



FOR IMMEDIATE RELEASE

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Biophysical Society Announces Winners of 2012 CPOW Travel Awards

Rockville, MD— The Biophysical Society has announced the winners of its second annual CPOW travel awards to attend the Biophysical Society's 56th Annual Meeting at the San Diego Convention Center in San Diego, California, February 25-29, 2012. CPOW, the Society's Committee for Professional Opportunities for Women (CPOW), has initiated these travel fellowships to increase the number of women biophysicists and encourage their participation at the meeting. The recipients of this competitive award must be postdoctoral fellows presenting a poster or oral presentation at the conference. Each awardee receives a travel grant and will be recognized at a CPOW session on Monday, February 27.

The 2012 recipients of the CPOW Travel Award are:

Simona Casini, Leiden University, The Netherlands, PLURIPOTENT STEM CELL MODELS OF A CARDIAC SODIUM CHANNELOPATHY.

Elizabeth Denning, University of Maryland, Baltimore, IMPACT OF TMAO ON THE PREQ1 RNA RIBOSWITCH STUDIED USING MOLECULAR DYNAMICS SIMULATIONS.

Vivian Gonzalez-Perez, Washington University, STEREOSPECIFIC BINDING OF AN INTRINSICALLY DISORDERED N-TERMINAL INACTIVATION DOMAIN DISTINGUISHES BK AND SHAKER INACTIVATION MECHANISMS.

Sabine Groenke, University of Cologne, Germany, ATRIAL-SPECIFIC NCX KO MICE REVEAL DEPENDENCE OF SINOATRIAL NODE PACEMAKER ACTIVITY ON SODIUM-CALCIUM EXCHANGE.

Johanna Lanner, Karolinska Institute, Stockholm, Sweden, ENDURANCE EXERCISE INCREASES FORCE PRODUCTION IN MOUSE FAST-TWITCH MUSCLES.

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DISSECTING THE ROLES OF THE EXTRACELLULAR
REGIONS IN APELIN PEPTIDE-RECEPTOR BINDING.

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ROLE OF LIPID TILT IN ENDOCYTOSIS.

Anna Shnyrova, University of the Basque Country, Leioa,
Spain, SPATIO-TEMPORAL ORGANIZATION OF A
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Sharmistha Sinha, Iowa State University,
MULTIFUNCTIONAL ASPECTS OF PDU A SHELL PROTEIN
FROM THE MICROCOMPARTMENTS OF SALMONELLA
ENTERICA.

Megan Thielges, Stanford University, DYNAMICS AT
SPECIFIC SITES IN PROTEINS STUDIED BY 2D IR
VIBRATIONAL ECHO SPECTROSCOPY.

Li Wang, University of Iowa, CROSS-BRIDGE KINETICS IN
PAPILLARY MUSCLE FIBERS FROM TRANSGENIC MICE
EXPRESSING THE ASPARGINE-47 TO LYSINE (N47K)
MUTATION IN MYOSIN REGULATORY LIGHT CHAIN.

Tingting Yang, Columbia University, REM INHIBITS CAV1.2
CHANNELS USING BOTH BETA-BINDING DEPENDENT
AND INDEPENDENT MECHANISMS.

*The Biophysical Society, founded in 1956, is a professional,
scientific Society established to encourage development and
dissemination of knowledge in biophysics. The Society promotes
growth in this expanding field through its annual meeting, monthly
journal, and committee and outreach activities. Its 9000 members
are located throughout the U.S. and the world, where they teach
and conduct research in colleges, universities, laboratories,
government agencies, and industry. For more information on
these awards, the Society, or the 2012 Annual Meeting, visit
www.biophysics.org.*