

XL Annual Meeting of The Brazilian of Biochemistry and Molecular Biology Society (SBBq)

30.04.2011 to 3.05.2011 - Rafain Palace Hotel and Convention Center, Paraná, Foz do Iguacu

Scientific Program - Preliminar

http://sbbq.iq.usp.br/v2_english/index.php?option=com_content&task=view&id=713

Conferences

An ancient cellular machine is functioning within the contemporary ribosome

Opening Conference: **Ada E. Yonath**, Weizmann Institute Science, Structural Biology Department

Chair: Richard Charles Garratt, Instituto de Física de São Carlos (IFSC-USP), Dep. de Física e Informática

[Bases bioquímicas da persistência da memória](#) , **Ivan Antonio Izquierdo**, Pontifícia Universidade Católica do Rio Grande do Sul (PUC), Instituto de Pesquisas Biomédicas

Chair: Helena Bonciani Nader, Universidade Federal de São Paulo (UNIFESP-EPM), Dep. de Bioquímica

Evolution of Metabolic and Signaling Pathways: A Genomic View, **Michael Y. Galperin**, National Center for Biotechnology Information, National Library of Medicine

Chair: Fabio de Oliveira Pedrosa, Setor de Ciências Biológicas, Universidade Federal do Paraná (UFPR-SCB), Dep. de Bioquímica

[Systems Biology of Host Pathogen Interactions](#) , **Robert Ernest William Hancock**, University of British Columbia, Dep of Microbiology and Immunology

Chair: Octávio Luiz Franco, Universidade Católica de Brasília (UCB)

Spaces and Time in the Nucleus: Replication Timing Reflects Stable Alterations in 3D Chromosome Organization During Development and Disease, **David M. Gilbert**, Florida State University, Dep of Biological Science

Chair: Jose Miguel Ortega, Instituto de Ciências Biológicas (ICB-UFMG), Dep. de Bioquímica Celular e Imunologia

Mitochondrial Respiration, Ca²⁺ Transport and Oxidative Stress: Fungi, Trypanosomes, Plants and Mammals, **Anibal E. Vercesi**, Faculdade de Ciências Médicas (FCM-UNICAMP), Dep. de Patologia Clínica

Chair: Maria Julia Manso Alves, Instituto de Química (IQ-USP), Dep. de Bioquímica

The Adipokinetic Hormone Signalling System in Arthropods and Evolutionary Related Systems in Nematodes and Vertebrates, **Gerd Gaede**, University of Cape Town, Zoology

Chair: Georgia Correa Atella, Instituto de Ciências Biomédicas (ICB-UFRJ), Dep. de Bioquímica Médica

Sharing the Energy Landscape for Folding and Function: From Small Proteins to Large Biomolecular Machines, **José N. Onuchic**, Center for Theoretical Biological Physics, University of California at San Diego

Chair: Guilherme M. Arantes, IQ-USP

Signaling of the Tissue Factor Coagulation Pathway: From Biochemistry to in vivo Models, **Wolfram Ruf**, The Scripps Research Institute, La Jolla, Dept. of Immunology and Microbial Science.

Chair: Robson de Queiroz Monteiro. Instituto de Bioquímica Médica (IBqM-UFRJ)

Crystallographic Investigations of Two Vacuolar Plasmeepsins from Plasmodium falciparum, Novel Targets for Designing Drugs against Malaria, **Alexander Wlodawer**, Protein Structure Section, National Cancer Institute, National Cancer Institute at Frederick

Chair: Maria Luiza Vilela Oliva, Unifesp/EPM

Hugo Aguirre Armelin, Instituto de Química (IQ-USP), Dep. de Bioquímica

Chair: Fábio Luís Forti, Instituto de Química (IQ-USP), Dep Bioquímica

Glaucius Oliva, Instituto de Física de São Carlos (IFSC-USP), Dep. de Física e Informática

Chair: Débora Foguel, Instituto de Ciências Biomédicas (ICB-UFRJ), Dep. de Bioquímica Médica

George Dimopoulos, Johns Hopkins Baltimore School of Public Health, Dep Molecular Microbiology and Immunology

Chair: Marcos Henrique Ferreira Sorgine

Peter Carmeliet, Katholieke Universiteit Leuven, Vesalius Research Centrum (not confirmed)

Chair: Ricardo José Giordano, Instituto de Química (IQ-USP), Dep de Bioquímica