

Inauguration of the first 900 MHz NMR spectrometer in Latin America

May 12, 2017 CCS – UFRJ Bloco N

9:00 Opening

9:40 Director Speech about CENABIO – Adalberto Vieyra (UFRJ)

10:00 Influence of NMR in the World Around Us – Mark Chaykovsky (Bruker)

10:20 The history of CNRMN – Jerson Lima Silva (UFRJ)

10:40 The uses and applications of NMR – Ana Paula Valente (UFRJ)

11:00 A brief History of Protein Crystallography in Brazil – Richard Garratt

11:20 Inauguration and Lunch

Afternoon section – INBEB and Structural Biology

14:00 Anderson de Sá Pinheiro (UFRJ) – Unraveling the RNA recognition mechanism of the master post-transcriptional regulator HuR

14:20 Carlos Henrique Inácio Ramos (UNICAMP) – Using NMR to study the interaction between heat shock protein 70 kDa HSP70 and J-domain proteins

14:40 Fabio C. L. Almeida (UFRJ) – Atomic description of a dynamical structural elements - water cavity of thioredoxins

15:00 Plenary section: Eurico Cabrita (FCT/UNL) – Interactions with NMR

15:50 Coffee Break

16:00 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

16:20 Monica Santos de Freitas (UFRJ) – An atomic view of Nanostructures by Solid-State NMR

16:40 Fernanda Tovar (UFRJ – IDOR) – Rewiring: Mapping and modifying brain circuitry

17:00 Clemens Anklin (Bruker) – NUS, X-nucleus detection, Multi-Receive and more. New trends in NMR spectroscopy for molecules large and small

17:20 Closing

19:30 Happy hour at Ameno Rasedá, Pedro Americo St. 277 (Catete).

