**Youngjoo Byun, Ph.D.**

***Professor***

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***Education***

1990-1994 *B.S*. Seoul National University, South Korea

1994-1996 *M.S*. Seoul National University

2001-2006 *Ph.D*. Ohio State University, USA

***Positions and Employment***

1996-2001 Senior Scientist, AmorePacific R&D Center

2006-2007 Postdoctoral Fellow, School of Medicine, Johns Hopkins University

2007-2009 Research Associate, School of Medicine, Johns Hopkins University

2009-2011 Instructor, School of Medicine, Johns Hopkins University

2011-2013 Assistant Professor, College of Pharmacy, Korea University

2013-2017 Associate Professor, College of Pharmacy, Korea University

2017- Professor, College of Pharmacy, Korea University

***Awards***

Excellent Research Scientist, 2000, AmorePacific R&D Center

Young Scholar Award, 2016, Korean Society of Organic Synthesis

***Representative Publications (since 2015)***

1. H. S. Kim; S. H. Lee; Y. Byun\*; H. D. Park\*, 6-gingerol reduces *pseudomonas aeruginosa* biofilm formation and virulence via quorum sensing inhibition, *Scientific Reports*, **2015**, 5, 8656
2. M Subedi, I Minn, J Chen, YH Kim, K Ok, YW Jung, MG Pomper, Y Byun\*, [Design, synthesis and biological evaluation of PSMA/hepsin-targeted heterobivalent ligands](http://scholar.google.co.kr/citations?view_op=view_citation&hl=ko&user=e77PLLAAAAAJ&sortby=pubdate&citation_for_view=e77PLLAAAAAJ:pZYLKkizsIQC), *European Journal of Medicinal Chemistry*, **2016**, 118, 208-218
3. H Choi. SY Ham, E Cha, HS Kim, JK Bang, SH Son, HD Park\*, Y Byun\*, Structure-activity relationships of 6- and 8-gingerol analogs as anti-biofilm agents, *Journal of Medicinal Chemistry*, **2017**, 60(23), 9821-9837
4. H Kim, K Kim, S-H Son, JY Choi, K-H Lee, B-T Kim, Y Byun\*,YS Choe\*, 18F-Labeled BODIPY dye: A potential prosthetic group for brain hybrid PET/Optical imaging agents, *ACS Chemical Neuroscience*, **2019**, 10(3), 1445-1451
5. BB Park, JW Choi, D Park, D Choi, J Paek, HJ Kim, S-Y Son, A Mushtaq, H Shin, SH Kim, Y Zhou, T Lim, JY Park, J-Y Baek, K Kim, H Kwon, S-H Son, KY Chung, H-J Jeong, H-M Kim, YW Jung, K Lee, KY Lee\*, Y Byun\*, YH Jeon\*, [Structure-activity relationships of baicalein and its analogs as novel TSLP inhibitors](https://www.nature.com/articles/s41598-019-44853-5), *Scientific Reports*, **2019**, 9, 8762
6. SH Son, Y Byun\*, N Sakairi\*, Selection of neighboring group participation intermediates of fully acylated donors around the glycosylation sites in oligosaccharide acceptors, *Organic Letters*, **2019**, 21(23), 9368-9371