

Tamás F. Freund

CURRICULUM VITAE

Personal Details

Name: Tamás F. Freund
Date of birth: 14th June 1959
Place of birth: Zirc, Hungary
Nationality: Hungarian
Marital Status: Married, with two children -
Éva, born 1985, Ádám, born 1991

Qualifications

First Degree: Biology, 1983, Eötvös Loránd University, Budapest, Hungary.
Graduating Thesis: The axo-axonic interneuron in the cerebral cortex.
Second Degree: Ph.D., 1984, Eötvös Loránd University, Budapest, Hungary.
Title of Thesis: The axo-axonic interneuron in the cerebral cortex of cat, rat and monkey
Third Degree: "Candidate" of Biological Science, 1986, Hungarian Academy of Sciences
Title of Thesis: Dopaminergic innervation of the rat neostriatum in normal animals, and its reinnervation by embryonic dopaminergic transplants following denervation
Fourth Degree: Doctor of Biological Science, 1992, Hungarian Academy of Sciences
Title of Thesis: Synaptic and neurochemical architecture of the hippocampus, and its role in ischemic and epileptic brain injury
Member of the Hungarian Academy of Sciences from 1998.

Research Experience and Positions Held

1980-1983 Student Research Assistant, 1st Department of Anatomy, Semmelweis University Medical School, Budapest, Hungary.

1982-1983 Research Fellow of the Herbert von Karajan Neuroscience Research Trust, Department of Pharmacology, Oxford University, U.K.

1983-1986 Junior Research Fellow of the Hungarian Academy of Sciences, 1st Department of Anatomy, Semmelweis University Medical School, Budapest, Hungary.

1985 (Jan-May) Research Fellow, Department of Experimental Psychology, Oxford University, U.K.

1986-1989 Research Fellow of the Hungarian Academy of Sciences, 1st Department of Anatomy, Semmelweis University Medical School, Budapest, Hungary.

1986-1988 Senior Research Fellow of Neuropharmacology at the MRC Anatomical Neuropharmacology Unit, Department of Pharmacology, Oxford University.

1990 to date Head of Department, Department of Functional Neuroanatomy, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest.

1994 to 2002 Deputy Director, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest.

2000 to date Head of Department of Neurosciences, Péter Pázmány Catholic University, Budapest

2002 to date Director, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest.

Honours and Prizes

1991 Winner of the Drs. C. and F. Demuth Swiss Medical Research Foundation Award, Switzerland.
1991 Winner of the KRIEG CORTICAL KUDOS Cortical Explorer Award of the Cajal Club, U.S.A.
1997 Academy Award, Hungarian Academy of Sciences.
1998 Winner of the KRIEG CORTICAL KUDOS Cortical Discoverer Award and the Cajal Medal of the Cajal Club, U.S.A.
1998 Dargut and Milena Kemali Foundation Award, FENS Forum, Berlin.
1998 Corresponding Member of the Hungarian Academy of Sciences
1999 Ábrahám Ambrus Award, József Attila University, Szeged
2000 Bolyai Prize, Bolyai Prize Foundation, Hungary.
2000 Member of Academia Europaea
2001 Member of Academia Scientiarum et Artium Europaea
2001 Member of the German Academy of Sciences Leopoldina
2004 Regular Member of the Hungarian Academy of Sciences
2005 Széchenyi Prize, Hungarian Republic
2007 Semmelweis Award, Semmelweis Medical School, Budapest
2007 Scientists of the Year, Award of Science Writers Club of Hungary.
2007 Kavli Distinguished International Scientist Lecture, Soc. for Neurosci. USA.
2008 Prima Primiissima Awards: Prima Award in Science Category.
2009 Pro Doctorandis Díj (Federation of Doctoral Students of Hungary)

Editorial Board Membership of International Journals

from 1991 "Neuroscience"
from 1992 "Experimental Brain Research"
from 1992 "Journal für Hirnforschung"
from 1992 "Neurobiology"
from 1994 "Hippocampus" (Section Editor)
from 1998 "European Journal of Neuroscience" (Section Editor till 2008)
from 2002 "Experimental Neurology"
from 2006 "Journal of Chemical Neuroanatomy"
from 2006 "Brain Structure and Function"

Publications and Citations

Number of peer reviewed articles:	237
Number of book chapters:	12
Number of citations:	15,796
Sum of Impact Factors:	1053.7
h-index:	68

International Research Grant Awards

- Human Frontier Science Program Organization (jointly with Drs. G. Buzsáki, Newark, USA, Richard Miles, Paris, France, Helmut Haas, Düsseldorf, Germany, and Nobuaki Tamamaki, Fukui, Japan), from 1991-1994, and second round (also including R. Traub, New York), from 1995-1998.
- Howard Hughes Medical Institute, USA (jointly with Dr. G. Buzsáki, Newark, USA), 1995-2000.
- Howard Hughes Medical Institute, USA, 2001-2005.
- Howard Hughes Medical Institute, USA, 2006-2010.
- Volkswagen Stiftung, Germany (jointly with Prof. Dr. med. Michael Frotscher, Freiburg, Germany), 1996-1997.
- Swiss National Science Foundation (jointly with Prof. Beat Gähwiler, Zürich), 1994-1997.
- FIDIA Research Foundation, Abano Terme, Italy, from 1989-1990.
- Finnish Academy of Sciences Research Grant (jointly with Prof. Paavo Riekkinen, Kuopio, Finland), from 1993 till 1997.
- McDonnell-Pew Foundation, USA (jointly with Dr. G. Buzsáki, Newark, USA), 1998-2000.
- NIH, USA (jointly with Dr. G. Buzsáki, Newark, USA), 1998-2001, 2002-2007, 2008-2012.
- NIH, USA (jointly with Dr. I. Mody, USA), 1999-2001, 2001-2007, 2008-2012.
- Philip Morris External Research Program Grant, 2003-2006.
- EU framework Program 6, GENADDICT, Integrated Project, 2005-2009.
- EU framework Program 6, EPICURE, Integrated Project, 2007-2011.

Membership and function in scientific organizations

- President of the Federation of European Neuroscience Societies (FENS) from 2004-2006.
- Executive Committee member of International Brain Research Organization (IBRO), 1998-2004.
- Chairman of the IBRO Central and Eastern European Regional Committee (1999-2004).
- Chairman of the Neuroscience Committee of the Hungarian Academy of Sciences (from 1997).
- Executive Committee member of the Hungarian Neuroscience Society (from 1993).
- Chairman of the Quality of Life Committee of the National Research and Development Program (Ministry of Education, Hungary), 2000-2003.
- Member of the Hungarian Academy of Sciences (from 1998).
- Member of the Society for Neuroscience of the USA.
- President, Hungarian Neuroscience Society (from 2009)

Postgraduate Teaching

PhD Supervisor for (name, year and place of successful defence):

- Iván Soltész (1990, Eötvös L. University, Budapest)
- Attila Gulyás (1991, Eötvös L. University, Budapest)
- Katalin Tóth (1992, Eötvös L. University, Budapest)
- Riitta Miettinen (1993, Kuopio University, Finland)
- Zsófia Maglóczky (1994, Eötvös L. University, Budapest)
- László Acsády (1995, Eötvös L. University, Budapest)
- Attila Sík (1996, Semmelweis Univ. Medical School, Budapest)
- Norbert Hájos (1998, Semmelweis Univ. Medical School, Budapest)
- Edit Cs. Papp (2000, Semmelweis Univ. Medical School, Budapest)
- Zsolt Borhegyi (2000, Semmelweis Univ. Medical School, Budapest)
- István Katona (2000, Semmelweis Univ. Medical School, Budapest)
- Gábor Nyíri (2003, Semmelweis Univ. Medical School, Budapest)
- Lucia Wittner (2004, Semmelweis Univ. Medical School, Budapest)
- Péter Barthó (2005, Semmelweis Univ. Medical School, Budapest)
- Ferenc Mátyás (will defend in 2007, Semmelweis Univ. Medical School, Budapest)

Supervisor of Diplomawork for (name, year and place of Diploma in Biology):

- Iván Soltész (1987, Eötvös L. University, Budapest)
- Zsófia Maglóczky (1986, Eötvös L. University, Budapest)
- Katalin Tóth (1991, Eötvös L. University, Budapest)

- László Acsády (1991, Eötvös L. University, Budapest)
- Norbert Hájos (1994, Eötvös L. University, Budapest)
- Zsolt Borhegyi (1995, Eötvös L. University, Budapest)
- István Katona (1997, Eötvös L. University, Budapest)
- Dimitrula Arabadzisz (1998, Eötvös L. University, Budapest)
- Péter Barthó (2000, Semmelweis Univ. Medical School, Budapest)