

Biographical Sketch

Dr. Pierre Magistretti

Pierre J. Magistretti is 48 year-old; he has received his MD from the University of Geneva and his PhD from the University of California at San Diego, while working at the Salk Institute. He has been awarded the START career development award from Swiss National Science Foundation (1987-1988). He is the recipient of the 1997 Theodore-Ott Prize of the Swiss Academy for Medical Sciences. In 2001 Pierre J. Magistretti has been elected member of Academia Europeae (Physiology and Medicine). Pierre J. Magistretti is Professor of Physiology (since 1988) at the University of Lausanne Medical School. He has been Vice-Dean of the University of Lausanne Medical School from 1996 to 2000.

Pierre J. Magistretti is an internationally-recognized neuroscientist who has made significant contributions in the field of brain energy metabolism. His group has discovered some of the cellular and molecular mechanisms that underlie the coupling between neuronal activity and energy consumption by the brain. This work has considerable ramifications for the understanding of the origin of the signals detected with the current functional brain imaging techniques used in neurologic and psychiatric research (see for example Magistretti et al, *Science*, 283 : 496 – 497, 1999). The group directed by Pierre J. Magistretti consists of 25 scientists, over two thirds of which are supported by grants awarded on a peer-review basis (eg Swiss National Science Foundation, European Community, Human Frontier Science Organization)). He is the author of over 100 articles published in peer-reviewed journals. Over the last five years he has given over 80 invited lectures at international meetings or at universities in Europe and North America, including the 2000 Talairach Lecture at the “Functional Mapping of the Human Brain Conference”. In November 2000 he has been a “Mc Donnell Visiting Scholar” at Washington University School of Medicine.

Pierre J. Magistretti is or has been member of several international scientific advisory boards, which include: the Medical Research Council of Canada Neuroscience Committee (1992-1995), the Human Frontier Science Program (Chairman of the Council of Scientists, 2001-2002; Member of the Review Committee, 1994 - 1996), the Advisory Boards of : Centre for Magnetic Resonance Research, University of Minnesota (1999 -), Institut Fédératifs de Recherche of Collège de France (1996-) , University of Caen (1998 -), University of Bordeaux (1995 -), the Advisory Board of the Department of Clinical Research, University Hospital of Basel (1998-1999). He is member of the editorial boards of six journals, including “Molecular Psychiatry”, and is the Associate Editor of *Brain Research Reviews*.

Pierre J. Magistretti is the President-Elect (2002 – 2004) of the Federation of European Neuroscience Societies (FENS) which has a membership of over 15000 European neuroscientists. He has been first president of the Swiss Society for Neuroscience (1997-1999) and the first Chairman of the Department of Neurosciences of the University of Lausanne (1996 – 1998). He is on the Board of Directors of the International Society of Blood Flow and Metabolism (1999 -). He has been member of the Council of the Swiss Society for Biological Psychiatry (1992 – 1995) and of the French Society of Neuroscience (1993 - 2000).