

CURRICULUM VITAE OF BARUCH MINKE

Personal Details

Name: Baruch Minke
Personal Status: Married - Rachel Greenstein + 2 - Vered and Roni
Address: Arza, Upper Motza, Israel

Education and Degrees

1964-1967 **B.Sc.** Physiology and **Biochemistry**, Hebrew University of Jerusalem
1967-1969 **M.Sc.** Physiology, Hebrew University of Jerusalem
1969-1973 **Ph.D.** Biophysics, Hebrew University of Jerusalem.
Advisor: Prof. P. Hillman.
1973-1975 **Post Doctoral Training in Genetics** & Electrophysiology of the Visual system, Purdue University, Laboratory of Prof. W.L. Pak at the Department of Biological Sciences, W. Lafayette, IN, USA

Positions

1967-1969 **Research Fellow**, Vision Research Laboratory Hadassah-Hebrew University Hospital with Prof. E. Auerbach
1969-1972 **Teaching Assistant** in the Institute of Life Sciences at the Hebrew University
1972-1973 **Instructor** in the Institute of Life Sciences at the Hebrew University
1973-1975 **Research Associate** at Purdue University. Department of Biological Sciences, W. Lafayette IN, USA
Summer 1974 **Investigator**, Marine Biological Laboratory, Woods Hole, Mass. USA
1975-1978 **Lecturer**, the Hebrew University, Faculty of Medicine, Department of Physiology
Summers of 1976-1979 **Visiting Scientist**, Max-Planck-Institut für Biologische Kybernetik, Tübingen, Germany
1978-1982 **Senior Lecturer**, Hebrew University Faculty of Medicine, Department of Physiology
1980-1981 **Visiting Associate Professor**, Department of Biological Sciences Purdue University, W. Lafayette, IN, USA
1982-1987 **Associate Professor in Physiology** at the Hebrew University Faculty of Medicine
Summer 1983 **Visiting Scientist**, Experimental Ophthalmology Laboratory, Hospital Cantonal Geneva, Switzerland
Summer 1986 **Visiting Scientist** (EMBO Fellowship) in the Institute for Biology RWTH, Aachen, Germany
1987-Present **Full Professor** of Physiology, Hebrew University Faculty of Medicine, Department of Physiology
Summer 1988 **Visiting Scientist**, Australian National University, Canberra, Australia
1988-1989 **Visiting Professor**, Department of Neurosciences, The Johns Hopkins University School of Medicine, Baltimore, MD, USA

- 1989-1992** **Chairman**, Department of Physiology,
The Hebrew University, Faculty of Medicine
- 1996-2012** **Director**, the Kühne Minerva Center for Studies of Visual
Transduction
- Summer 2004** **Visiting Professor**, Department of Biology, the University of California
at San Diego (UCSD)

Awards and Honors

- 1973** Senior Fulbright - Hays Program, US-Israel Educational Foundation
- 1976** Excellent research on Phototransduction, Bat-Sheva de Rothschild
Foundation, Jerusalem
- 1985** Wolf Research Grant for Excellent Research (together with Zvi Selinger) Wolf
Foundation for Research, Israel
- 2010** Prince of Asturias Award for Technical and Scientific Research from Spain
(together with Dr. David Julius and Dr. Linda Watkins)
- 2010** EMET Prize in Life Sciences on Brain Research from the A.M.N. Foundation
- 2017** Honorary member of the Israel Society for Neuroscience (ISFN)

Competitive Research Grants

- 1976** Research grant for young investigators from
Bat-Sheva de Rothschild Foundation
- 1976-2019** **6** Research grants from the U.S.-Israel
Binational Science Foundation (**BSF**)
- 1976-1977** Research grant from the Swiss Fund for Research in Ophthalmology
- 1977-1980** Research grant from the Volkswagenwerk Foundation (including
special funds for heavy equipment)
- 1980-2013** **10** Research grants from the National Institute of Health (**NIH**) **PI-R01**
National Eye Institute USA. Title: "**Genetic Dissection of
Phototransduction**"
- 1985-1986** Recipient of the "Wolf Foundation" Research Grant for an
outstanding research in Neurobiology.
- 1986-1987** Recipient of research grant for outstanding
researcher from the Authority for Research and
Development of the Hebrew University.
- 1987-1988** Research grant from the Deutsche Forschungsgemeinschaft (**DFG**)
- 1990-2005** **3** Research Grants from the German-Israeli Foundation (**GIF**)
- 1998-2019** **6** Research Grants from the Israel Science
Foundation (**ISF**)
- 2002-2004** Research Grant from the Korea-Israel Binational
Scientific Collaboration
- 2013-2018** Research Grant from the Deutsch-Israelische Projektkooperation (DIP)
"Programmable molecular Nano-robots for treatment of chronic pain
and epilepsy"
- 2016-2018** **TEVA** National Network of Excellence in Neuroscience - (NNE)

Editorial Boards

- 1978-1981** Member of the Editorial Board of the
International Journal "Photobiochemistry and
Photobiophysics" (Elsevier/North Holland)
- 1987-1990** Member of the Board of Editors of the
International Journal "Visual Neuroscience"

- 1994-1997** Member of the Board of Editors of the International Journal "Primary Sensory Neuron"
- 2008-2014** Member of the Editorial Board of the International Journal "The European Journal of Physiology/Pflügers Archiv", (Springer-Verlag GmbH)
- 2006-present** Member of the Editorial Board of the International Journal "Cell Calcium" (Elsevier/North Holland)
- 2010-present** Editor of the International Journal "Frontiers in Pharmacology of Ion Channel and Channelopathies"
- 2014-2017** Member of the Editorial Board of the International Journal "Scientific Report" (Nature group)

Organization of International Conferences

- 1984** Dahlem Conference on Visual Transduction, Berlin (organizing committee and speaker)
- 2001** International Symposium on Invertebrate phototransduction, Karlsruhe, Germany (Organizer, Chairman and Speaker).
- 2002** V International Congress of Eye Research, Geneva, Switzerland, (Organizing committee, Chairman and Speaker)
- 2006** International Minerva Gentner Symposium on TRP channels and Ca²⁺ signaling, Eilat, Israel (Organizer, Chairman and Speaker)

Other University Activities

Chairman, Physiology Teaching Unit

Member of the Teaching Committees of the Physiology & Neurobiology Teaching Units, as well as, the teaching committee of the Institute of Life Sciences

Member of the Teaching Committee of the Hebrew University, Hadassah Medical School

Chairman of the Hebrew University Committee for Tenure Positions

Chairman of the Hebrew University Committee for Tenure & Promotions of Senior Faculty

Member of the Standing Committee of the Hebrew University

Member of the Executive Committee of the Hebrew University

Member of the Executive Committee of the Edmond and Lily Safra Center for Brain Sciences (ELSC) of the Hebrew University

Invited speaker at international Meetings

Invited regularly almost every year (sometimes twice a year) since 1976 till present

Students Training

Towards M.Sc. Degree

35 students

Towards Ph.D. Degree

30 students

Post Doctoral Training

9 students