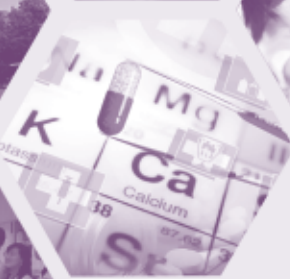




Faculty

- 1. Department of Pharmacy
- 2. Department of Manufacturing Pharmacy





2. Department of Manufacturing Pharmacy



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Position Associate Professor (Ph.D., University of Utah)
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Lecture Drug Delivery System
Research Field 1. Nanostructured medicine
2. Genetically engineered cell delivery
3. Oral macromolecule delivery



Chang, Il-Moo

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Lecture Natural Products Informatics and Herbal safety
Research Field 1. Natural product informatics: constructing the
database of information on traditional oriental
medicine
2. Information on herbal drug safety and related
regulations



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Lecture Pharmaceutical Microbiology, Antibiotics
Research Field 1. Resistance mechanisms of MLSb antibiotics
2. Arylsulfate sulfotransferase
3. Antimicrobial activity of the newly synthesized compounds
4. Improvement of probiotics



Chung, Suk-Jae

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Lecture Pharmaceutics
Research Field 1. Studies on characteristics of drug disposition using pharmacokinetic analysis
2. Studies on mechanisms of drug absorption, elimination and metabolism
3. Studies on alteration of pharmacokinetics during disease states



Han, Young Nam

Position	Professor (Ph.D., Osaka University)
Office	Yeongeon 13-301, Tel: 740-8927, Fax: 762-8322
e-mail	snake@snu.ac.kr
Lecture	Natural Products Sciences
Research Field	<ol style="list-style-type: none">1. Isolation and characterization of biologically active components from medicinal plants2. Biochemical action mechanisms of saponin as an inhibitor on tissue thromboplastin and calmodulin-dependent enzymes



Jew, Sang-sup

Position	Professor (Ph.D., University of Tokyo)
Office	21-216, Tel: 880-7872, Fax: 886-7621
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Lecture	Organic Chemistry
Research Field	<ol style="list-style-type: none">1. Design of chiral phase transfer catalyst and its application to synthesis of biologically active compounds2. Development of anticancer agent based on Topoisomerase I inhibitor3. Development of new drug based on Centella asiatica



Kang, Chang-Yuil

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Lecture Pharmaceutical Microbiology
Research Field

1. DNA vaccination (Anti-tuberculosis & anti-cancer vaccine, DNA oral vaccination)
2. Development of immunotherapeutics & immunosuppressive agent using mAbs
3. Studies of peripheral immune tolerance
4. Generation of recombinant human antibody
5. Analysis of the pathology of allergic asthma & development of the protective agent



Kang, Sam Sik

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Lecture Natural Products Chemistry
Research Field

1. Isolation, identification and structure elucidation of biologically active plant constituents from medicinal plants (crude drugs).
2. Quantitative determination of the active components from medicinal plants.



Kim, Chong-Kook

Position	Professor (Ph.D., University of Minnesota)
Office	21-407, Tel: 880-7867, Fax: 873-7482
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Lecture	Physical Pharmacy
Research Field	<ol style="list-style-type: none">1. Preformulation and formulation of pharmaceuticals2. Particulate drug carrier systems3. Receptor-oriented drug targeting4. Gene and vaccine delivery



Kim, Dae-Duk

Position	Associate Professor (Ph. D., Rutgers-The State University of New Jersey)
Office	21-308, Tel: 880-7870, Fax: 880-9177
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Lecture	Drug delivery systems
Research Field	<ol style="list-style-type: none">1. Drug delivery systems: transdermal, nasal, pulmonary2. Formulation of nanoparticles3. Tumor-targeting drug delivery system4. Biopharmaceutics and Pharmacokinetics



Kim, Sunghoon

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Lecture Pharmaceutical Microbiology
Research Field 1. Investigation of proteins and protein function for novel drug discovery
2. Functional genomics study for human disease
3. Microbial genomics for novel antibiotics



Kim, Yeong Shik

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Lecture Glycobiology and Natural Product Chemistry
Research Field 1. Interactions with bioactive sulfated polysaccharides and proteins
2. Anti-inflammatory agents and immunomodulators from natural products
3. Analysis of glycosaminoglycans in biofluids
4. Modification of saponin structure



Lee, Bong-Jin

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Lecture	Physical Pharmacy
Research Field	1. Development of peptide drug by peptide engineering 2. Structure-function relationship of drug receptor 3. Protein engineering toward drug development



Mar, Woongchon

Position	Professor (Ph.D., University of Illinois at Chicago)
Office	Yeongeon 13-213, Tel: 740-8911, Fax: 3672-5488
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Lecture	Biochemistry
Research Field	1. Development of liver protective agents from natural products 2. Development of neuroprotective agents from natural products 3. Development of anti-HBV agents from natural products 4. Development of anti-inflammatory agents from natural products 5. Development of anti-breast cancer agents from natural products 6. Development of chemopreventive agents from natural products 7. Channel cloning and knock-out



Park, Hyeung-geun

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Lecture	Pharmaceutical Manufacturing chemistry
Research Field	<ol style="list-style-type: none">1. Development of new hepatoprotective agent from ursane triterpenoid2. Development of new analgesic from vaniloid receptor antagonists3. Development of new synthetic methods for regioselective (E)-enol ethers and their application4. Development of novel C2-and C3-Symmetric chiral phase transfer catalysts for asymmetric synthesis



Shim, Chang-Koo

Position	Professor (Ph.D., University of Tokyo)
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Lecture	Pharmaceutics
Research Field	<ol style="list-style-type: none">1. Transport enhancement of bioactive materials which exhibit poor absorption/uptake characteristics2. Distribution control for site-specific drug delivery3. Excretion control for enhanced drug residence in target sites4. In vivo/in vitro high throughput screening of pharmaco-kinetics (HTPK) for efficient lead optimization in new development



Shin, Jongheon

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Lecture Natural Products Chemistry
Research Field

1. Isolation, structure determination, and industrial development of marine natural products
2. Structure determination of organic substances from diverse natural sources
3. Semi-synthesis of new bioactive derivatives from natural compounds



Suh, Youngbae

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Lecture Plant molecular systematics
Research Field

1. Phylogeny and evolution in basal angiosperms
2. Speciation of endemic species in oceanic islands
3. Phylogeny and evolution of Caprifoliaceae
4. Molecular applications for taxonomy and conservation of medicinal plants.



Suh, Young-Ger

Position	Professor (Ph.D., University of Pittsburgh)
Office	21-215, Tel: 880-7875, Fax: 888-0649
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Lecture	Organic Chemistry, Pharmaceutical Organic Synthesis,
Research Field	Advanced Organic Pharmaceutical Chemistry
	1. Development of new COX-2 and i-NOS inhibitor as antiinflammatory agents
	2. Design and synthesis of vanilloid receptor antagonist as potent analgesics
	3. Development of new potent antibacterial agents (Anti-MRSA, VRE, VRSA)
	4. Total synthesis of bioactive alkaloid and terpenes via stereoselective palladium catalyzed cyclizations and aza-claisen rearrangement



Yun-Choi, Hye Sook

Position	Professor (Ph.D., University of North Carolina at Chapel Hill)
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Lecture	Natural Products Sciences
Research Field	1. Investigation of natural compounds with novel structures
	2. Effects of natural compounds on cardio-circulatory system
	3. Determination of the chemical structure and identification of action mechanism of natural compounds