x
	MED6051	Psychiatric Journal Conference	3	x
	MED6056	Child Psychopharmacology	3	x
	MED7004	Psychiatric Research Methodology	3	x
	MED7010	Molecular Biology in Psychiatry	3	x
	MED7016	Schizophrenia Research	3	x
	MED7022	Psychoanalytic Schools	3	x
	MED7027	Personality Development	3	x
	MED7033	Psychometry	3	x
	MED7039	Object Relation Theory	3	x
MED7045	Early Detection Treatment of Early Psychosis	3	x	
Radiation Oncology	MED6061	Radiation Physics	3	x
	MED6066	Radiation Biology	3	x
	MED6217	Introduction of radiation oncology	3	x
	MED7051	Innovative Radiation Modality	3	x
	MED7062	Gynecologic Cancers	3	x
	MED7068	Head and Neck Cancers	3	x
	MED7277	Breast cancers	3	x
	MED7279	Gastrointestinal cancers	3	x
	MED7281	Lung cancer	3	x
	MED7331	Hepatobiliary Cancer	3	x
	MED7332	Prostate cancer	3	x
Laboratory	MED6072	Diagnostic microbiology	3	x

Medicine	MED6076	Tranfusion medicine	3	x
	MED6079	Clinical hematology	3	x
	MED6083	Clinical chemistry	3	x
	MED7075	Clinical serology	3	x
	MED7081	Hemostasis & Coagulation	3	x
	MED7087	Clinical immunology	3	x
	MED7093	Diagnostic molecular genetics	3	x
	MED7297	Clinical Cytogenetics	3	x
	MED7299	Molecurar Cytogenetics in Cancer	3	x
	MED7301	Transplantation Immunology	3	x
	MED7303	Clinical Diagnostic Flow Cytometry	3	x
	MED7305	Quality Control in Laboratory Medicine	3	x
	MED7307	Laboratory Medicine in Bacteriology	3	x
	MED7309	Laboratory Medicine in Biochemistry	3	x
	Neurology	MED6091	Clinical Epileptology	3
MED6095		Degenerative Disorders in Neurology	3	x
MED6099		Clinical Stroke	3	x
MED6103		Movement Disorders	3	x
MED6107		Headache	3	x
MED6111		Behavioral Nuerology	3	x
MED6115		Clinical Peripheral Neur-opathy	3	x
MED6119		Introduction to Sleep Disorders	3	x
MED6123		Study on Clinical Neurology	3	x
MED6127		Dementia	3	x
MED7121		Basic EEG	3	x
MED7126		Study on Cerebral Blood Flow	3	x
MED7131		Genetics of Neurological disorders	3	x
MED7136		Neurosonology	3	x
MED7141		Pathophysiology of movement disorders	3	x
MED7146		Clinical EMG & NCV	3	x
MED7151		Stroke Epidemiology	3	x
MED7155		Vascular Biology of Stroke	3	x
MED7160		Risk factors in stroke	3	x
MED7164		Vascular Dementia	3	x
MED7169	Advanced Movement Disorders	3	x	

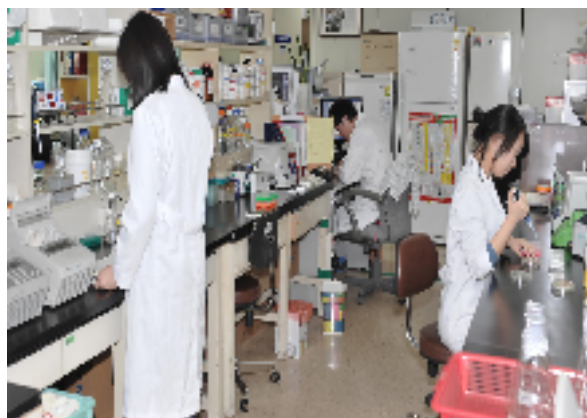
	MED7174	Sleep Neurophysiology	3	x	
Dentistry	MED6131	Dental Infections	3	x	
	MED6135	Dental Materials	3	x	
	MED6139	Dental implantology	3	x	
	MED6143	Prosthodontic Journal Reading	3	x	
	MED6203	Diagnosis & Treatment Planning for partially edent	3	x	
	MED6207	Oral and Maxillofacial Rehabilitation	3	x	
	MED6210	Maxillofacial traumatology	3	x	
	MED6213	Complicated Exodontia	3	x	
	MED7179	Surgico-orthodontics	3	x	
	MED7184	Diagnosis and Treatment	3	x	
	MED7189	Maxillofacial Oncology	3	x	
	MED7194	Implant Surface	3	x	
	MED7261	Implant treatment of fully edentulous patients	3	x	
	MED7264	Disease on silvary gland	3	x	
	MED7268	Oral & maxillofacial deformity	3	x	
	MED7287	Complete Denture	3	x	
	MED7289	Guided Bone Regeneration	3	x	
	MED7291	Advanced Implant Surgery	3	x	
	MED7295	Up-to date knowledge of periodontal	3	x	
	MED7315	Etiology and Treatment of Peri-implantitis	3	x	
	MED7317	Design of RPD(Removable Partial Denture)	3	x	
	MED7321	Perio-Prosthodontic Orthodontics	3	x	
	MED7323	Periodontal Regeneration	3	x	
	MED7325	Basic Periodontal Treatment	3	x	
	MED7327	Treatment of cleft lip and palate in dentistry	3	x	
	MED7328	Periodontal disease and systemic disease	3	x	
	MED7329	Periodontal plastic surgery	3	x	
	MED7330	Orthodontic biomechanics	3	x	
	Physical & Rehabilitation Medicine	MED6087	(Introduction to Electrical Therapy	3	x
		MED6215	Cerebral Palsy Rehab	3	x
MED6218		Cancer rehabilitation	3	x	

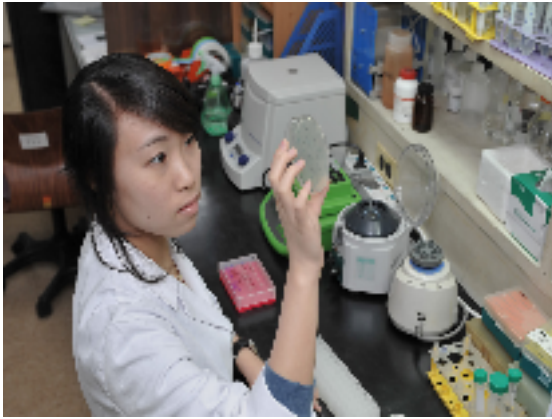
	MED6219	Geriatric Rehabilitation	3	x
	MED6220	Disability Evaluation	3	x
	MED7097	Electrodiagnostic Medicine	3	x
	MED7101	Stroke Rehabilitation	3	x
	MED7106	Spinal Cord Injury Rehabilitation	3	x
	MED7111	Clinical Biomechanics & Kinesiology	3	x
	MED7116	Brain Neurophysiology	3	x
	MED7270	Orthotics	3	x
	MED7271	Development language disorder	3	x
	MED7273	Musculo-skeletal Disorders Rehabilitation	3	x
	MED7283	Musculoskeletal and Neuro-Sonography	3	x
	MED7285	Cognitive Rehabilitation	3	x
	MED7333	Cardiac rehabilitation	3	x
	MED7334	Lymphedema	3	x
	MED7335	Rehabilitation for peripheral neuropath	3	x
	MED7336	Rehabilitation for children with delaye	3	x
	MED7337	Vestibular rehabilitation	3	x
Emergency Medicine	MED6147	Shock 2	3	x
	MED6150	Pulmonary Emergencies	3	x
	MED6154	Acute Poisoning	3	x
	MED6158	Injuries to the bone,joints,and soft tissue	3	x
	MED6201	Cardiac Emergency Medicine	3	x
	MED6222	Pediatric Emergency Medicine	3	x
	MED7199	Geriatric Emergencies	3	x
	MED7204	Gastrointestinal Emergencies	3	x
	MED7208	신경응급질환	3	x
	MED7258	Environmental Emergency Medicine	3	x
Family Medicine	MED6175	Introduction to Medical Education	3	x
	MED6179	Desiging Clinical Research	3	x
	MED6183	Clinical Epidemiology	3	x
	MED6186	Life time Health Management	3	x
	MED6189	Travel Medicine	3	x
	MED6192	Behaviral Medicine	3	x
	MED7226	Genatric Medicine	3	x
	MED7230	Problm-Based Learning	3	x

	MED7235	Counseling in Primary care	3	x
	MED7239	Psychosomatic Medicine	3	x
	MED7243	Women's Health	3	x
Biomedical Science	MED6162	Advanced Molecular Biology	3	x
	MED6166	General Gene Therapy	3	x
	MED6169	Advanced Experimental Molecular Biology	3	x
	MED6173	Clinica: Gene Therapy 1	3	x
	MED6196	Stem Cells and Cell Therapy	3	x
	MED6199	Immunology	3	x
	MED6224	Recent Progress in Biotech-based Research Approach	3	x
	MED7219	Delivery of Pharmaceutical Drugs	3	x
	MED7247	Seminars in Mechanobiology	3	x
	MED7250	Experimental Immunology	3	x
	MED7253	Therapeutics for Liver Cirrhosis	3	x
	MED7256	Medical Pharmaceutical Sciences	3	x
	MED7293	Development Biology	3	x
	MED7311	Signal Transduction Networks	3	x
	MED7313	Lymphocyte signaling & flow cytometry analysis	3	x
MED7319	Angiogenesis	3	x	

5. Others

* Biochemistry 3)





*** Orthopedic Surgery 14)**



*** Pediatrics 11)**



* Neurological Surgery 13)



* Ophthalmology 20)



* Anesthesiology and Pain Medicine 22)



인하대병원 마취통증의학과 2007.9.28

- Divisions & Sections

1. Anesthesia : neuroanesthesia, anesthesia for cardio-thoracic surgery, anesthesia for organ transplantation, intravenous anesthesia, obstetric anesthesia, pediatric anesthesia, geriatric anesthesia, outpatient anesthesia
2. Pain Clinic : diagnosing and treating acute and chronic pain, treating cancer pain and functional disease, managing epidural analgesia for labor pain and postoperative pain control
3. Critical Care Medicine : ventilator care, cardiopulmonary-cerebral resuscitation
4. Ambulatory/Outpatient Anesthesia

* Neurology 26)

Neurology

The Department of Neurology was divided into the following services based on physician's education, practice interests and research. These specialty areas:

- ◆ Stroke Clinic
- Ischemic stroke
- Transient ischemic attack(TIA or "mini-stroke")
- Critical narrowing or blockages of brain blood vessels
-

- Venous occlusions such as dural sinus thrombosis and cortical vein thrombosis
- ◆ Dementia Clinic
 - Dementia
 - Cognitive behavior neurology
 - Neuropsychology
 - Memory impairment/abnormal behavior
- ◆ Movement Disorder Clinic
 - Parkinson's disease
 - Parkinsonism
 - Essential tremor
 - Dystonia
- ◆ Sleep Disorder Clinic
 - Obstructive sleep apnea syndrome
 - Hypersomnia/insomnia
 - Narcolepsy
 - Restless leg syndrome
- ◆ Neuromuscular Disease Clinic
 - Neuropathy
 - Myopathy
 - Spinal cord disease
 - Multiple sclerosis
- Neurodiagnostic and Neurophysiologic Tests
 - Electroencephalography (EEG)
 - Nerve conduction study (NCS)
 - Electromyography (EMG)
 - Evoked potential test (EP)
 - Transcranial doppler (TCD)/ Carotid Doppler
 - Nocturnal polysomnography (PSG)
 - Neuropsychometry
 - Autonomic function test

Natural Science Field (Major) Drug Development

1. Introduction :

Development of new drugs needs integration of diverse technologies and research area in its developmental process. The technologies in demand vary depending on the developmental stage of a new drug, and preclinical tests to evaluate the safety and efficacy of the drug is one of the most important and mandatory processes. However, the infrastructure and technologies for the preclinical tests are not well established yet in Korea, which has been a critical hurdle to attenuate the new drug development.

The “Program in Drug Development” aims at delivering fundamental knowledge and related technologies on the preclinical test to students, thereby fostering experts who are immediately ready to work in the field. The program includes overall the knowledge and technologies for the safety/toxicity test, efficacy test, animal care and disease models, quality assurance, and regulatory affairs for KFDA approval. The list of educational courses is as follow.

2. Faculty Members

1) Choi, Byung Hyune (최병현)

* Office : Jeong-Suk Bldg. B-Dong, 3rd Floor

*Tel : + 82-32-890-0939

*E-mail : bryan@inha.ac.kr

* Homepage : <http://ctrc.inha.ac.kr> (<http://inha.prnmall.com>)

* Educational Background :

- Ph. D : Molecular Biology / Seoul National University / Korea
- M.S. : Molecular Biology / Seoul National University / Korea

* Research Area :

- Cell Therapy
- Regenerative Medicine
- Tissue Engineering
- Gene Therapy

* Academic Works :

- Complete spinal cord injury treatment using autologous bone marrow cell transplantation and bone marrow stimulation with GM-CSF: phase I/II clinical trial. Stem Cells 25:2066-2073, 2007.
- GM-CSF inhibits glial scar formation and shows long-term protective effect after spinal cord injury. J Neurol Sci 277:87-97, 2009.
- Gene therapy of neural cell injuries in vitro using the hypoxia-inducible GM-CSF expression plasmids and water-soluble lipopolymer (WSLP). J Contr Release 133:60-67, 2009.

2) Song, Sun Uk (송순욱)

* Office : Clinical Research Center, Jeong-Suk Bldg. A-Dong, 2nd Floor

* Tel : + 82-32-890-2460

* E-mail : sunuksong@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Molecular Biology / Johns Hopkins University / USA
- M.S. : Applied Molecular Biology / University of Maryland / USA

* Research Area :

- Stem Cell Therapy
- Regeneration Medicine
- Cell-mediated Gene Therapy

* Academic Works :

- Variations of Clonal Marrow Stem Cell Lines Established from Human Bone Marrow in Surface Epitopes, Differentiation Potential, Gene Expression and Cytokine Secretion. Stem Cells & Development. 17(3):451-461, 2008.
- Combined treatment with intratumoral injection of dendritic cells and topical application of imiquimod for murine melanoma. Clin Exp Dermatol. 32(5):541-549, 2007.

- Combined angiopoietin-1 and vascular endothelial growth factor gene transfer restores cavernous angiogenesis and erectile function in a rat model of hypercholesterolemia. Mol Ther. 13(4):705-715, 2006.

3) Hong, Soon Sun (홍순선)

- * Office : Clinical Research Center, Jeong-Suk Bldg. A-Dong, 2nd Floor
- * Tel : + 82-32-890-3683
- * E-mail : hongs@inha.ac.kr
- * Homepage : <http://club.cyworld.com/ihtdds>
- * Educational Background :
 - Ph. D : Pharmaceutics / Seoul National University / Korea
 - M.S. : Pharmaceutics / Seoul National University / Korea
- * Research Area :
 - Liver therapy using antioxidants
 - Drug delivery system
 - Anticancer therapy
- * Academic Works :
 - Deguelin inhibits hepatocellular carcinoma by antiangiogenesis and apoptosis. Oncology Reports. 20:129-134, 2008.
 - Structural basis for depletion of heat shock protein 90 client proteins by the natural antitumor agent deguelin. Journal of the National Cancer Institute. 99: 949-961, 2007.
 - Anti-angiogenic activity of Wondonin, a novel compound, inhibits hypoxia-induced angiogenesis through hypoxia inducible factor 1 alpha. FEBS Letter. 581:4977-4982.2007.

4) Lee, Woon Kyu (이운규)

- * Office : Jeong-Suk Bldg. A-Dong, 8rd Floor
- * Tel : + 82-32-890-1182
- * E-mail : wklee@inha.ac.kr
- * Educational Background :
 - Ph. D : Molecular Pharmacology / The Catholic University of Korea
 - M.S. : Embryology / Seoul National University / Korea
- * Research Area :

- Developmental genetics
- Functional genomics
- Genetic Animal model development

* Academic Works :

- LIM-homeodomain proteins Lhx1, Lhx5, and their cofactor Ldb1 control Purkinje cell differentiation in the developing cerebellum. Proceedings of the National Academy of Sciences, USA. 104(32):13182-13186, 2007.
- Recent progress in biotechnology-base gene manipulating system to produce knock-in/out mouse models. Asian-Australasian Journal of Animal Science. 21(5):745-753, 2008
- Targeted disruption of the Wnt regulator Kremen induces limb defects and high bone density. Molecular and Cellular Biology. 28(15):4875-4882, 2008.

5) Kang, Ju-Hee (강주희)

* Office : Jungsuk BD 6th FL

* Tel : + 82-32-890-0963

* E-mail : johykang@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Pharmacology / Inha University / Korea
- M.S. : Pharmacology / Inha University / Korea

* Research Area :

- Two main fields in my researches are 1) the development of strategies to treat obesity and related diseases, and 2) the pharmacogenomics related to metabolic syndrome. First, the hope is to discover novel mechanisms or molecules that could serve as potential links between inflammation and the process of metabolic syndrome, thereby defining novel targets for clinically useful pharmacological intervention.

Another goal is related to clinical pharmacogenomics. Based on the genomic tools, we make efforts to elucidate the clinical meanings of interindividual genetic variations in pharmacological intervention.

* Academic Works :

- Novel black soy peptides with antiobesity effects: activation of leptin-like signaling and AMP-activated protein kinase. Int J Obesity.32:1161-1170,2008.
- Genetic Polymorphisms in the ABCB1 Gene and the Effects of Fentanyl in Koreans. Clin Pharmacol Ther.81:539-546,2007.

- Excessive nitric oxide attenuates leptin-mediated signal transducer and activator of transcription 3 activation. Life Sci.80:609-617,2007.

6) Lee, Don Haeng (이돈행)

*Office : Jung-Seok Bld 6th floor

*Tel : + 82-32-890-2548,2246

*E-mail : ldh@inha.ac.kr

*Homepage : <http://www.inhagi.co.kr/>

*Educational Background :

- Ph.D : Internal Medicine/ Yonsei University / Korea

- M.S : Internal Medicine/ Yonsei University / Korea

*Research Area : Gastrointestinal Disease drug delivery system

*Academic Work :

- Intrahepatic Cholangiocellular Carcinoma Korean J Gastroenterol 1995;27: 679

- 689

- Drug-eluting Stent in Gastrointestinal Disease. THE KOREAN JOURNAL OF GASTROENTEROLOGY 2007;49;294-299

3. Course List

	Course Code	Course	Credits	Taught In English
Common courses (Mandatory)	MED5002	Experimental Animals	3	x
	MED5004	Principles of Pharmacology	3	x
	MED5007	Medical Physiology	3	x
	MED5009	Biomedical Pharmaceutics	3	x
	MED5011	Experiments for Efficiency Evaluation	3	x
	MED5014	Quality Control in Drug development	3	x
	MED5017	Clinical Trial	3	x
	MED5019	Digestive Diseases	3	x
	MED5022	Advanced Experimental Molecular Biology	3	x
	MED5024	Medical physiology	3	x
	MED5026	Advanced Molecular Biology	3	x
	MED5028	Pharmaceutical preformulation and dosage	3	x

		design		
	MED5030	Introduction to Regenerative Medicine	3	x
Basic courses (Optional)	MED6005	Molecular Biology	3	x
	MED6011	Molecular Oncology	3	x
	MED6017	Drug Metabolism and Toxicity	3	x
	MED6023	Principles of Toxicology	3	x
	MED6029	Special lectures on human anatomy	3	x
	MED6035	Special Lecture of Oncology	3	x
	MED6041	Advanced Molecular Biology	3	x
	MED6047	Introduction to Regenerative Medicine	3	x
	Deepening courses (Optional)	MED7005	Stem Cell Therapy	3
MED7011		Functional Genomics	3	x
MED7017		Immunohistochemistry	3	x
MED7023		Management of Technology	3	x
MED7029		Corporate Innovation Strategy	3	x
MED7035		New Drug Development & Healthcare Industry Analysis	3	x
MED7041		Case Study for Healthcare Technology Commercializa	3	x
MED7047		Analysis of patent and technology	3	x
MED7053		Stem Cells Research	3	x
MED7058		Advanced theory and practice of newdrug developmen	3	x
MED7064		Stem Cells Research	3	x
MED7076		Experiments for efficiency evaluation	3	x
MED7082		Clinical Trial	3	x
MED7088	Intellectual property and Technology Assessments	3	x	

Natural Science Field (Major) Molecular Biomedicine

1. Introduction :

Bioscience and medicine have been exploring new fields by incorporating innovative technologies, discovering unknown life phenomena, and integrating the obtained information. Lately, the borders between individual fields of studies are getting unclear and inter-disciplinary research is picking up its pace. In the program of molecular biomedicine, a new integrative curriculum is offered encompassing medicine, chemistry, physics, and statistics to truly study the principles of life from many different perspectives. In particular, the course is focused on providing expertise in cutting-edge biotechnology and medicine needed to elucidate the mechanism and cause of various human diseases, and to develop new diagnostic and therapeutic measures. We offer anatomy and physiology, as basic medical courses, biochemistry, genetics, microbiology, molecular and cellular biology, as biotechnology related courses, and chemistry, physics, and statistics as the root-sciences of the above. In addition, strong emphasis is put on both basic and applied laboratory courses to deliver hands-on experience required in industries and research institutions. All of these efforts will contribute to the education of innovative research man-power that can lead the medicine and biotechnology in the 21st century.

2. Faculty Members

1) Kang, Jae Seung (강재승)

* Office : B Jungsok Bld 305

* Tel : + 82-32-890-0952

* E-mail : jaeskang@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Microbiology/ Seoul National University/ Korea
- M.S. : Microbiology/ Seoul National University/ Korea
- M.D. : Medicine/ Seoul National University/ Korea

* Research Area :

Bacteriology, especially research for intracellular bacteria including *Orientia tsutsugamushi*

* Academic Works :

- Kim MJ, Kim MK, Kang JS. Improved antibiotic susceptibility test of *Orientia tsutsugamushi* by flow cytometry using monoclonal antibody. *J Korean Med Sci.* 22(1):1-6, 2007.
- Chung MH, Lee SH, Kim MJ, Lee JH, Kim ES, Kim MK, Park MY, Kang JS. Japanese spotted fever, South Korea. *Emerg Infect Dis.* 12(7):1122-4, 2006.
- Kim MJ, Kim MK, Kang JS. An epitope shared by cellular cytokeratin and *Orientia tsutsugamushi*. *Microb Pathog.* 41(4-5):125-32. 2006.

2) Lee, Ja Kyeong (이자경)

* Office : Jungsok Bld. C307

* Tel : + 82-32-890-0913

* E-mail : jklee@inha.ac.kr

* Homepage :

* Educational Background :

- Ph. D : Neuroscience / Baylor College of Medicine / USA
- M.S. : Biology / Seoul National University / Korea

* Research Area : Studies on the neuropathology of stroke

* Academic Works :

- NO-induced downregulation of HSP10 and HSP60 expression in the postischemic brain. *J Neurosci Res.* (2007) 85, 1252-1259
- HMGB1, a novel cytokine-like mediator linking acute neuronal death and delayed neuroinflammation in the postischemic brain. (2006) *J Neurosci* 26, 6413-6421
- Inhibition of the cerebral ischemic injury by ethyl pyruvate with a wide therapeutic window. *STROKE* (2005) 36, 2238-2243

3) Park, In Sun (박인선)

* Office : Jungsok Bld. C307

* Tel : + 82-32-890-0911

- * E-mail : sunpark@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Anatomy/ Catholic college of Medicine / Korea
 - M.S. : Anatomy/ Catholic college of Medicine / Korea
- * Research Area : Pancreatic islet biology
 - Development of pancreatic stem cells
 - Kidney morphology in diabetic complication (
- * Academic Works :
 - Clusterin induces differentiation of pancreatic duct cells into insulin-secreting cells. Diabetologia, 2006, 49(2):311-320
 - Activation of nestin-positive duct stem (NPDS) cells in pancreas upon neogenic motivation and possible cytodifferentiation into insulin-secreting cells from NPDS cells. Developmental dynamics 2004 230(1):1-11
 - Anti-obesity effects of alpha-lipoic acid mediated by suppression of hypothalamic AMP-activated protein kinase 2004 nature Medicine 2//40 10(7):727-7331

4) Park, So Ra (박소라)

- * Office : : Jungsok Bld B dong 6 F
- * Tel : + 82-32-890-0922
- * E-mail : srpark@inha.ac.kr
- * Homepage : <http://www.inha.pnrmall.com>
- * Educational Background :
 - Ph. D : Physiology(Medicine) / Yonsei University / Korea
 - M.S. : Physiology (Medicine) / Yonsei University / Korea
- * Research Area :
 - Stem cell differentiation
 - Regeneration and repair of cartilage
- * Academic Works :
 - The effect of sonication on osteoarthritis. Part I: Effects of ultrasound on uptake of hyaluronate into the rabbit synovium/Ultrasound in Medicine & Biology 31(II): 1551-1558, 2005
 - The effect of sonication on osteoarthritis. Part II: Alleviation of osteoarthritis pathogenesis by ultrasound with simultaneous hyaluronate injection/Ultrasound in Medicine & Biology 31(II):1559-1566, 2005
 - Low intensity ultrasound stimulation enhances the chondrogenic differentiation in alginate

bead culture of mesenchymal stem cell /Artificial organs 30(9):707-715, 2006

5) Park, Chang Shin(박창신)

- * Office : Jungsuk BD 6th FL
- * Tel : +82-32-890-0962
- * E-mail : parkshin@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Molecular Genetics / Inha University / Korea
 - M.S. : Cytogenetics / Inha University / Korea
- * Research Area :
 - Nitric Oxide
 - Pharmacogenomics
 - Aging
 - Natural Drug Development
- * Academic Works :
 - Neuronal Nitric Oxide-mediated Cytotoxicity in Trophoblast Cells Induced by Increase of Interacellular Calcium. *Molecular & Cellular Toxicology*.4:16-21,2008.
 - Cytotoxicity by Lead-induced nNOS Phosphorylation in a Dopaminergic CATH.a Cells: Roles of Protein Kinase A. *Molecular & Cellular Toxicology*.3:215-221,2007.
 - Prevention of olanzapine-induced toxicities of weight gain and inflammatory reactions by coadministration with green tea or its major component phenolic epigallocatechin 3-gallate in mouse. *Molecular & Cellular Toxicology*.3:127-131,2007.

6) Park, Heon Joo (박헌주)

- * Office : Jungsok Bld B305
- * Tel : + 82-32-890-0953
- * E-mail : park001@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Biophysical Science (Radiation Biology) / University of Minnesota / USA
 - M.S. : Physiology / University of Minnesota / USA
 - M.D.: Medicine/ The Catholic University of Korea/ Korea
- * Research Area :

The means to enhance the effect of radiotherapy against cancer is investigating. Specifically, we are developing drugs for specific molecular targets in cancer cells and also

investigating the feasibility of using NT/BT to improve the delivery of drugs to target tumor cells.

* Academic Works :

- Park HJ, Choi EK, Choi J, Ahn K, Kim EJ, Ji IM, Kook YH, Ahn S, Williams B, Griffin RJ, Boothman DA, Lee CK, Song CW: Heat-induced up-regulation of NAD(P)H:quinone oxidoreductase potentiates anticancer effects of β -lapachone. *Clinical Cancer Res*, 11(24): 8866-8871, 2005.
- Choi EK, Chi IM, Lee SR, Kook YH, Griffin RJ, Lim BU, Kim JS, Lee DS, Song CW, Park HJ: Radiosensitization of tumor cells by modulation of ATM Kinase. *Int J Radiation Biology*, 82(4):277-283, 2006.4
- Choi EK, Terai K, Ji IM, Kook YH, Park KH, Oh ET, Griffin RJ, Lim BU, Kim JS, Lee DS, Boothman DA, Loren M, Song CW, Park HJ: Upregulation of NAD(P)H:quinone oxidoreductase (NQO1) by radiation potentiates the effect of bioreductive B-lapachone against cancer cells. *Neoplasia*, 9: 634-642, 2007.08.

7) Lee Sung-Keun (이성근)

* Office : Jungsuk BD 6th FL

* Tel : +82-32-890-0964

* E-mail : sungkeun@inha.ac.kr

* Homepage : <http://>

* Educational Background :

- Ph. D : Molecular Genetics / University of Missouri at Columbia / U.S.A.
- M.S. : Biology / Inha University / Korea

* Research Area :

- Aging : DNA repair, DNA replication, DNA damage
- Cancer : DNA repair, DNA replication, DNA damage
- Isolation of anti-aging agents

* Academic Works :

- The stalling of transcription at abasic sites is highly mutagenic. *Molecular and Cellular Biology*.23:382-388,2003.
- Requirement of yeast RAD2, a homolog of human XPG gene, for efficient RNA polymerase II transcription: implications for Cockayne syndrome. *Cell*.109:823-834,2002.
- Requirement of yeast SGS1 and SRS2 genes for replication and transcription. *Science*. 286:2339-2342,1999.

8) Kim, Tong Soo (김동수)

* Office : Jungsok Bld C503

* Tel : +82-32-890-0981

* E-mail : tongsookim@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Parasitology/Chung-Ang University/ Korea

- M.S. : Zoology/ Chung-Ang University/ Korea

* Research Area :

관심분야: Promotion for basic and clinical scientific aspects of malaria and food-borne disease concerned to medical importance

연구분야:

- Pathogenic protein characterization

- Diagnosis development for tropical and endemic parasitic diseases

* Academic Works :

- Estimates of short and long-term incubation periods of Plasmodium vivax malaria in the Republic of Korea. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007

- Plasmodium vivax: Molecular cloning, expression and characterization of glutathione S-transferase. Experimental Parasitology, 2007

- Paragonimus westermani: Biochemical and immunological characterizations of paramyosin. Experimental Parasitology, 2007

- Identification and characterization of a mitochondrial iron-superoxide dismutase of Cryptosporidium parvum. Parasitol Research, 2008

- Bile components and amino acids affect survival of the newly excysted juvenile Clonorchis sinensis in maintaining media. Parasitol Research, 2008

9) Cha, Seok Ho (차석호)

* Office : Jungsuk BD 5th FL

* Tel : + 82-32-890-0957

* E-mail : shcha@inha.ac.kr

* Homepage : http://

* Educational Background :

- Ph. D : Pharmacology / University of Tokyo/ Japan

- M.S. : Biology/ Chungnam National University/ Korea

* Research Area : Drug transporter protein, Gene manipulated animal, Bioreactor animal

* Academic Works :

- Identification and characterization of single nucleotide polymorphisms of SLC22A11

- (hOAT4) in Korean women osteoporosis patients. *Molecules and Cells*. 30:25(2):265-271. 2008.
- Molecular identification of a renal urate anion exchanger that regulates blood urate levels. *Nature*. 23:417(6887):447-452, 2002.
 - Molecular cloning and characterization of multispecific organic anion transporter 4 expressed in the placenta. *Journal of Biological Chemistry*, 275:4507-4512, 2000.

10) Han, Inn Oc (한인옥)

- * Office : B dong 6 F
- * Tel : + 82-32-890-0924
- * E-mail : iohan@inha.ac.kr
- * Homepage : <http://>
- * Educational Background :
 - Ph. D : Cell Biology / Univ. of Alabama at Birmingham / USA
 - M.S. : Biochemistry / Yonsei University / Korea
- * Research Area :
 - Molecular and cellular mechanism of neuroinflammation
 - Functions of O-GlcNAc protein
 - Mechanisms in development and treatment of brain cancer
- * Academic Works :
 - C6 Glioma Cell Insoluble Matrix Components Enhance Interferon- γ -stimulated Inducible Nitric-oxide Synthase/Nitric Oxide Production in BV2 Microglial Cells. (2008) *J. Biol. Chem* 283, 2526-2533.
 - IL-1 β , an immediate early protein secreted by activated microglia, induces iNOS/NO in C6 astrocytoma cells through p38 MAPK and NF- κ B pathways. (2006) *J Neurosci Res* 2006 Oct. 84, 1037-1046
 - Transforming growth factor- β 1 represses activation and resultant death of microglia via inhibition of phosphatidylinositol 3-kinase activity. (2004) *J Immunol*. 172, 7015-7023.

11) Jang, Jun Hyeog (장준혁)

- * Office : Chungbuk Building B-505
- * Tel : + 82-32-890-0933
- * E-mail : juhjang@inha.ac.kr
- * Homepage : <http://biochem.inha.ac.kr/>
- * Educational Background :
 - Ph. D : Biochemistry / Texas A&M University / USA

* Research Area: Our laboratory seeks to understand the molecular mechanisms of the growth factors (FGFs), extracellular matrix proteins (ECM) and its dysfunction that results in disease including cancers. Recently, our effort has been in exploitation of genetic technologies to design and construct novel proteins for the therapeutical applications.

* Academic Works :

- Jang JH, Hwang JH, Chung CP, Choung PH.

Identification and kinetics analysis of a novel heparin-binding site (KEDK) in human tenascin-C. *J Biol Chem.* 2004 Jun. 11;279(24):25562-6.

- Park S, Kim JH, Jang JH, Aberrant hypermethylation of the FGFR2 gene in human gastric cancer cell lines. *Biochem Biophys Res Commun.* 2007 Jun 15;357(4):1011-5

-Jang, J. H. Reciprocal relationship in gene expression between FGFR1 and FGFR3: implication for tumorigenesis. *Oncogene*, 24: 945-948, 2005

12) Ryu, Ji Kan (류지간)

* Office : Jung-Seok Bld, 7th Floor

* Tel : + 82-32-890-3505

* E-mail : rjk0929@inha.ac.kr

* Homepage : <http://med.inha.ac.kr/>

* Educational Background :

- Ph. D : Urology / Inha University / Republic of Korea

- M.S. : Urology / Yonsei University / Republic of Korea

* Research Area :

Urology, Sexual dysfunction, Angiogenesis, Anti-fibrosis, Neural regeneration

* Academic Works :

- Efficient Gene Expression System Using the RTP801 Promoter in the Corpus Cavernosum of High-Cholesterol Diet-Induced Erectile Dysfunction Rats for Gene Therapy. *J Sex Med.* 2008 Feb 25. [Epub ahead of print].

- Combined angiopoietin-1 and vascular endothelial growth factor gene transfer restores cavernous angiogenesis and erectile function in a rat model of hypercholesterolemia. *Mol Ther.* 2006 Apr;13(4):705-15.

- Establishment of penile fibrosis model in a rat using mouse NIH 3T3 fibroblasts expressing transforming growth factor beta1. *Biol Reprod.* 2005 Apr; 72(4):916-21.

3. Course List

	Course Code	Course	Credits	Taught In English
Molecular Biomedicine	MED5003	Functional structures of the visceral system	3	x
	MED5005	Human histology	3	x
	MED5008	Adverse Drug Reaction	3	x
	MED5010	Bioscience methodology	3	x
	MED5012	Introduction to signal transduction	3	x
	MED5015	advanced molecular genetics	3	x
	MED5018	Current Topic in Molecular Biomedical Science1	3	x
	MED5020	Basic immunology	3	x
	MED6006	Introduction to Molecular Biomedical Science	3	x
	MED6012	Cell and Molecular Biology	3	x
	MED6018	Research Method in Biology I	3	x
	MED6024	Research Method in Biology II	3	x
	MED6030	Introduction to Laboratory Animal Methodology	3	x
	MED6036	Introduction to Human Body Anatomy	3	x
	MED6042	Biochemistry	3	x
	MED6048	Immunobiology	3	x
	MED6053	Genetics	3	x
	MED6058	Biostatistics	3	x
	MED6063	Structure and Function of the Visceral Organs	3	x
	MED6068	Advanced Human Histology	3	x
	MED7006	Current Topics in Molecular Biomedical Science I	3	x
	MED7012	Current Topics in Molecular Biomedical Science II	3	x
	MED7018	Advanced anatomy	3	x
	MED7024	Advanced Immunology	3	x
	MED7030	Topics in Immune Development and Diseases	3	x
	MED7036	Immunobiochemistry	3	x
	MED7042	Medical genetics	3	x
	MED7048	Advanced developmental genetics	3	x
	MED7054	Advanced Molecular Genetics	3	x

MED7059	Microstructure of the Cell	3	x
MED7065	Stem Cell and Regenerative Medicine	3	x
MED7071	Cell and Molecular Physiology	3	x
MED7077	Neurophysiology	3	x
MED7083	Introduction to Gerontology	3	x
MED7089	Medical physiology	3	x
MED7094	Molecular Neurobiology	3	x
MED7098	Bio-organic Chemistry	3	x
MED7102	Signal Transduction Biochemistry	3	x
MED7107	Signal Transduction	3	x
MED7112	Biophysics	3	x
MED7117	Special Topics in Biochemistry	3	x
MED7122	Cancer Biochemistry	3	x
MED7127	Enzyme Chemistry	3	x
MED7132	Enzyme Kinetics	3	x
MED7137	Special Topics in Medicinal Chemistry	3	x
MED7142	Molecular Oncology	3	x
MED7147	Pharmacogenomics	3	x
MED7152	Molecular Pharmacology	3	x
MED7156	Drug Metabolism and Toxicity	3	x
MED7161	Chemotherapy	3	x
MED7166	Advanced Neuroscience	3	x
MED7171	Medical Statistics	3	x
MED7176	Further Studies in Biostatistics	3	x
MED7181	Network Biology	3	x
MED7186	Bio-Informatics	3	x
MED7191	Advanced Drug Reaction	3	x
MED7196	Anti-inflammatory Drugs	3	x
MED7201	Advanced Immunology	3	x
MED7206	Current Topic in Molecular Biomedical Science1	3	x
MED7211	introduction to gerontology	3	x
MED7215	Genetics	3	x
MED7220	Medical genetics	3	x
MED7338	Current Topics in Cell and Molecular Biology	3	x