

CURRICULUM VITAE- Chaya Kalcheim. Ph.D

Address at laboratory: Department of Medical Neurobiology. The Hebrew University of Jerusalem- Hadassah Medical School. P.O.B. 12272, Jerusalem 9112102, Israel

Education:

1973-1977: B.Sc. degree, Faculty of Life Sciences, Hebrew University of Jerusalem. Subjects: Physiology.

1977-1979: M.Sc. degree in Neuroendocrinology under the supervision of Prof. Y. Koch, Dept. of Hormone Research, The Weizmann Institute of Science, Rehovot. Subject of thesis: The role of Luteinizing Hormone Releasing Hormone (LHRH) in the differentiation of sexual behavior in the neonatal male rat.

1980-1984: Ph.D. degree under the supervision of Prof. Z. Vogel, Dept. of Neurobiology, The Weizmann Institute of Science, Rehovot. Subject of thesis: Neuromuscular synapse formation: (a) Neurotrophic factors and aggregation of acetylcholine receptors. (b) Role of extracellular matrix in acetylcholine receptor aggregation.

1982: Summer course on Developmental Neurobiology at the Cold Spring Harbor Laboratory, L.I. U.S.A.

Sept. 1984- Dec. 1986: Post-doctoral training in the laboratory of Prof. N. Le Douarin, Institut d'Embryologie du C.N.R.S. et Collège de France, Nogent Sur Marne, France. Subjects: Mechanisms of migration and differentiation of neural crest cells into ganglia of the peripheral nervous system

Jan. 1987- 1991: Lecturer in the Department of Anatomy and Embryology, Hebrew University- Hadassah Medical School. Jerusalem.

1992-1996: Senior Lecturer- Department of Anatomy and Embryology, Hebrew University- Hadassah Medical School. Jerusalem.

1996-2000: Associate Professor. Department of Anatomy and Cell Biology, Hebrew University of Jerusalem- Hadassah Medical School.

2001- Present: Professor. Department of Medical Neurobiology, IMRIC and ELSC- Hebrew University of Jerusalem- Hadassah Medical School.

2010- Present: Member of ELSC, the Edmond and Lili Safra Center for Neurosciences of the Hebrew University.

Awards and Fellowships:

1981: FEBS fellow.

1983: The Mifal Hapays Prize for excellent Ph.D thesis.

1984-86: Long-term post-doctoral fellowship from the European Molecular Biology Organization.

1989: The Dr. Orna Senter Prize for excellency in original research work.

1993: The Joseph and Belle Braun Cathedra in Life Sciences and Medicine.

1995: The Bernard Katz Prize and Lectureship in Neurobiology. University of Heidelberg. Germany.

1997: Prize for excellency in Teaching. Medical Faculty.

2005: The Alice and Siegfried Menkes Chair in Cancer Research and Experimental Medicine.

Oct 2010-2013: FRIAS Fellow. Freiburg Institute for Advanced Studies and LifeNet.

2014-15 Excellent lecturer - Hebrew University, Faculty of Medicine.

2015-16 Excellent lecturer - Hebrew University, Faculty of Medicine.
2016-17 Excellent lecturer - Hebrew University, Faculty of Medicine.
2017- The Prusiner-Abramsky award in Clinical and Basic Neuroscience 2017, by the Orion Foundation, Australia.
2018- IsSDB 2018 career award. Israeli Society for Developmental Biology

**Memberships
Services to the
Professional
Community:**

1993-1996- President elect of the Israeli Society for Developmental Biology.
1996-June 2017. Editorial Advisory Board of Developmental Neurobiology .
1996-1999. Editorial Advisory Board of Cell and Tissue Research.
Jan. 2000-Dec.2002. Section Editor, Cell and Tissue Research.
Jan. 2005-Dec. 2007. BMC Developmental Biology Editorial Board
1995-present. Grant Committees- The Israel Academy of Sciences.
October 2000-Present. Member of Faculty of 1000 (now Faculty Opinions).
October 2004- February 2016- Member of the Israel National Council for High Education (Malag).
August 2011-October 2019. Review editor- Frontiers in Craniofacial Biology.
June 2012- present. Editorial Board. Faculty of 1000 Research.
September 2014-March 15- Chair of the Quality Assessment Committee of the Council for Higher Education.
January 2015- Member of the Pre-clinical appointments committee- Faculty of Medicine-HUJI.
February 2015- Alon Committee in the Life Sciences. Member.
2016-17- Member of the Scientific Committee. Chairperson of the subcommittee on Cellular and Developmental Neuroscience. FISEB 2017.
2016- Grant Committee on Rare Diseases- The Israel Ministry of Science and Technology.
February 2016 till March 2018- Alon Committee in the Life Sciences. Chair.
April 2017- Organizer of the first ELSC Meeting on Cellular and Molecular Neurosciences.
2017-2019- Member of the ERC evaluation panel of advanced grants. Brussels.
2019-2020- Member of the ERC evaluation panel of advanced grants. Brussels.
2019-present- Review Editor. Frontiers in Physiology
2021-present- Editorial Board of International Journal of Medical Sciences , (IJMS), Molecular Biology Section.
2021- present- Editorial Board of Current Research in Neurobiology (CRNEUR).

Reviewer for Science, Neuron, Development, Dev. Cell, Mechanisms of Development, J. Neurosci., Dev. Biology, Dev Dynamics, CTR, PNAS, PLOS Biol, etc.

Reviewer for the National Science Foundation (NSF-USA), Israel Academy of Sciences, the German-Israeli Foundation (GIF), The USA-Israel Binational Foundation (BSF), European Union (EU), Wellcome Trust UK, ERC.

International Society of Developmental Neuroscience (ISDN).
 American Society for Neuroscience.
 European Developmental Biology Organization (EDBO).
 International Society of Developmental Biologists (ISDB).

**Teaching
Experience:**

Hebrew University, Hadassah Medical School.
 1. Human Gross Anatomy for Medical, dental and graduate students (1987 to 2000)
 2. Human Embryology for Medical, dental and graduate students (1987 to present). a. Director of Course (1988 to present).
 3. Human Embryology and Teratology for Nursing students. Director of Course (1988-1997)
 4. Selected topics in Developmental Neurobiology for MSc. and Ph.D students.
 5. Developmental Biology. Basic Course for students in the Medical Sciences
 6. Physiology of the Nervous System-ELSC graduate program.

**University
Committees:**

1992-1996- Member of the Alon Committee of the Medical School
1992-1996- Tutor of second year medical students
1992-1996-Member of the Faculty Teachers-Students Committee
1994-5- Member of the planning committee of the Micromanipulation Unit of the Faculty of Medicine.
1996-Oct. 2000. Member of the Planning Committee of the Medical Faculty.
2002-2004. Member of the Scientific Appointments Committee in the Life Sciences. Hebrew University.
2002- Head of the Tenure Track Appointments Committee-Hadassah Medical School.
2004-2006- Member of the University Supreme Appointments Committee.
July 2006-June 2012- Member of the Constitution Committee of the Hebrew University's International Board of Governors.
2008-Member of the Faculty Selection Committee. Faculty of Medicine.
2009- 2013. Member of the Planning, Development and Evaluation Committee of the Medical Faculty.
2009-present- Coordinator of the partnership between the Hebrew University and Freiburg University.
October 2018- October 2019. Member of the University appointments committee in Life Sciences for promotion to full Professors.
May 2018- Mentor of new Faculty recruits.
October 2019-present. Member of the University appointments committee in Life Sciences for tenure promotion.
October 2020-Present- Board of Directors of the Institute for Medical Research (IMRIC).
November 2020- Search Committee for Dean of the Medical Faculty.
February 2021-Present- Faculty Committee for the evaluation of pre-tenured researchers.
2021-2022- Head of 3 *ad-hoc* committees for researcher promotions.
February-March 2022- Member of the *ad-hoc* committee for the selection of new recruits in Computational Medicine- A new joint tenure track of the Faculties of Medicine and Computer Sciences.