

Michal Geva, PhD

Curriculum Vitae

Institute for Neurodegenerative Diseases
University of California, San Francisco
513 Parnassus Avenue
HSE-774 Box 0518
San Francisco, CA 94143

Email: mgeva@ind.ucsf.edu

Tel: 415-502-1952

Education

- 2004-2008 PhD from the Department of Cell Research and Immunology, Faculty of Life Sciences, Tel Aviv University, Israel. Instructor: Prof. Orna Elroy-Stein. Thesis title: "A point mutation in eIF2B5 leads to delayed brain development and neurodegeneration"
- 2000-2002 MSc from the Department of Biochemistry, Faculty of Life Sciences, Tel-Aviv University, Israel. Instructor: Prof. Lily Vardimon. Thesis title: "The Role of NRSF in the control of gene induction by glucocorticoids".
- 1997-2000 BSc in Biology. Ben-Gurion University of the Negev, Israel.

Professional Experience

- 2009-present **Post-doctoral Scholar** at the Institute for Neurodegenerative Diseases, University of California, San Francisco. **Research Adviser: Stanley.B. Prusiner.**
- 2002-2004 Research Associate at XTL-Bio (NASDAQ:XTLB). Development of human monoclonal antibodies for HCV using the "TrimerA" mouse technique.

Professional Skills

- **Molecular Biology:** Extensive experience with DNA, RNA and Proteins including Polysome profiling on sucrose gradients.
- **Cell culture:** Generation and maintenance of primary glial cell cultures from the brain of mice and rats (pure cultures of astrocytes, oligodendrocytes and micro glia). Experience with mouse embryonic stem (ES) cells. Extensive experience with diverse tissue cultured cell lines and DNA transfection techniques.
- **Animal Models:** Generation of a knock-in and a knock-out mouse models (design and construction of target vector, transfection into ES cells, clone screening). Genotyping of mice offsprings; Experience with mice handling.
- **Microscopy:** Fluorescence microscopy.

Teaching experience

- 2006 Teaching Assistant for the course "Molecular Biology Lab"
- 2005 Teaching Assistant for the course "Introduction to Cell Biology" undergraduate students (oral presentations).
- 2002-2004 Teaching Assistant for the course "General Chemistry Lab"

Awards and Scholarships

- 2004 Tel-Aviv University excellence in research and teaching
- 2006 Tel-Aviv University excellence in research and teaching

Poster presentation

- 2006 "Cellular and Animal Models for eIF2B-related Leukodystrophy" poster presented at the ELA foundation conference: "The Vital Function of Myelin Development and Maintenance". October 2006, Paris.

Publications

1. **Geva, M.**, Cabilly, Y., Assaf, Y., Pinchasi, D. and O. Elroy-Stein. A point mutation in translation initiation factor 2B leads to delayed brain development and to neurodegeneration. (In

preparation).

2. **Geva, M.**, Cabilly, Y., Pinchasi, D., Chetrit, D., Ehrlich, M., and O. Elroy-Stein. A point mutation in translation initiation factor 2B leads to impaired activation of brain astrocytes. (In preparation).

Languages

Hebrew – mother tongue

English – fluent