

## 1<sup>st</sup> UNESP NMR Symposium

### Recent Advances in

### NMR Spectroscopy: A Powerful Tool for Fundamental and Applied Research

November 7<sup>th</sup> 2014

**Venue:** Auditorium IQ-UNESP, Araraquara, SP

#### Scientific Program

08h30min – **Registration/coffee**

08h40min – **Opening Ceremony: Carlos H. de Brito Cruz** (Scientific Director, FAPESP) **Marilza V. Cunha Rudge** (Vice-Rector, Unesp); **Maria José S. Mendes Giannini** (Research Pro-Rector, Unesp); **Vanderlan da Silva Bolzani** (IQ-Unesp)

09h10min – **Carlos H. de Brito Cruz** (Scientific Director of FAPESP, São Paulo, SP-Brazil)  
**FAPESP – Overview on Multi-Users Equipment in São Paulo**

09h45min – **Mark Chaykovsky** (Bruker BioSpin Corporation, USA)  
**Title to be announced soon**

10h20min – **Visit to NMR Facilities; Coffee Break**

11h00min – **Hellmut Eckert** (Institut für Physikalische Chemie, University of Münster and Department of Physics, University of Sao Paulo)

**Advanced Solid State NMR Strategy for the Structural Elucidation of Functional Materials**

12h00min – **Open Discussion of the Lectures**

12h30min – **Lunch**

14h00min – **Nobel Laureate Plenary Lecture: Kurt Wüthrich** (2002 Nobel Prize of Chemistry, Professor of Biophysics, ETH Zürich, Zürich, Switzerland, and Cecil H. and Ida M. Green Professor of Structural Biology, The Scripps Research Institute, La Jolla, CA, USA.

**From the Physics Phenomenon of NMR to Key Techniques in Chemistry, Biology and Medical Diagnosis**

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15h00min – **Jerson Lima** (Institute of Biophysics, Federal University of Rio de Janeiro, RJ)

**Structural Studies on Prion-like Proteins involved in Neurodegenerative Diseases and Cancer**

16h00min – **Round Table – NMR as a Powerful Tool for Fundamental and Applied Research**

**Coordinator: Vanderlan da S. Bolzani** (Institute of Chemistry, UNESP, Araraquara, SP-Brazil)

**Participants: Ian Castro-Gamboa** (Institute of Chemistry, UNESP, Araraquara, SP-Brazil); **Antonio Gilberto Ferreira** (Federal University of São Carlos, Department of Chemistry, UFSCAR, São Carlos, SP-Brazil); **Jose Daniel Figueroa-Villar** (The Military Institute of Engineering, Rio de Janeiro, RJ); **Raghuvir K. Arni** (Instituto de Biociências, Universidade Estadual Paulista, UNESP).

**Roberto Kopke Salinas** (Departamento de Bioquímica Instituto de Química - Universidade de São Paulo, São Paulo, SP-Brazil)

18h00min – **Closing Ceremony**

18h150min – **Cocktail**

### **Organizing Committee:**

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