



Workshop

Redox Signaling and Transcription



**03 Out
2016**

ICB IV : Anfiteatro Rosa

**Inscrições até 26/09 através do e-mail:
redoxworkshopicb@gmail.com**

Organização: Profa. Dra. Lucia Rossetti Lopes

9:00 - Opening Comments - Cristóforo Scavone (ICB-USP)

SESSION I: PIVOTAL ROLE OF NOX IN REDOX SIGNALING AND TRANSCRIPTION

9:30 - Francis Miller (Duke University, USA): Integrated Micro-RNA Regulation of Nox enzymes: a new therapeutic target in Atherosclerosis.

10:30 - Interval (coffee break).

11:00 - Francisco Laurindo (InCor-FMUSP)- Protein disulfide isomerases in redox signaling and homeostasis.

11:30 - Lucia Rossetti Lopes (ICB -USP) - Nox2 regulates inflammation by modifying thioredoxin-1 redox state.

12-14:00 - Lunch.

SESSION II: NEW INSIGHTS IN REDOX SIGNALING AND DISEASE

14:00 - Hugo Monteiro (UNIFESP): NO signaling in cancer: role in tumor progression.

14:30 - Luís Eduardo Soares Netto (IB-USP) Peroxiredoxin structure and biological function.

15:00 - Cristóforo Scavone (ICB-USP) Redox therapy in aging processes: new targets.

15:30-16:00 - Interval.

16:00 - Roger Chammas (ICESP) Revisiting the cellular and molecular basis of melanoma chemoresistance: opportunities for redox mediated therapy.

16:30 - Adam Benham (University of Durham, UK): A role for ER oxidoreductases and redox signalling in gastro-intestinal disease.

17:00 - Final considerations.

