Curriculum Vitae

DMITRIY A. LABUNSKIY, MD, Ph.D.

Home: 2154 Longhorn Cir, Santa Rosa, CA, U.S.A. 95401. tel: +1(707) 576-1055, Fax: (707) 573-0237; e-mail: dlabunskiy@hotmail.com
Address in Russia: Polezhaeva Str. 62, Apt#58, Saransk, Russia 430011
Phone in Russia: +79063789913

Objective: Position of Neurology Resident at the University of Northern California, Santa Rosa, CA, U.S.A.

Status in the USA: U.S. citizen (from 2016), employment authorized

Education:

2013-2016 Ph.D. - Laboratory of Experimental Pathology of the Nervous System, Institute of Neurology, Moscow, Russia. Thesis: *Brain Specific Proteins and Antibodies in Hereditary Spinocerebellar Ataxias*

2006-2012 M.D - Mordovian State University, Saransk, Russia.

Professional Experience:

2018-present Resident in Neurology at the University of Northern California, Santa Rosa, CA, U.S.A. Neurology Residency Program affiliated with Santa Rosa Memorial Hospital, the part of St. Joseph Health System of Northern California.

Teaching

2019 Summer course of Neurology for 4th year Medical Students at the Mordovia State University, Sarans Russia

Techniques:

Patch Clamp

Technique: Studying of the ionic currents at the level of the whole cell membrane

Clinical Physiology

EEG recording and analysis of epilepsy patients

Immunology:

FACS analysis for T and B cells detection, subpopulations of T-lymphocytes - CD4 and CD8 (T-helpers and T-suppressors) counting. Serum concentration of immunoglobulins: IgG, IgA, and IgM testing. ELISA (enzyme link immunosorbent assay) for GM1, GD1a, GD1b, GFAP, S-100 antibodies. Cytotoxicity assay (51-Cr-release). Immunocytochemistry. Immunohistochemistry.

Biochemistry:

Radioactive labeling of cell surface proteins, immunoprecipitation, protein purification (gel filtration, affinity chromatography, HPLC), 2D-gel electrophoresis.

Molecular

Biology: Southern, Northern, and Western blotting, PCR, RT-PCR, library screening,

Animal

Manipulation:

Various types of mice models of neurodegenerative diseases: CC57BR-fidget - hereditary ceredellar degeneration ; induction of Parkinson's syndrome by stereotaxic intracerebral inoculation of the anti-dophamine antibodies. Patch clump technique on Xenopus oocytes.

Bioinformatics: Gene expression data analysis, software development, artificial neural network, Data collection from biological databases and data meaning sequences alignment, motif finding, gene prediction.

Awards:

Grant for attending MBL Summer Course for Cellular and Molecular Physiology, Woods Hole, MA.

References Available and will be furnished upon request.