

Kiwon Ban

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Educational Background

Degree	Period	Institution	Subject
Ph.D	2006.9~ Present	University of Toronto	Physiology
M.Sc	2003.1~ 2005.10	University of Toronto	Physiology
M.Sc	1998.3 ~ 2000.02	Dongguk University (Seoul, Korea)	Microbiology
B.Sc	1991.3 ~ 1998.02	Dongguk University (Seoul, Korea)	Applied Biology

Employment History

Jan, 2006 – Present	Toronto General Hospital Research Institute (TGHRI).
2000 - 2001	Secondary School Science Teacher, Young Hoon High School, Seoul, Korea.
Summer 1999	Research assistant, Research Institute for Natural Science (RINS), Dongguk University, Seoul, Korea.
Summer 1998	Teaching Assitant, (General Biology and Micro Biology) Department of Applied Biology, Dongguk University, Seoul, Korea.

Awards and Scholarships

1999	Research Institute of Natural Science Scholarship
1998	Teaching Assistant Scholarship, Dept. of Applied Biology, Dongguk University
1997	33rd Academic Thesis Competition of Dongguk University Newspaper.

Publications

Journals (First author: 2 , Co- author: 1)

- 1. Cultural Characteristics for Inducing Fruiting-body of *Isaria japonica*.**
The Korean Journal of Mycology. Vol 26,3: 380-386. 1998 (As the first author)
- 2. The Sclerotia Formation of *Polyporus umbellatus* on the Logs.**
The Korean Journal of Mycology. vol 26,3: 396-398. 1998
- 3. The selective role of PI3- kinase isozymes in myocardial ischemic preconditioning.**
Submitted to the “*Nature medicine*” 2006 (As the first author)

Abstracts (First author: 8 , Co- author: 1)

- 1. Cultural conditions of *Dendropolyporus umbellate*(Pers:Fr) Julich.**
Sixth International Mycological congress, Jerusalem, Israel. 1998
- 2. The role of PI3-kinase isomers in myocardial ischemic preconditioning.**
The annual meeting of the Department physiology. 2004
- 3. The role of PI3-kinase isomers in myocardial ischemic preconditioning.**
Annual Heart & stroke /Richard lewar centre conference. 2004
- 4. The role of PI3-kinase isomers in myocardial ischemic preconditioning.**
The annual meeting of the Department physiology. 2005
- 5. The role of PI3-kinase isomers in myocardial ischemic preconditioning.**
Annual Heart & stroke /Richard lewar centre conference. 2005
(Selected as top four finalists for poster presentation)
- 6. The role of PI3-kinase isomers in myocardial ischemic preconditioning.**
The international meeting of “Future direction in understanding heart failure.” 2005
- 7. The role of Glucagon like peptide-1 in myocardial ischemia reperfusion injury.**
Annual Heart & stroke /Richard lewar centre conference. 2006
- 8. The role of Glucagon like peptide-1 in myocardial ischemia reperfusion injury.**
Ontario hypertension society annual conference. 2006
- 9. The role of PI3-kinase isomers in myocardial ischemic preconditioning.**
28th annual meeting of International Society for Heart Research. June, 2006

Research Projects

Period	Title	Organization	Position
1997~ 1999	Isolation and identification of beneficial entomopathogenic fungi and its uses for industrial purposes	The Korea Science & Engineering foundation	Research Assistant
1998~ 2002 (1999,2000)	The development of immunomodulatory agent using by some entomopathogenic fungi	The ministry of Health and Hygiene in Korea	Research Assistant
2003 - 2005	The role of PI3-kinase in myocardial ischemic preconditioning	N/A	Research Assistant
2006 - Present	The role of Glucagon like peptide -1 in ischemia reperfusion injury	Heart & stroke foundation in Ontario	Research Assistant