

12/15/08

IRINA N. BELOOZEROVA

(pronounced: *Erena Below-oh-zero-va*)

EXPERTISE:

Organization and function of motor systems. Neuronal mechanisms of locomotion and posture. Control, adaptation and plasticity of motor behaviors in natural environments.

DEGREES:

- 1989** - Ph.D. in neuroscience - Lomonosov University in Moscow, Russia.
PhD thesis: "Role of motor cortex in control of locomotion".
- 1981** - M.S. in physiology - Lomonosov University in Moscow, Russia.
- 1979** - B.S. in biology - Lomonosov University in Moscow, Russia.

ACADEMIC POSITIONS:

- 2008-** - Associate Staff Scientist (Associate Professor equivalent),
Barrow Neurological Institute, Phoenix, AZ, USA
- 2000-2008** - Assistant Staff Scientist (Assistant Professor equivalent),
Barrow Neurological Institute, Phoenix, AZ, USA
- 1996-2000** - NIH Postdoctoral Fellow, Univ. of Connecticut, USA (with Dr. Swadlow)
- 1993-1995** - Postdoctoral Fellow, University of Montreal, Canada (with Dr. Rossignol)
- 1991-1992** - Postdoctoral Fellow, University of Bristol, UK (with Dr. Armstrong)
- 1989-1993** - Senior Scientist, Institute of Biomedical Problems, Moscow, Russia
- 1985-1989** - Research Scientist, Institute of Biomedical Problems, Moscow, Russia
- 1981-1985** - Junior Scientist, Institute of Biomedical Problems, Moscow, Russia
(with Dr. Kozlovskaya)
- 1980-1983** - Research Assistant, Institute of Problems of Information Transmission,
Moscow, Russia (with Dr. Arshavsky and Dr. Orlovsky)

HONORS AND AWARDS:

- 2007** - Five-year NIH R01 grant "Forebrain control of locomotion"
- 2000** - Four-year NIH R01 grant "Motor cortex and thalamo-cortical network in locomotion"
- 1996** - Three-year NIH National Research Service Award, "Subpopulations of motor cortical neurons in locomotion"
- 1993** - Two-year grant from Fonds de la Recherche en Sante du Quebec, Canada, "Antidromic activity of dorsal root filaments"
- 1991** - One-year fellowship, The Royal Physiological Society, UK
- 1985** - The Third Prize at the Exhibition of National Economic Achievements, USSR

PROFESSIONAL SOCIETIES:

Regular member of Society for Neuroscience

STUDY SECTIONS and EDITORIAL POSITIONS:

Reviewer for: National Science Foundation (ad hoc),
J. Neurosci., J. Neurophysiol., Eur. J. Neurosci., Exp. Brain Res., Neurosci.

PUBLICATIONS:

38 research papers in referred journals and **8** book chapters