



Byung-Chul Choi

Senior Advisor

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Mr. Byung-Chul Choi is a senior advisor at Shin & Kim, mainly practicing in the areas of Healthcare & Life Sciences.

Prior to joining Shin & Kim, Mr. Choi served as a full-time drug reviewer of the Medical Review and Evaluation Committee at the Health Insurance Review and Assessment Service (HIRA) for more than 16 years, working on insured drugs from January 2009 to February 2025.

Specifically, he served as Director of the Pharmacology and Pharmaceutical Division of the Medical Treatment Review Committee, where he conducted the Pharmaceutical Care Benefit Review, and as Chairman of the Expert Advisory Committee on Pharmaceuticals. With respect to pharmaceutical management, he provided expert scientific advice to various subcommittees on pharmaceuticals, including the Pharmaceutical Care Benefit Evaluation Committee, where he contributed to the establishment and amendment of public notifications for new and existing drugs, advised on risk-sharing drugs, conducted financial impact evaluations of drug prices, and performed post-marketing evaluations of drugs.

In addition, he has served on the KFDA's Central Pharmaceutical Affairs Advisory Committee, the Research Service Agencies Evaluation Committee, the Adverse Drug Reactions Review Committee, and the Korea Institute of Drug Safety & Risk Management's DUR Committee, advising government agencies and public institutions in the areas requiring informed pharmacological judgment.

As an expert in clinical pharmacology, Mr. Choi has acquired comprehensive knowledge on the research, development, approval and distribution of drugs worldwide through his life as a pharmacist, training and education in the U.S. He has continuously observed, studied and researched information on new and existing drugs in Korea and abroad for more than 30 years, and has worked in the field of insured drugs for more than 16 years.

Based on this rich specialized experience, Mr. Choi is expected to provide a strong defense for his clients with respect to the public notifications on insured drugs, the most basic and important standards for drugs covered by the National Health Insurance, applying the academic perspective in key issues such as new listings, changes in criteria, and drug pricing.

Professional Career

2025-Present	Senior Advisor, Shin & Kim LLC
2022-2025	Permanent member (responsible member) of the Medical Treatment Review Committee, Health Insurance Review and Assessment Service (HIRA)
2020-2022	Permanent member (representative member) of the Medical Treatment Review Committee, Health Insurance Review and Assessment Service (HIRA)
2009-2022	Permanent member of the Medical Treatment Review Committee, Health Insurance Review and Assessment Service (HIRA)
2000-Present	Associate Professor, Chung-Ang University (Graduate School of Pharmaceutical Management)
1998-2008	Representative of Pharmacist Education Research Institute and Book Publisher, Yakyeon

Professional Affiliations

Member, American Pharmacists Association

Member, Society of Medical and Pharmaceutical Reviewers

Director, Pharmaceutical Society of Korea

Honorary President, Korean Health Pharmaceutical Society

Advisor, Korea Love Sharing Community

Education

2007	University of Colorado School of Pharmacy, Completed 3 semesters of the Clinical Pharmacy Program
2000	Chosun University College of Pharmacy (Doctor of Pharmacy)
1994-1997	USC School of Pharmacy, Short-term Training; 1st Training (1994), 2nd Training (1995), 3rd Training (1996), 4th Training (1997)
1982	Yonsei University Graduate School of Public Health (Master of Public Health)
1977	Chung-Ang University College of Pharmacy (BPhil.)

Qualifications

1977	Licensed Pharmacist, Korea
1991	Licensed Pharmacist, California

Languages

Professional Activities

Publications

- Clinical Pharmacology of Anticancer Drugs (to be published in 2025)
- Clinical Pharmacology of Biopharmaceuticals (2022)
- Pharmacoinformatics (2021, co-authored)
- Modern Clinical Pharmacology and Therapeutics (2017)
- Pharmacology for the Health Professions (2015, co-author)
- Clinical Toxicology (2014, co-authored)
- Clinical Pharmacology (2013)
- Clinical Pharmacy of Over-the-Counter Drugs (2007)
- Poisonous Drugs and Foods You Didn't Know You Had (2006, edited)
- Clinical Pharmacy Charts (2000)

Theses

- A Study on Immune Response by Intoxication of Parathion, Chloroform and 2,6-Dichlorophenol in Rats (Master's Theses, 1982)
- Pharmacokinetic Changes of Diltiazem, Tolbutamide and Sulfamethoxazole After Oral Administration to Rabbits with Alloxan-Induced Diabetes Mellitus (Doctoral Theses, 2000)

Domestic

- A Study of Recognition and Acceptance on Pharmacists for the Enforcement of Drug Utilization Review; Yakhak Hoeji, 53(6), 368-376 (2009)
- Analysis on Statins for The Treatment of Bone Fracture; Yakhak Hoeji, 53(4), 206-216 (2009)
- Antioxidant Effect of Lutein on N-Nitrosodiethylamine-induced Oxidative Stress in Mice; Yakhak Hoeji, 53(4), 189-193 (2009)
- Pharmacokinetic Interaction between Simvastatin and Nicardipine; Yakhak Hoeji, 19(1), 32-36 (2009)
- Antioxidant Activity and Whitening Effects of Acteoside and Isoacteoside; Yakhak Hoeji 53(1), 1-5 (2009)
- Effect of Caffeic Acid on the Production of Reactive Oxygen Species in Raw 264.7 Cells; Yakhak Hoeji, 52(6), 441-445

(2008)

- Influence for Pharmacy Management by Health Functional Food after the Separation of Prescribing and Dispensing Practice; *Yakhak Hoeji*, 53(.2), 45-50 (2009)
- A Study for Activation of Pharmacy Oriental Medicine after the Separation of Prescribing and Dispensing Practice; *Yakhak Hoeji*, 52(6), 471-479 (2008)
- Effects of Naringin on the bioavailability of Etoposide in Rats; *J. Kor. Pharm. Sci. Vol. 38, No. 5* (2008)
- A Survey for the Recognition and Adoption Rates Concerning the Application of Preceptorship into the Pharmacy Education Setting; *Kor. J. Clin. Pharm. Vol 18, No 1.* (2008)
- Drug Interaction between Praprofen and Aspirin in Rats; *Kor. J. Clin. Pharm. 15(1)*, 50-54 (2005)
- Antiinflammatory Activity and Phospholipase A2 Inhibition of Noni(*Morinda cotrifolia*) Methanol Extracts; *Yakhak Hoeji*, 49(5), 405-409 (2005)
- Antioxidant Effects of Noni(*Morinda cotrifolia*) Extracts Treated with Hcl and Trypsin; *Yakhak Hoeji*, 49(5), 410-415 (2005)
- Effect of Felch on Blood Alcohol Concentration in Human and Hepatic Alcohol Metabolizing Enzyme Activity in alcohol-Fed Rats; *Yakhak Hoeji*, 49(4), 340-346 (2005)
- Drug Interaction Review of Prescriptions for Outpatients at General Hospital; *Yakhak Hoeji*, 49(5), 399-404 (2005)
- An Analysis on the Factors Affecting Revisit and Defection of Long-term Outpatients in Neighboring Pharmacy of General Hospital; *Yakhak Hoeji*, 49(6), 449-458 (2005)
- Pharmacokinetic Characteristic of Tolperisone in Healthy Korean. *Chung Ang J Pharm. Sci. 18*, 89-93 (2004)
- Pharmacokinetic Changes of Tolbutamide After Oral administration to Rabbits with Alloxan-induced Diabetes Mellitus; *J. Kor. Pharm. Sci. Vol. 30, No 2*, 107-112 (2000)
- Clinical Pharmacokinetics of Vancomycin in Ovarian Cancer Patients; *Kor. J. Clin. Pharm.*, 8(1), 13-18 (1998)
- Pharmacokinetics of Cyclosporine in Rabbits with Carbon Tetrachloride and Bile Duct Ligation-induced Hepatic Disorder; *Yakhak Hoeji*, 42(2), 181-186 (1997)
- Chronopharmacokinetics of Vancomycin in Normal Volunteers; *Kor. J. Clin. Pharm. 6(2)*,1-6 (1996)
- A Study on Immune Response by Intoxication of Parathion, Chloroform and 2,6-Dichlorophenol in Rats; *Yakhak Hoeji*, 26(4), 215-222 (1982)

Domestic(SCI-E)

- MLCK and PKC Involvements via Gi and Rho A Protein in Contraction by the Electrical Field Stimulation in Feline Esophageal Smooth Muscle; *Korean J. Physiol. Pharmacol.* (2010)
- The inhibitory effect of quercetin-3-O-beta-D-glucuronopyranoside on gastritis and reflux esophagitis in rats; *Korean J. Physiol. Pharmacol.* (2009)
- The effect of Caffeic Acid on Wound healing in Skin-incised Mice; *Korean J. Physiol. Pharmacol.* (2008)

Overseas(SCI)

- Development of superparamagnetic iron oxide nanoparticles-embedded chitosan microspheres for magnetic resonance-traceable embolotherapy; *Biomolecular & Therapeutics* (2009)
- Novel Porous Matrix of Hyaluronic Acid for the Three-dimensional Culture of Chondrocytes; *International journal of pharmaceutics* (2008)
- Effect of resveratrol on the pharmacokinetics of oral and intravenous nicardipine in rats: possible role of P-glycoprotein inhibition by resveratrol; *Pharmazie* (2008)
- Altered pharmacokinetics of paclitaxel by the concomitant of morin in rats; *Int J Pharm*; 323(1-2):81-5 (2006)
- Effects of Quercetin on the pharmacokinetics of Oral Cyclosporine; *Am J Health-Syst Pharm*, Vol 61 Nov 15 (2004)
- Pharmacokinetic Changes of Oral Sulfamethoxazole in Rabbits with Diabetes Mellitus-induced by Alloxan; *Research Communications in Molecular Pathology and Pharmacology* Vol. 108, NOS. 5& 6 (2000)

Overseas Publication

- "Patient counseling of Over-The-Counter drugs to enhance the pharmacist's role" The 7th Asia Conference on Clinical Pharmacy, Shanghai, China (July 2007)
- "The Pharmacist's Role in Significant Hazardous Interactions of Duplicative Therapy Focusing Antipsychotics and Antibiotics for Drug Utilization Review"; *International Pharmaceutical Federation (FIP) 65th Congress*. Cairo, Egypt. September 2-8 (2005)
- "Effects of Quercetin on the Pharmacokinetics of Cyclosporine in Human Subjects"; *International Pharmaceutical Federation (FIP) 63rd Congress*. Sydney, Australia. September 4-9 (2003)
- "Drug Interaction of Cimetidine and Cyclosporine in Human Subjects"; *The 18th Federation of Asian Pharmaceutical Associations (FAPA) Congress*. Sydney, Australia. October 26-30 (2000)
- "Internet Program for Community Pharmacists"; *The 17th Federation of Asian Pharmaceutical Associations (FAPA) Congress*. Mumbai, India. December 10-13 (1998)