

10th International Summer School on Biophysics

Supramolecular Structure and Function

September 19 - October 1, 2009

Rovinj / Red Island - CROATIA

www.irb.hr/biophysics



Scientific topics

Structure and dynamics

Structure of proteins and their multidomain organization
Nucleic acids: from DNA structure to human genome
Supramolecular assemblies:
Lipoproteins, Membranes, Ribosomes, etc.
Soft matter
Signal transduction
Dynamics of biosystems at different time-scales

Major techniques in biophysics

Diffraction and scattering techniques
Magnetic resonance spectroscopies
Fluorescence spectroscopy
Mass spectrometry
Microscopic techniques
Single molecule spectroscopy
Computational techniques in biophysics
Infrared spectroscopy

Bioinformatics

Genomics and proteomics
Macromolecular modelling

Biocomplexity in evolution

List of invited lecturers

Ernst Bamberg (Germany) *
Nenad Ban (Switzerland) *
Ad Bax (USA) ■
Søren Brunak (Denmark) *
Charles Cantor (USA) *
Virginia Cornish (USA) *
Paolo De Los Rios (Switzerland) *
Ivan Đikić (Germany) *
Jonathan J. Ewbank (France) *
Laszlo Forro (Switzerland) *
Larry Gold (USA) *
Joachim Heberle (Germany) *
Wolfgang Junge (Germany) *
Ulf Landegren (Sweden) *
Daniel Müller (Germany) *
Kuniaki Nagayama (Japan) *
Martin Noble (UK) *
Annalisa Pastore (UK) *
Andreas Plückthun (Switzerland) *
Bert Poolman (The Netherlands) *
Ian Smith (Canada) *
Joseph Schlessinger (USA) *
Petra Schwille (Germany) *
Heinz-Jürgen Steinhoff (Germany)*
Igor Štagljar (Canada) *
Kurt Wüthrich (USA) ■
Michael B. Yaffe (USA) *

*accepted / ■ tentatively accepted invitation

Application deadline: May 15, 2009


Abstract submission deadline: June 1, 2009

Organized by

Ruđer Bošković Institute, Zagreb, Croatia
Croatian Biophysical Society

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Organizing Committee

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Igor Weber
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