



SoFlacs



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South Florida Section American Chemical Society

January 2017

Chemical Sciences Symposium

Sunday, February 26, 2017, 2:00 to 6:30 PM

Nova Southeastern University

Health Professions Division, Terry/Assembly Building, Room 2100 (Steele Auditorium)

3200 South University Drive, Ft. Lauderdale

Theme: Protein Structure Function: From Molecular Simulations to Drug Discovery

Cash prizes for best student poster presentations

Call for Abstracts

High school, undergraduate and graduate students are encouraged to present posters on their research (does not have to be related to the symposium theme)

Abstract Instructions:

1. Word Count Limit: 350
2. Format: Microsoft Word, Times New Roman, font size 12
3. Submission deadline: Monday, February 20
4. Poster size max 4' high x 6' wide
5. Mode of Submission: email attachment to venk@nova.edu
6. For questions please contact: Dr. K.V. Venkatachalam (Dr. Venk): venk@nova.edu

Program

1:30-2:00 PM: Registration, putting up the posters (soda and snacks: courtesy of NSU)

2:00-2:10 PM: Introductions & Welcoming: Symposium
Chair: **Dr. K.V. Venkatachalam** (College of Medical Sciences, NSU).

Symposium Speakers:

2:10-2:45 PM: **A Primer to Protein Crystallization and Introductions to Protein Structure/Function**

Ivana Kuta Smatanova, Institute of Chemistry and Biochemistry, University of South Bohemia in Ceske Budejovice, Czech Republic.

2:45-3:20 PM: **Application of Charge Transfer Calculations on Computational Study of Proteins**,
David Reha, Center of Nanobiology and Structural Biology of the Institute of Microbiology, Academy of Sciences of the Czech Republic, Czech Republic.

3:20-3:35 PM: **Young Researcher Talk** (TBD)

3:35-4:35 PM: **Poster Session along with food** (pizza, soda, snacks: courtesy of NSU)

4:35-5:10 PM: **Properties and Dynamics of Ionic Liquids**, **Orlando Acevedo**, Department of Chemistry, University of Miami, Miami, FL

5:10-5:45 PM: **Structure, dynamics and function of proteins in non-aqueous media**, **Babak Minofar**, Center of Nanobiology and Structural Biology of the Institute of Microbiology, Academy of Sciences of the Czech Republic, Czech Republic.

5:45-6:20 PM: **Computational modeling of 3'-Phosphoadenosine 5'-phosphosulfate synthase PAPS**, **Rüdiger Ettrich**, College of Medical Sciences, Nova Southeastern University, Ft. Lauderdale, FL.

6:20-6:30 PM: Closing Remarks, Announcements of Prizes

Congratulations to Newly Elected Officers

Chair-Elect – David Riusech, Noven Pharmaceuticals, 954-292-6548
diriusech@aol.com

Treasurer – David Riusech (see above)

Councilor – Milagros Delgado, 305 919-5966, FIU-Biscayne Bay Campus
degadom@FIU.edu

Councilor - George Fisher, 305-899-3430; Barry University
gfisher@Barry.edu

Alternate Councilors - John Reilly, 239-590-1881, johnreill@fgcu.edu

Lisa Milenkovic, 754-321-2119, lisa.milenkovic@browardschools.com

Jesse Bernstein, 305-779-7260, Miami Country Day School, assumes as chair

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