
Po-Wu Gean, Ph.D.

Department of Pharmacology, College of Medicine
National Cheng Kung University
No. 1, University Road, Tainan City 701, Taiwan
Phone No.: 06-2353535 ext.5507
Fax No.: 06-2749296
E-mail: powu@mail.ncku.edu.tw
Web: <http://www.ncku.edu.tw/~pharma/v2011/staff/5.html>

**Education**

- 1978-1980 M.S., Department of Pharmacology, College of Medicine, National Taiwan University
1982-1987 Ph.D., Department of Pharmacology, The University of Texas, Medical Branch, Galveston, Texas, U.S.A.

Research and Professional Positions Held in Chronological Sequence

- 1991-present Professor in Pharmacology, Department of Pharmacology, College of Medicine, National Cheng-Kung University
1995-1996 Visiting Professor, Department of Pharmacology, University of Texas Medical Branch, Galveston, Texas, U.S.A.
1996-2002 Chairman, Department of Pharmacology, College of Medicine, National Cheng-Kung University
1999-2003 Director, Department of Pharmacy, National Cheng-Kung University Hospital
2003-2005 Dean, College of Pharmacy, China Medical University
2005-2007 Chairman, Pharmacy and Chinese Medicine section, National Science Council (國科會藥學及中醫藥學門召集人)
2007-2009 Vice Dean, College of Medicine, National Cheng-Kung University

Research Interests

Anxiety is a normal response when an animal is expecting a threat to his life. It is adaptive and signals danger that contributes to the mastery of a difficult situation. However, excessive anxiety is pathological either because it is too intense or because it is inappropriately provoked by events that present no real danger. Anxiety disorders are the most common psychiatric disorders, found in 10-30% of general population. Currently, the research interest in my laboratory is directed toward analyzing the roles of AMPA receptors, protein kinases and transcriptional factors in the acquisition and extinction of fear memory.

Exposure to early social deprivation such as child abuse and neglect induces robust alterations in the normal development of neuroendocrine and neurobiological systems that may result in enhanced risks for the development of psychopathologies such as major depression, schizophrenia and anxiety disorders. We recently established an animal model in which isolation rearing-induced violent aggression in rat mimicked the abnormal reactive-impulsive behaviors in human. As aggression causes major public health and social problems, investigation into the

mechanisms underlying excessive and inappropriate aggression in socially-deprived animals is urgently needed.

Major Honors and Awards

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| 1992 | Distinguished Research Award, The Taiwan Pharmacology Society |
| 1995-2001 | Distinguished Research Award, National Science Council of Taiwan |
| 1998 | Shih-Chun Wang Outstanding Investigator Award in Neuroscience Research |
| 2002-2008 | Special-Contract Distinguished Research award, National Science Council
(國科會特約研究員) |
| 2006 | Distinguished Research Award, Department of Education (教育部學術獎) |
| 2007 | Min-Ling Wang Distinguished Contribution to Health Sciences Research
Award |
| 2008 | Chair Professor Award, National Cheng-Kung University (成功大學講座教授) |
| 2010 | Distinguished Alumni, Department of Pharmacy, National Taiwan University |
| 2012 | National Chair Professor, Department of Education
(教育部國家講座教授) |
| 2013 | Lee Tien Te Distinguished Biomedical Research Award |