

Birth date: Feb 2nd 1945, Kibbutz Ramat-Hashofet, Israel
E-mail address: Weizmann Institute: Amiram.Grinvald@weizmann.ac.il
Weizmann Phone: 972-8-9343833 (lab); Fax: 972-8-9344129 Cell Phone 972-58-380-344

1962-1965: IDF Military Service

I. Positions and training

- 1991-present: Director, The Grodetsky Center for Research of Higher Brain Functions.
Weizmann Institute of Science
- 2000-present: Foreign Director at the Max Planck Institute for Medicine at Heidelberg
- 1998-present: Guest staff member at the Frontier Research Program, Riken, Japan
- 1996-2003: Director, The Dominic Institute for Brain Research, The Weizmann Institute of Science
- 2000-2001: Director of the Arison human brain imaging laboratory
- 1994-1996: Chairman, Department of Neurobiology, The Weizmann Institute of Science.
- 1985-1991: Visiting Professor at The Rockefeller University, the Laboratory of Neurobiology (Head, Prof. T.N. Wiesel).
- 1986-1991: IBM Research Staff Member; Thomas J. Watson Research Center.
- 1987: Professor at the Department of Neurobiology, The Weizmann Institute.
- 1982: Tenured Associate Professor at the Department of Neurobiology, The Weizmann Institute of Science.
- 1978: Senior Scientist at the Department of Neurobiology, Weizmann Institute.
- 1975-1978: Research Associate at the Department of Physiology, Yale University, School of Medicine in the laboratory of Prof. L.B. Cohen.
- 1974-1975: Research Associate at the Hebrew University Hadassah School of Medicine. Research of synaptic physiology; laboratory of Prof. Rahamimoff.
- 1970-1974: Ph.D. studies in spectroscopy and biophysics at the Weizmann Institute.
Thesis title: Fluorescence Decay Kinetics: Measurement, Analysis and Application in Chemical and Biological Research. Instructors: Professors I.Z. Steinberg and E. Katzir-Katchalski.
- 1969-1970: M.Sc. studies in organic chemistry and physical organic chemistry (mostly NMR) at the Hebrew University of Jerusalem. Instructor: Prof. M. Rabinovitz.
- 1965-1968: B.Sc. studies in chemistry and physics at the Hebrew University of Jerusalem.

II. Research interests

Information processing in the mammalian cortex; cortical structure & function; coding by neuronal cell assemblies.

Developing of optical methods for imaging of neuronal activity and of microvascular responses in the living brain.

Clinical applications of optical imaging to Neurosurgery and early diagnosis and treatment of ophthalmic diseases.

III. Fellowships

- 1974 Aharon Katzir Katchalsky Exchange Fellow.
- 1975: Long Term EMBO Fellow. (European Molecular Biology Organization).
- 1975-1978: Fulbright-Hays Fellow (from USA Dept. of State).
- 1977-1978: Muscular Dystrophy Association Fellow.
- 1980: Steps Toward Independence Fellow, MBL, Woods Hole.(USA)
- 1980-1982: Incumbent of Helena Rubinstein Career Development Chair.

IV. Honors

- 1968: Prize for B.Sc., with distinction (awarded by Hebrew Univ.).
- 1970: Prize for M.Sc., with special distinction (awarded by Hebrew Univ.).
- 1973: Prize for Ph.D. with Distinction (The Feinberg Graduate School, Weizmann Institute).
- 1981: S. Zachs biannual prize for research during 1978-80 (The Weizmann Institute Scientific Council).
- 1982: E. and M. Elkes prize for outstanding young scientist (The Israel Center for Psychobiology)
- 1994: The Wolfson Foundation Center of Excellence
- 1994: The Israel Science Foundation Center of Excellence (Ullman, Ahissar, Aertsen & Grinvald)
- 1995: The Teva Prize for Central Nervous System Research.
- 1996: The Norman and Helen Asher Professorial Chair in Brain Research.
- 1998: Guest staff member at the Frontier Research Program at Riken, Japan.
- 1998: Elected member of The Israel Academy of Sciences and Humanities.
- 1999: The Wirisma Professorship (Caltech)
- 1999: Elected Fellow of the American Association for the Advancement of Science
- 2000: The Koerber's 2000 Europe Prize
- 2000: Elected as a foreign member of the Max Planck Society
- 2002: Guest staff member at the Frontier Research Program at Riken, Japan.
- 2003: Harvard "Alice and Joseph Brooks International Lecture on the Neurosciences".

V. Society memberships

Organization for Human Brain Mapping (elected board member 1997-1998)
American Society for Neuroscience.
European Society for Neuroscience.
The International Society for Optical Engineering
Society of General Physiologists.
American Association for the Advancement of Science.
Israel Physiological and Pharmacological Society.
Israeli Society for Neuroscience.
International Society for Imaging in the Eye

VI. Editorial Board

Vision Research
BioImaging
NeuroImaging
J. of Cerebral Blood Flow and Metabolism
Current Opinion in Neurobiology

VII. Past and present research grants support obtained in Israel

National Institute of Health	(NINCDS; USA).
Muscular Dystrophy Association	(USA)
P.V.A. Technological Research Foundation	(USA)
U.S.-Israel Binational Science Foundation	(USA-Israel)
Israel Academy for Science and Humanities	(Israel)
The Israel Center for Psychobiology	(Israel)
European Molecular Biology Organization	(Europe)
The Jewish Agency	(Israel).
Bat Sheva de Rothschild Foundation	(Israel).
March of Dimes.	(USA)
DuPont Corporation.	(USA)
The Klingenstein Foundation.	(USA)
The US Air-Force.	(USA)
IBM Corporation.	(USA)
The Riklis Foundation	(Rockefeller-Weizmann grants, USA, Israel)
Schilling Foundation for Biomedical Research	(Germany)
The Wolfson Foundation	(England)
The Israel Science Foundation	(Israel)
The Minerva Foundation	(Germany)
The German Israeli Foundation (GIF)	(Germany/Israel)
The German Israeli Research Program (BMBF)	(Germany Israel)
The Korber's Europe Research Prize	(Germany)
The Israel Science Foundation	(Israel)