



Prof. Kim, Jae Il

E-mail. jikim@gist.ac.kr

Tel. 062-715-2494

Tel. <http://life.gist.ac.kr/nmr/>

Education

1992 : Ph.D. in Biophysics and Biochemistry, University of Tokyo
 1987 : M.S. in Biochemistry, Pusan National University
 1985 : B.S. in Chemistry, Pusan National University

Experience

1998~present : Professor, GIST
 1997~1998 : Assistant Professor, University of Tokyo
 1993~1997 : Research Associate, Mitsubishi Kagaku Institute of Life Science

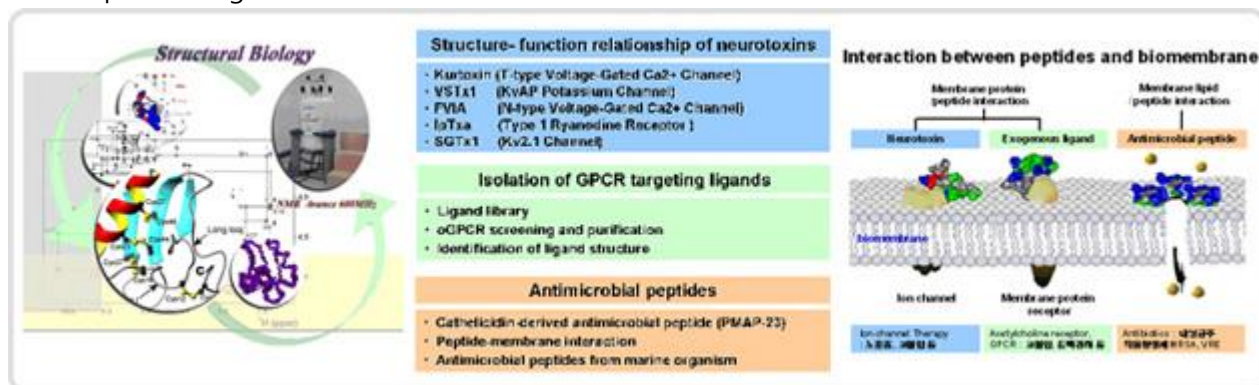
Fact sheet

Member, The Japanese Bioindustry Association
 Member, Protein Research Foundation
 Member, The Biochemical Society, Korea



Research Topics

Main research topic of our laboratory is to understand the molecular architecture of bioactive peptides, with particular interests in those active on major therapeutic drug targets, such as ion channels and G-protein coupled receptors (GPCRs). Those bioactive peptides are obtained from biological samples and synthesized chemically using structure-based drug design techniques. Our laboratory has developed strong expertise on biochemical, structural and molecular biology analyses of bioactive peptides, and research programs aiming to discover novel bioactive peptides, understand their structure, and finally engineer them for therapeutic drugs.



PUBMED AUTHOR INFORMATION

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Jae+Il+Kim>