



2nd CEPID Redoxoma meeting with the Advisory Committee – 2017

Dates

Feb 13 and Feb 14, 2017

Address

Av. Prof. Lineu Prestes, 748
Instituto de Química - Bloco 6 Superior
Anfiteatro Cinza

CEPID REDOXOMA HOMEPAGE
<http://redoxoma.iq.usp.br>

CEPID REDOXOMA NEWSLETTER
<http://redoxomanewsletter.iq.usp.br>

CEPID REDOXOMA ON FACEBOOK
<fb.me/redoxoma>

Program

2nd CEPID Redoxoma meeting with the Advisory Committee

February 13, 2017 - Monday

Scheduled time	Speaker/Title
8:30 – 8:50 am	Ohara Augusto Welcome to the 2 nd CEPID Redoxoma meeting with the advisory committee
8:50 – 8:55 am	Marisa Helena Gennari de Medeiros Aim 1 – Biomolecule oxidation and function
8:55 – 9:25 am	Marcos Yukio Yoshinaga Lipidomic analysis of XPC and MRC-5 cells submitted to UVA irradiation
9:35 – 10:05 am	Mauricio da Silva Baptista Natural photosensitizers
10:15 – 10:45 am	<i>Coffee-Break</i>
10:45 – 10:50 am	Luis Eduardo Soares Netto Aim 2 – Thiol-based redox proteins
10:50 – 11:20 am	Luis Eduardo Soares Netto Ohr plays a central role in bacterial responses against fatty acid hydroperoxides and peroxynitrite
11:40am – 12:10 pm	Flavia Carla Meotti Kinetics and mechanism of the reaction of human peroxiredoxin 1 and peroxiredoxin 2 with urate hydroperoxide
12:20 – 2:00 pm	<i>Lunch</i>
2:00 – 2:05 pm	Alicia Kowaltowski Aim 3 – Redox signaling
2:05 – 2:35pm	Alicia Kowaltowski Mitochondrial morphology in cell differentiation
2:45 – 3:15 pm	Leonardo Yuji Tanaka Extracellular protein disulfide isomerase: a novel regulator of biomechanical adaptation in vascular cells
3:25 – 3:30 pm	Francisco Laurindo Aim 4 – Therapeutic, diagnostic and environmental applications of redox processes
3:30 – 4:00 pm	Sergio de Menezes Effects of caloric restriction on mitochondrial calcium handling
16:10 – 16:40 pm	Lucia Rosseti Lopes NOX2 regulates inflammation by modifying thioredoxin-1 redox state
16:50 – 18:00 pm	<i>Poster Session 1 / Coffee</i>

February 14, 2017 - Tuesday

Scheduled time	Speaker/Title
8:30 – 8:35 am	Paolo Di Mascio Technology transfer and technological advances
8:35 – 9:05 am	Graziella Rosein and Sayuri Miyamoto Mass spectrometry “facility”
9:15 – 9:45 am	Ana Maria da Costa Ferreira Redox reactor for purification of industrial effluents
9:55 – 10:00 am	Carmen Fernandez Education and science dissemination
10:00 – 10:30 am	Carmen Fernandez Aging campaign in the “Sowing Science” project
10:40 – 11:50 am	<i>Poster Session 2 / Coffee</i>
12:10 pm	General remarks by Rafael Radi and Balaraman Kalyanaraman and Closing

Advisory Committee:

Gary Fiskum
University of Maryland, USA

Balaraman Kalyanaraman
Medical College of Wisconsin, USA

Rafael Radi
Universidad de la Republica, UY.