



Neural and Behavioral Science

SEMINAR SERIES
2004-2005

School of
Graduate Studies
SUNY Downstate
Medical Center
450 Clarkson Avenue
Brooklyn, NY 11203-2098

Seminars will begin
at 12:00 p.m. in
Lecture Hall 1A or 1B
Health Science
Education Building

For more information
regarding the seminars call:
718.270.2740

SUNY DOWNSTATE Medical Center

- September 8** **Reconstructing the Neocortical Microcircuit**
HENRY MARKRAM, MD, PhD
Head, Laboratory of Neuroscience of Microcircuits, and Director, Brain Mind Institute, École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland
- October 13** **Dead-space Microdomains Hinder Diffusion in the Extracellular Space of Brain**
SABINA HRABĚTOVÁ, MD, PhD
Research Assistant Professor, Department of Physiology & Neuroscience, New York University School of Medicine, New York, NY
- November 10** **Glucose Sensing by Neurons: Role in Obesity, Diabetes, and Aging**
CHARLES V. MOBBS, PhD
Associate Professor, Department of Neuroscience, and Department of Geriatrics and Adult Development, Division of Experimental Diabetes and Aging, Mount Sinai School of Medicine, New York, NY
- November 24** **Will It Fit in a Dish? In Vitro Studies of Epilepsy: Imaging and Electrophysiology**
ANDREW J. TREVELYAN, D Phil, MB BCH
Postdoctoral Research Fellow, Department of Biological Sciences, Columbia University, New York, NY
- December 7** **Hippocampal and Prefrontal Cortical Contribution to Spatial Navigation: Recent Findings from Unit Recordings in Behaving Rats**
BRUNO POU CET, PhD
Director, Laboratory of Neurobiology and Cognition, Centre National de la Recherche Scientifique, Marseille, France
- December 8** **Cells, Synapses, Circuits and Synchrony in Hippocampus**
RICHARD MILES, PhD
Faculté de Médecine, CHU Pitié-Salpêtrière, Paris, France
- December 22** **Hippocampal Neurogenesis and Depression**
RENÉ HEN, PhD
Professor of Pharmacology in Psychiatry and in the Center for Neurobiology and Behavior, Columbia University, New York, NY
- January 14** **The Labile Nature of Consolidated Memories**
KARIM NADER, PhD
Assistant Professor, Department of Psychology, McGill University, Montreal, Quebec, Canada
- January 26** **Prions - Diagnostics and Therapeutics**
RICHARD J. KASCSAK, PhD
Research Scientist, Institute for Basic Research in Developmental Disabilities, Staten Island, NY
- February 2** **Calcium Waves in Pyramidal Cells**
WILLIAM N. ROSS, PhD
Professor, Department of Physiology, New York Medical College, Valhalla, NY
- February 23** **Patterning the Ventral Forebrain and Pituitary: Zebrafish, Hedgehogs, and Glis**
ROLF O. KARLSTROM, PhD
Assistant Professor, Department of Biology, University of Massachusetts Amherst, Amherst, MA
- March 9** **Using the NEURON Simulator**
MICHAEL HINES, PhD
Research Scientist, Department of Computer Science, Yale University, New Haven, CT
- March 23** **Neurobiology of Obesity**
JOHN KRAL, MD, PhD
Professor, Departments of Surgery and Medicine, SUNY Downstate Medical Center, Brooklyn, NY
- April 13** **To Be Announced**
- April 27** **To Be Announced**
- May 11** **Title To Be Announced**
DENIS PARÉ, PhD
Associate Professor, Center for Molecular and Behavioral Neuroscience, Rutgers University, Newark, NJ
- May 25** **Tracing the Circuitry of Kindling**
MICHAEL CORCORAN, PhD
Professor, Department of Anatomy and Cell Biology, University of Saskatchewan, Saskatoon, Saskatchewan, Canada