

Inauguration of the first 900 MHz NMR spectrometer in Latin America

May 12, 2017 CCS – UFRJ Bloco N

- 8:40 Opening with Breakfast
- 9:00 Director Speech about CENABIO – Adalberto Vieyra (UFRJ)
- 9:30 Inauguration
- 13:30 Mark Chaykovsky (Bruker) – Influence of NMR in the World Around Us
- 13:50 Richard Garratt (USP) – A brief History of Protein Crystallography in Brazil
- 14:10 Carlos Henrique Inácio Ramos (UNICAMP) – Using NMR to study the interaction between heat shock protein 70 kDa HSP70 and J-domain proteins
- 14:30 Plenary section: Eurico Cabrita (FCT/UNL) – Interactions with NMR
- 15:10 João Alexandre Ribeiro Gonçalves Barbosa (UnB) – The structures of the Trx and Trr from *Cryptococcus neoformans*: an essential redox system validated as an antifungal drug target
- 15:30 Clemens Anklin (Bruker) – NUS, X-nucleus detection, Multi-Receive and more. New trends in NMR spectroscopy for molecules large and small
- 15:50 Ana Paula Valente (UFRJ) – The uses and applications of NMR
- 16:10 Anderson de Sá Pinheiro (UFRJ) – Unraveling the RNA recognition mechanism of the master post-transcriptional regulator HuR
- 16:30 Fernanda Tovar (UFRJ – IDOR) – Rewiring: Mapping and modifying brain circuitry
- 16:50 Coffee Break
- 17:10 Fabio C. L. Almeida (UFRJ) – Atomic description of a dynamical structural elements - water cavity of thioredoxins
- 17:30 Monica Santos de Freitas (UFRJ) – An atomic view of nanostructures by solid-state NMR
- 17:50 Kildare Miranda (UFRJ) - A roadmap for multidimensional mesoscale investigation at the National Center for Structural Biology and Bioimaging.
- 18:10 Jerson Lima Silva (UFRJ) – Closing section/The history of CNRMN



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