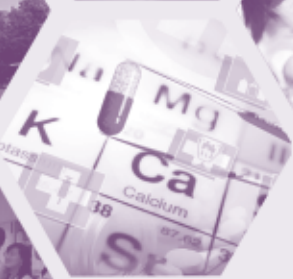




Faculty

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





1. Department of Pharmacy



Chun, Moon Woo

Position	Professor (Ph.D., Osaka University)
Office	21-214, Tel: 880-7847, Fax: 872-3476
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Lecture	Pharmaceutical Chemistry
Research Field	1. Development of antiviral and anticancer nucleosides 2. Development of methodologies of antiviral and anticancer nucleosides



Chung, Jin-Ho

Position	Professor (Ph.D., Johns Hopkins University)
Office	29-322, Tel: 880-7856, Fax: 885-4157
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Lecture	Hygienic Chemistry
Research Field	1. Cardiovascular toxicological evolution using integrated tissue system (ITS) 2. Cardiovascular toxicity following arsenic exposure and its application to human risk assessment 3. Effects of quinones on cell adhesion molecules and cell-cell interaction 4. The role of phospholipase A2 (PLA2) in erythrocytes



Kim, Deukjoon

Position Professor (Ph.D., University of Fordham)
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Lecture Pharmaceutical Chemistry
Research Field 1. Total synthesis of biologically active natural products
2. Synthesis of antiangiogenesis inhibitors as anticancer agents



Kim, Jinwoong

Position Professor (Ph.D., University of Illinois)
Office 21-302, Tel: 880-7853, Fax: 887-8509
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Lecture Pharmacognosy, Natural Product Chemistry
Research Field 1. Isolation and structure elucidation of biologically active principles from indigenous medicinal plants
2. Development of anticancer agents from medicinal plants
3. Selective extraction and purification of bioactive components from medicinal plants using supercritical fluid technology



Kim, Kyu-won

Position	Professor (Ph.D., University of Minnesota)
Office	29-224, Tel: 880-6988, Fax: 872-1795
e-mail	qwonkim@plaza.snu.ac.kr
Lecture	Biochemistry, Pharmaceutical Molecular Biology
Research Field	<ol style="list-style-type: none">1. Molecular mechanism of angiogenesis related with tumor and other human disease2. Embryonic blood vessel formation and differentiation of blood-brain barrier (BBB)



Kim, Sang Geon

Position	Professor (Ph.D., Northwestern University)
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Lecture	Pharmacology
Research Field	<ol style="list-style-type: none">1. Regulation of cytochrome P450 expression and metabolic activation2. Molecular studies on Phase II detoxifying enzyme expression3. Studies on molecular sensors and activation of signaling pathways in response to antioxidant/prooxidant4. Development of anti-cirrhotic agents5. Stress-induced alterations in chemical toxicity6. Hepatic glutathione metabolism and its role in biotransformation of xenobiotics7. Reactive oxygen species-induced tissue/cell injury



Kim, Sanghee

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Lecture Medicinal Chemistry & Organic Synthesis
Research Field 1. Total synthesis of natural products
2. Medicinal chemistry and drug discovery
3. Electrochemical & photochemical bioorganic chemistry



Kim, Young Choong

Position Professor (Ph.D., University of Illinois)
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Lecture Pharmacognosy
Research Field 1. Isolation and characterization of bioactive components from natural resources and determination of their action mechanism
2. Production of secondary metabolites by plant cell culture techniques



Kim, Young Chul

Position Professor (Ph.D., Purdue University)
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Lecture Hygienic Chemistry
Research Field 1. Hepatic/extraphepatic cytochrome P450-dependent biotransformation of xenobiotics including pharmaceutical, industrial and environmental chemicals



Ko, Kwang Ho

Position Professor (Ph.D., Louisiana State University)
Office 29-312, Tel: 880-7848, Fax: 885-8211
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Lecture Neuropharmacology
Research Field 1. Mechanism of seizure expression and manifestation in genetically epilepsy prone rats
2. Regulation of iNOS expression from astrocytes
3. Mechanism of NO reactive oxygen species and peroxynitrite induced glial and neuronal cell toxicity
4. Neurotoxicity of lead (Pb)



Kwon, Sung Won

Position Full-Time Instructor (Ph. D., Seoul National University)
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Lecture Bioanalytical method
Research Field 1. Mass spectrometry-based proteomics
2. Bioanalytical method validation



Lee, Byung Hoon

Position Associate Professor (Ph.D., Heidelberg University)
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Lecture Preventive Pharmacy
Research Field 1. Molecular toxicological studies on environmental chemicals
2. Development of biomarkers for risk assessment
3. Chemical-induced hepatotoxicity: Mechanisms and prevention



Lee, Jeewoo

Position	Professor (Ph.D., State University of New York at Buffalo)
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Lecture	Medical Chemistry
Research Field	<ol style="list-style-type: none">1. Design and synthesis of protein kinase C ligand2. Design and synthesis of vanilloid receptor ligand3. Design and synthesis of aminoacyl-tRNA synthetase inhibitor4. Design and synthesis of anti-amyloid agents



Lee, Mi-Ock

Position	Associate Professor (Ph. D., University of Minnesota)
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e-mail	molee@snu.ac.kr
Lecture	Molecular endocrinology
Research Field	<ol style="list-style-type: none">1. Mechanism of transcriptional activation of nuclear receptors2. Nuclear receptors in vascular remodeling3. Estrogen receptors in breast cancer development4. Screening and development of nuclear receptor-selective ligands5. Toxicogenomics of nuclear receptor-based drugs



Lee, Myung Gull

Position	Professor (Ph.D., University of Illinois)
Office	29-311, Tel: 880-7855, Fax: 889-8693
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Lecture	Pharmacology, Pharmacokinetics
Research Field	<ol style="list-style-type: none">1. Linear and nonlinear pharmacokinetics of drugs using HPLC analysis2. First-pass effects of drugs after oral administration3. Reasons for the multiple peak phenomena in plasma concentrations after oral administration of drugs4. Drug metabolism with respect to Cytochrom P450s5. Pharmacokinetics and/or pharmacodynamics of loop diuretics and anticancer drugs6. Pharmacokinetics and/or pharmacodynamics of drugs in animal disease models



Lee, Seung Ki

Position	Professor (Ph.D., Northwestern University)
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Lecture	Biochemistry, Molecular Endocrinology
Research Field	<ol style="list-style-type: none">1. Signal transduction/cell cycle/apoptosis2. Regulation of gene expression/transcriptional control3. Proteomic analysis of apoptosis



Oh, Jung Mi

Position Assistant Professor
(Pharm.D., University of Maryland at Baltimore)

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Lecture Clinical Pharmacy

Research Field 1. Clinical and translational research related to immunosuppressants and chemotherapeutic agents
2. Population based drug utilization review (DUR)
3. Pharmacogenomic studies related to drug transporters and metabolizing enzymes



Oh, Uhtaek

Position Professor (Ph.D., University of Oklahoma)

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Lecture Physiology, Anatomy

Research Field 1. Capsaicin receptor
2. Pain conduction pathway



Park, Jeong Hill

Position Professor (Ph. D., Seoul National University)
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Lecture Pharmaceutical Analysis
Research Field

1. Studies on ginseng-its chemistry and biological activity
2. Analysis of herbal medicines
3. Biologically active natural products



Shin, Wan Gyoon

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Lecture Clinical Pharmacy
Research Field

1. Clinical pharmacokinetics, pharmacodynamics, population pharmacokinetics
2. Clinical nutrition
3. Drug use evaluation
4. Population pharmacokinetics of digoxin, phenytoin, theophylline, carbamazepine



Shin, Young Kee

Position	Assistant Professor (M.D., Ph.D., Seoul National University)
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Lecture	Pathology
Research Field	<ol style="list-style-type: none">1. Molecular pathology2. Phenomics: large-scale phenotype identification of genetically engineered mouse3. Preclinical assessment of therapeutic antibody



Song, Joon Myong

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Lecture	Pharmaceutics analysis
Research Field	<ol style="list-style-type: none">1. Drug analysis using MEMS device2. Cell biology - DNA damage and repair3. Development of biosensor for disease diagnosis4. Optical in vivo cancer diagnosis



Sung, Sang Hyun

Position Full-Time Instructor (Ph.D. Seoul Nation at University)
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Lecture Pharmacognosy, Natural Product Chemistry, Medicinal Plants
Research Field 1. Isolation and structure elucidation of biologically active constituents from natural products
2. Development of botanical drugs from indigenous medicinal plants
3. Standardization of herbs and herbal preparations using LC-DAD-MS/MS



Surh, Young-Joon

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Lecture Biochemistry
Research Field 1. Biochemical and molecular mechanisms underlying cancer chemopreventive activities of selected edible and medicinal phytochemicals
2. Intracellular signal transduction pathways mediating inflammation and tumor promotion
3. Oxidation stress-mediated cell death and its chemoprotections
