



# SoFlacs



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South Florida Section American Chemical Society

February 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](mailto:venk@nova.edu)
6. For questions please contact: Dr. K.V. Venkatachalam (Dr. Venk): [venk@nova.edu](mailto: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 Smananova**, 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

### 2017 SoFL-ACS Officers

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