

# Curriculum Vitae

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## Education and Appointment:

1982.3-1987.2 Ph. D College of Pharmacy, Seoul National University, Korea

1980.3-1982.2 MS College of Pharmacy, Seoul National University, Korea

1976.3-1980.2 BS College of Pharmacy, Seoul National University, Korea

## Positions Held

1996.09 –Present Professor College of Pharmacy, Chungnam National University

2009.03 – 2019.02 Director, Institute of Drug Research & Development, CNU

2014.01 – 2014.12 President, The Korean Society of Pharmacognosy

2011.03 - 2013.01 Dean, College of Pharmacy, Chungnam National University

2004.09 – 2006.08 Visiting Scientist in NCI, NIH, USA

1991.01 - 1991.12 Post Doc. Purdue University, USA

1987.03 - 1996.08 Senior Researcher KRIBB, Korea

## Awards

2019.11 Gasan Kwangdong Haksooldaesang

2018.5 Good Teacher's Award (Chungnam National University)

2016.11 Haksooldaesang (Korean Society of Pharmacognosy)

2016.10 Yoon Kwang Ryeul Award ( Pharmaceutical Society of Korea)

2015.12 Hanpoong Sangam Awards (Korean Society of Pharmacognosy)

2013. 5 Special Contribution Award for Chungnam National University

2011.12 Wooje Natural Drug Scientific Award, Korean Society of Pharmacognosy

2009.3 Honorary Doctor Degree from VAST, Vietnam

2006.11 Nokam Scientific Award (The Pharmaceutical Society of Korea)

### **Research Interests**

Isolation and structure elucidation of biologically active components from medicinal plants, marine organisms, and microbial metabolites.

Development of functional foods

Development of quantitative method and analysis of standard compounds from crude drugs

Many collaborative works together with Vietnam, China and other countries

### **Memberships**

The Korean Society of Pharmacognosy – Former President

The Pharmaceutical Society of Korea – Former Vice President

American Society of Pharmacognosy – Member

**HIndex Scopus** : 66

**Publication** (915 published)

### **Selected Publications (675 papers published)**

19-1 (644) Le Ba Vinh, Jung Up Park, Le Xuan Duy, Nguyen Thi Minh Nguyet, Seo Young Yang, Young Ran Kim, Young Ho Kim. Ginsenosides from Korean red ginseng modulate T cell function via the regulation of NF-AT-mediated IL-2 production. Food Sci Biotechnol (2019) 28(1):237–242

19-2 (645) Hoon-Seok Yoon, Jung-Il Kang, Sung Min Kim, Ara Ko, Young-Sang Koh, Jin-Won Hyun, Sang-Pil Yoon, Mee Jung Ahn, Young Ho Kim, Ji-Hoon Kang, Eun-Sook Yoo, and Hee-Kyoung Kang. Norgalanthamine Stimulates Proliferation of Dermal Papilla Cells via Anagen-Activating Signaling Pathways. Biol. Pharm. Bull. 42, 139–143 (2019).

19-3 (646) Cai Yi Wang, Sunggun Lee, Hyun-Jae Jang, Xiang Dong Su, Heng-Shan Wang, Young Ho Kim and Seo Young Yang. Inhibition potential of phenolic constituents from the aerial parts of *Tetragium hemsleyanum* against soluble epoxide hydrolase and nitric oxide synthase. JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY 2019, VOL. 34, NO. 1, 753–760.

19-5 (648) Hong Xu Li, Seo Young Yang, Young Ho Kim and Wei Li. Isolation of Two New Comp

ounds and Other Constituents from Leaves of *Piper crocatum* and Study of Their Soluble Epoxide Hydrolase Activities. *Molecules* 2019, 24, 489; doi:10.3390/molecules24030489

19-6 (649) Le Ba Vinh, Hyun-Jae Jang, Nguyen Viet Phong, Kyoungwon Cho, Sung Sun Park, Jong Seong Kang, Young Ho Kim, Seo Young Yang. Isolation, structural elucidation, and insights into the anti-inflammatory effects of triterpene saponins from the leaves of *Stauntonia hexaphylla*. *Bioorganic & Medicinal Chemistry Letters* 29 (2019) 965–969.

19-7 (650) Eun Young Hong, Tae Yang Kim, Gwan Ui Hong, Hanna Kang, Jung-Yun Lee, Jae Yeo Park, Se-Chan Kim, Young Ho Kim, Myung-Hee Chung, Young-In Kwon, and Jai Youl Ro. Inhibitory Effects of Roseoside and Icariside E4 Isolated from a Natural Product Mixture (No-ap) on the Expression of Angiotensin II Receptor 1 and Oxidative Stress in Angiotensin II-Stimulated H9C2 Cells. *Molecules* 2019, 24, 414; doi:10.3390/molecules24030414

19-9 (652) Le Ba Vinh, Nguyen Thi Minh Nguyet, Seo Young Yang, Jang Hoon Kim, Nguyen Van Thanh, Nguyen Xuan Cuong, Nguyen Hoai Nam, Chau Van Minh, Inkyu Hwang & Young Ho Kim. Cytotoxic triterpene saponins from the mangrove *Aegiceras corniculatum*. *Natural Product Research* 2019, VOL. 33, NO. 5, 628–634. <https://doi.org/10.1080/14786419.2017.1402320>

19-10 (653) Thi Phuong Duyen Vu, In Sook Cho, Kyung Tae Kim, Seo Young Yang, Young Ho Kim, Jong Seong Kang. Evaluation of phenolic compounds from viroid-free and viroid-infected apples using HPLC-PDA-ESI-MS/MS. *Phytochemical Analysis*. 2019;30:395–404.

19-11 (654) Xiang-Dong Su, Hyun-Jae Jang, Cai-Yi Wang, Seung Woong Lee, Mun-Chual Rho, Young Ho Kim, and Seo Young Yang. Anti-inflammatory Potential of Saponins from *Aster tataricus* via NF- $\kappa$ B/MAPK Activation. *J. Nat. Prod.* 2019, 82, 1139–1148.

19-12 (655) Jang Hoon Kim, Sunggun Lee, Saerom Park, Ji Soo Park, Young Ho Kim and Seo Young Yang. Slow-Binding Inhibition of Tyrosinase by *Ecklonia cava* Phlorotannins. *Mar. Drugs* 2019, 17, 359; doi:10.3390/md17060359

19-13 (656) Vo Thanh Sang, Ton That Huu Dat, Le Ba Vinh, Le Canh Viet Cuong, Phung Thi Thu Oanh, Hoang Ha, Young Ho Kim, Hoang Le Tuan Anh, and Seo Young Yang. Coral and Coral-Associated Microorganisms: A Prolific Source of Potential Bioactive Natural Products. *Mar. Drugs* 2019, 17, 468; doi:10.3390/md17080468.

19-14 (657) Le Ba Vinh, Hyun-Jae Jang, Nguyen Viet Phong, Gao Dan, Kyoung Won Cho, Young Ho Kim, Seo Young Yang. Bioactive triterpene glycosides from the fruit of *Stauntonia hexaphylla* and insights into the molecular mechanism of its inflammatory effects. *Bioorganic & Medicinal Chemistry Letters* Volume 29, (2019) 2085-2089.

19-15 (658) Hong Xu Li, Suyoung Kang, Seo Young Yang, Young Ho Kim, Wei Li, Chemical constituents from *Dendropanax morbiferus* H. Lev. Stems and leaves and their chemotaxonomic significance *Biochemical Systematics and Ecology* Volume 87, (2019) 103936.

19-16 (659) Xiang Dong Su, Hyun-Jae Jang, Hong Xu Li, Young Ho Kim, Seo Young Yang. Identification of potential inflammatory inhibitors from *Aster tataricus* *Bioorganic Chemistry* 92 (2019) 103208.

19-17 (660) Le Duc Dat, Ngo Viet Duc, Bui Thi Thuy Luyen, Ha Van Oanh, Hyun Jae Jang, Tran Thu Huong, Young Ho Kim, Nguyen Phuong Thao. Megastigmane and abscisic acid glycosides from the leaves of *Laurus nobilis* L. *Phytochemistry Letters* Volume 33, October 2019, Pages 1-5

19-18 (661) Le Duc Dat, Nguyen Thi Minh Tu, Ngo Viet Duc, Bui Thi Thuy Luyen, Chu Thi Thanh Huyen, Hyun Jae Jang, Dang Thi Thu, Tran Thu Huong, Le Huyen Tram, Nguyen Van Thong, Nguyen Duc Hung, Young Ho Kim, Nguyen Phuong Thao. Anti-inflammatory secondary metabolites from the stems of *Millettia dielsiana* Harms ex Diels. *Carbohydrate Research* 484 (2019) 107778.

19-19 (662) Xiang Dong Su, Rui Hong Guo, Seo Young Yang, Young Ho Kim and Young Ran Kim. Anti-bacterial effects of components from *Sanguisorba officinalis* L. on *Vibrio vulnificus* and their soluble epoxide hydrolase inhibitory activity *NATURAL PRODUCT RESEARCH*, 2019, VOL. 33, NO. 23, 3445–3449.

19-20 (663) Nguyen Van Thanh, Hyun-Jae Jang, Le Ba Vinh, Kieu Thi Phuong Linh, Phan Thi Thanh Huong, Nguyen Xuan Cuong, Nguyen Hoai Nam, Chau Van Minh, Young Ho Kim, Seo Young Yang. Chemical constituents from Vietnamese mangrove *Calophyllum inophyllum* and their anti-inflammatory effects, *Bioorganic Chemistry*, 88 (2019), 102921.

19-22 (664) Hong Xu Li, Wahyu Widowati, Rizal Azis, Seo Young Yang, Young Ho Kim, Wei Li. Chemical constituents of the *Piper crocatum* leaves and their chemotaxonomic significance, *Biochemical Systematics and Ecology*, 86 (2019) 103905.

19-23 (665) Thi Phuong Duyen Vu, Trong Quan Khong, Thi Minh Nguyet Nguyen, Young Ho Kim, Jong Seong Kang. Phytochemical profile of *Syzygium formosum* (Wall.) Masam leaves using HPLC–PDA–MS/MS and a simple HPLC–ELSD method for quality control. *Journal of Pharmaceutical and Biomedical Analysis* Volume 168 (2019) 1-12.

19-24 (666) Sun Woo Jin, Hoa Thi Pham, Jae Ho Choi, Gi Ho Lee, Eun Hee Han, Young Ho Cho, Young Chul Chung, Young Ho Kim and Hye Gwang Jeong. Impressic Acid, a Lupane-Type Triterp enoid from *Acanthopanax koreanum*, Attenuates TNF–Induced Endothelial Dysfunction via Activati on of eNOS/NO Pathway. *Int. J. Mol. Sci.* 2019, 20, 5772; doi:10.3390/ijms20225772.

19-25 (667) Gi-Ho Son · Hye-Jin Lee · Young-Guk Na · Hong-Ki Lee · Sung-Jin Kim · Hyun-Wook Huh · Kyung-Tae Kim · Jong-Seong Kang · Young-Ho Kim · Chang-Seon Myung · Min-Ho Yoon · S eok Jin Kim · Hyun So Cho · Jae-Young Lee · Cheong-Weon Cho. Formulation and statistical analy sis of an herbal medicine tablet containing *Morus alba* leaf extracts. *Journal of Pharmaceutical In vestigation* (2019) 49:625–634.

19-26 (668) Hyeon-Seon Ji, Hua Li, Eun-Jin Mo, Un-Hee Kim, Young-Ho Kim, Ho-Yong Park and T ae-Sook Jeong. Low-density lipoprotein-antioxidant flavonoids and a phenolic ester from *Plectranth us hadiensis* var. *tomentosus* *Appl Biol Chem* (2019) 62:58 <https://doi.org/10.1186/s13765-019-0464-y>

19-27 (669) Hong Xu Li, Seo Young Yang, Young Soo Kim, Hae Dong Jang, Young Ho Kim, Wei Li. Nitro derivatives and other compounds from sugar apple (*Annona squamosa* L.) leaves exhibit soluble epoxide hydrolase inhibitory activity *Medicinal Chemistry Research* (2019) 28:1939–1944.

19-28 (670) Pham Ngoc Khanh, Bui Huu Tai, Tran Thu Huong, To Dao Cuong, Ha Viet Hai, Ngo Xuan Luong, Young Ho Kim, Nguyen Manh Cuong, TERPENOIDS FROM THE LEAVES AND STEM S OF *DYSOXYLUM TPONGENSE*. *Vietnam Journal of Science and Technology* 57 (2) (2019) 139-145.

19-29 (671) To Dao Cuong, Hoang Thi Ngoc Anh, Tran Thu Huong, Pham Ngoc Khanh, Vu Thi H a, Tran Manh Hung, Young Ho Kim, and Nguyen Manh Cuong. Identification of Soluble Epoxide H ydrolase Inhibitors from the Seeds of *Passiflora edulis* Cultivated in Vietnam *Natural Product Scie nces* 25(4) : 348-353 (2019) <https://doi.org/10.20307/nps.2019.25.4.348>

20-1 (672) Hyun Wook Huh, Young-Guk Na, Ki-Hyun Bang, Sung-Jin Kim, Minki Kim, Kyung-Tae Kim, Jong-Seong Kang, Young-Ho Kim, Jong-Suep Baek, Hong-Ki Lee and Cheong Weon Cho. Extended Intake of Mulberry Leaf Extract Delayed Metformin Elimination via Inhibiting the Organic Cation Transporter 2. *Pharmaceutics* 2020, 12, 49; doi:10.3390/pharmaceutics12010049

20-2 (672) You Jin Nam, Eun Young Lee, Eun-Ju Choi, Sangjin Kang, Jinwan Kim, Yong-Soo Choi, Dong Hyun Kim, Ji Hae An, Inbo Han, Sunghou Lee, Min Ho Lee, Young Ho Kim, Ji Hyung Chung. CRH receptor antagonists from *Pulsatilla chinensis* prevent CRH-induced premature catagen transition in human hair follicles. *J Cosmet Dermatol.* 2020;00:1–9. <https://doi.org/10.1111/jocd.13328>

20-4 (674) Thi Minh Nguyet Nguyen, Hong Son Le, Ba Vinh Le, Young Ho Kim, Inkyu Hwang. Anti-allergic effect of inotodiol, a lanostane triterpenoid from Chaga mushroom, via selective inhibition of mast cell function. *International Immunopharmacology* 81 (2020) 106244

20-5 (675) Sang-Bin Lee, Seo Young Yang, Nguyen Phuong Thao, Dae-Gun Seo, Sunggun Kim, Chi Thanh Ma, So-Young Park, Young Ho Kim, and Hyun Ok Yang. Protective Effects of Compounds from *Cimicifuga dahurica* against Amyloid Beta Production in Vitro and Scopolamine-Induced Memory Impairment in Vivo *J. Nat. Prod.* 2020, 83, 223–230

#### **Selected Patents (50 patents enrolled)**

50. A pharmaceutical composition comprising viscozyme treated extract of *Morus alba* leaves for preventing or treating diabetes mellitus. Patent Number : 1019491530000. Patent Date : 2019.02.12