



• Field Pharmacology and neuropharmacology
• Name Seo, Hong-won
• Title Professor

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I Educational background

1979-1983 Bachelor of Biomedical Science and Chemistry, Oral Roberts University, Tulsa, Oklahoma, USA
1983-1985 Master of Pharmacology, Oral Roberts University, Tulsa, Oklahoma, USA
1985-1989 Doctor of Neuropharmacology, Medical college of Wisconsin, Milwaukee, WI, USA

I Major careers

2007- Present director of 천연의약품연구소, the College of Medicine, Hallym University
2002- Present professor of the Institute of Pharmacology, the College of Medicine, Hallym University
1997-2000 Associate professor of the Institute of Pharmacology, the College of Medicine, Hallym University
1992-1997 Assistant professor of the Institute of Pharmacology, the College of Medicine, Hallym University
1989-1992 Postdoctoral course, Neuropharmacology Section, Laboratory of Molecular and Integrative Neuroscience, NIEHS/NIH
1958-1989 Teaching assistant, Medical College of Wisconsin, USA
1983-1985 Teaching assistant, Oral Roberts University, USA

I Studies & Books

1. 주저자: 제1저자, 공동저자(교신), 단독

- Effect of histamine receptors agonists or antagonists administered intracerebroventricularly and intrathecally on the blood glucose level in immobilization stress model [ANIMAL CELLS AND SYSTEMS, SCI급, 공동(교신), 2015]
- Effect of Sulfonylureas Administered Centrally on the Blood Glucose Level in Immobilization Stress Model [The Korean Journal of Physiology & Pharmacology, SCI급, 공동(교신), 2015]
- Involvement of alpha(2)-adrenergic receptor in the regulation of the blood glucose level induced by immobilization stress [ARCHIVES OF PHARMACAL RESEARCH, SCI급, 공동(교신), 2015]
- Temporal expression of hippocampal lysophosphatidic acid receptors and their roles in kainic acid-induced neurotoxicity [Genes Genom, SCI급, 공동(교신), 2014]
- Ghrelin administered spinally increases the blood glucose level in mice [Peptides, SCI급, 공동(교신), 2014]
- The Modulatory Role of Spinally Located Histamine Receptors in the Regulation of the Blood Glucose Level in D-Glucose-Fed Mice [The Korean Journal of Physiology & Pharmacology, SCI급, 단독, 2014]
- Effects of nateglinide and repaglinide administered intracerebroventricularly on the CA3 hippocampal neuronal cell death and hyperglycemia induced by kainic acid in mice [Brain Research Bulletin, SCI급, 공동(교신), 2014]
- Effect of tolbutamide, glyburide and glipizide administered supraspinally on CA3 hippocampal neuronal cell death and hyperglycemia induced by kainic acid in mice [Brain Research, SCI급, 공동(교신), 2014]
- The modulatory role of alpha-melanocyte stimulating hormone administered spinally in the regulation of blood glucose level in D-glucose-fed and restraint stress mouse models [Neuropeptides, SCI급, 공동(교신), 2014]
- Pertussis Toxin Administered Spinally Induces a Hypoglycemic Effect on Normal and Diabetic Mice [Pharmacology, SCI급, 공동(교신), 2014]
- Involvement of α_2 -adrenergic receptor in the regulation of the blood glucose level induced by immobilization stress [Arch. Pharm. Res., SCI급, 공동(교신), 2014]
- Role of corticotropin-releasing hormone receptor 1 in the regulation of nociception in mice [Animal Cells and Systems, SCI급, 공동(교신), 2014]
- Effect of pertussis and cholera toxins administered supraspinally on CA3 hippocampal neuronal cell death and the blood glucose level induced by kainic acid in mice [Neuroscience Research, SCI급, 공동(교신), 2014]

2. 공동저자: 공동저자(참여)

- Activation of spinal α_2 adrenergic receptors induces hyperglycemia in mouse though activating sympathetic outflow [European Journal of Pharmacology, SCI급, 공동(참여), 2014]

| Others

1. Major research topic

- Investigating and revealing the signal mechanism related to pain and opioid systems
- Investigating and revealing the mechanism related to the nerve cell death and protection effects in nerve cell damage models by Kainic acid
- Investigating and revealing the mechanism related to pain and saccharometabolism
- Investigating and revealing the mutual mechanism of central nervous systems and saccharometabolism

2. Academic activities

- Director of the Korean Society of Pharmacology
- Regular member of
- Regular member of the Korean Society of Stress Medicine
- Regular member of the Korean Diabetes Association