Biophysical Society

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**International Travel Awards Announced for 2009**

Bethesda, MD— The Biophysical Society has announced the winners of its international travel grants to attend the Biophysical Society's 53rd Annual Meeting at the Boston Convention and Exhibition Center in Boston, Massachusetts, February 28-March 4, 2009. The purpose of these awards is to foster and initiate further interaction between American biophysicists and scientists working in countries experiencing financial difficulties. Recipients of this competitive award are chosen based on scientific merit and their proposed presentation at the meeting. They will be honored at a reception on Sunday, March 1, 2009.

The 2009 recipients of the International Travel Award are:

**Mehriar Amininasab, University of Tehran, Iran,** "Structural Evaluation of the Effects of Disulfide Bond Eliminations on Scorpion Toxin K-Hefutoxin1 from Heterometrus fulvipes"

**Silvia Antollini, Universidad Nacional del Sur, Argentina,** "Modulation of Nicotinic Acetylcholine Receptor Conformational States by Free Fatty Acids and Steroids"

**Domagoj Baretic, Ruder Boškovic Institute, University of Zagreb, Croatia,** "Peptide-bridged Bis-phenanthridinium Derivatives in Interaction with Double Stranded DNA"

**Alexey Berezhnov, Institute of Cell Biophysics RAS, Russian Federation,** "Calmidazolium Inhibits Na+/ca2+ Antiporter in Mitochondria"

**Jeremías Corradi, Centro Científico-Tecnológico-CONICET, Argentina,** "Single-Channel Kinetic Analysis for Activation and Desensitization of Homomeric 5-HT3A Receptors"

**Antonio Costa-Filho, University of São Paulo, Brazil,** "Interaction of Antimalarial Drugs with DMPC Model Membranes"

**Evgenia Fedotova, Institute of Cell Biophysics RAS, Russian Federation,** "Acute Toxic Effects of Fatty Acids"

**Karla Garcia-Pelagio, Universidad Nacional Autonoma de Mexico,** "Modeling the Membrane-Costamere-Myofibril Complex from Normal and Desmin or Dystrophin Mice as a Distributed Elastic System"

**Filipe Gomes, University of Coimbra, Portugal,** "Chain Length Effect on the Association of Fluorescent amphiphiles with lipid bilayer membranes"

**Jernej Jorgačevski, Institute of Pathophysiology Medical School, University of Ljublana, Slovenia,** "Fusion Pore Regulation of Peptidergic Vesicles"

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**Balakrishnan Kannan, Institute of Molecular and Cell Biology, Singapore,** "Real-Time Observation of Actin Polymerization Regulated by the Gelsolin-Family of Proteins"

**Sarah Kettlewell, University of Glasgow, United Kingdom,** "Correlation of Levels and Time Course of Intracellular and Mitochondrial Calcium Signals in Isolated Adult Cardiac Cells"

**Santosh Kumar, National Centre for Biological Sciences(TIFR), India,** "Continuous Dissolution of Structure During the Unfolding of a Small Protein"

**Irene Mangialavori, IQUIFIB--Universidad de buenos Aires-CONICET, Argentina,** "A New Conformation in SERCA and PMCA Ca2+ Pumps Revealed by a Photoactivatable Phospholipidic Probe"

**Patricia Martins, University of Coimbra, Portugal,** "Effect of the Acyl Chain Length on the Translocation Rate of Amphiphilic Molecules in Liquid Disordered and Liquid Ordered Lipid Bilayers"

**María del Rocío Cantero, Instituto de Investigaciones Cadiológicas–UBA –CONICET, Argentina,** "Regulation by Calcium of the TRO Channel Polycystin-2 (TRPP2)"

**Yadira Ruiz-Granados, Universidad Nacional Autonoma de Mexico,** "Fluorescence Quenching and Fluorescence Resonance Energy Transfer Studies in the Recombinant N-domain from the Plasma Membrane H(+)-ATPase, Pma1"

**Bryan Sewell, University of Cape Town, South Africa,** "Insights into the Mechanism of the Cobalt Containing Nitrile Hydratase from Geobacillus Pallidus"

**Alexandra Sorochkina, Moscow State University, Russian Federation,** "Protonophoric Activity of Gramicidin a Modified by Charged Amino-acids at Its N-terminus"

**Priyanka Srivastava, Indian Institute of Technology, Kanpur, India,** "Gastrin-releasing Peptide Adopts an Orientation Parallel to the Membrane Plane as a Preferred Orientation in DMPC Bilayers: Multiple Molecular Dynamics Simulations"

**Priscilla Tosqui, Universidade Estadual Paulista, Brazil,** "Investigation of the Role of Neuroglobins in Globin Redox Reactions"

**Daniela Araiza Olivera Toro, Universidad Nacional Autonoma de Mexico,** "Association Between Enzymes Modifies the Inhibition by Trehalose"

**David Wojtas, University of Canterbury, New Zealand,** "Modelling X-ray Diffraction from the Myosin Superlattice of Vertebrate Muscle"

*The Biophysical Society, founded in 1956, is a professional, scientific society established to encourage development and dissemination of knowledge in biophysics. The Biophysical Society's Annual Meeting is the world's largest meeting of biophysicists -over 6,000 attendees are expected. Over 3700 scientific abstracts have already been submitted for presentation at this event. For more information about the Meeting or the Society's awards, visit http:/www.biophysics.org or contact Ellen R. Weiss at (301) 634-7176 or eweiss@biophysics.org.*