

Third Workshop in Comparative Aspects of Oxidative Stress in Biological Systems

October 16-19, 2007
Hotel Vasco
Cautla Morelos, Mexico

PROGRAM

Time	Tuesday, October 16, 2007
15:00-17:30	Registration
17:30-18:00	Inauguration
18:00-19:00	Inaugural conference Dr. Tania Zenteno-Savín "Oxidative stress in marine vertebrates" Centro de Investigaciones Biológicas del Noroeste La Paz, Baja California Sur Mexico
19:00-20:00	Ice Breaker – Welcome cocktail
20:00-22:00	Dinner

Time	Wednesday, October 17, 2007
	Oxidative Stress Associated to Plant physiology
09:00-09:30	Dr. Laura Pérez Flores "Plants response to oxidative stress". Departamento de Ciencias de la Salud. Universidad Autónoma Metropolitana-Iztapalapa. Mexico City
09:30-10:00	Dr. Irma Bernal Lugo "Oxidative stress in senescent seeds". Facultad de Química, Universidad Nacional Autónoma de México. Mexico City
10:00-11:00	Dr. Caludia Anahí Casalongué "Oxidative stress in plants: responses to environmental

	physiological stimulus". Facultad de Ciencias Exactas y Naturales Universidad Nacional de Mar del Plata Argentina
11:00- 11:30	Coffee break
	Oxidative Stress and Neurodegenerative diseases
11:30- 12:30	Dr. Syed Ali "The role of oxidative stress and free radicals in neurodegeneration and neuroprotective mechanism of antioxidants". Division of Neurotoxicology, National Center for Toxicological Research, Jefferson Arkansas. USA.
12:30- 13:00	Dr. Julio Morán "Cellular development, nervous system and oxidative stress". Instituto de Fisiología Celular Universidad Nacional Autónoma de México. Mexico City
13:00- 13:30	Dr. Mauricio Díaz Muñoz "Neurodegenerative processes associated to the lack of expression of inositol trisphosphate receptor" Instituto Neurobiología Universidad Nacional Autónoma de México. Juriquilla, Mexico
13:30- 14:00	Oral presentations by recipients of travel awards, to be announced
14:00- 16:00	Lunch Time
16:00- 18:00	Poster session
18:00- 19:00	Business session of the Oxidative Stress branch of the Mexican Biochemistry Society.
19:00- 21:00	Dinner

Time	Thursday, October 18, 2007
	Antioxidants, nutrition and disease
9:00-9:30	Dr. Mariano García "Functional nutriment"

	Departamento de Biotecnología. Universidad Autónoma Metropolitana-Iztapalapa. Mexico City
9:30-10:00	Dr. Hector Bourges "Vitamins" Instituto Nacional de Ciencias Médicas y de la Nutrición Salvador Zubirán. México City
10:00-10:30	Dr. Luz Ma del Razo "Lipid oxidative damage and distribution of inorganic arsenic and its metabolites: Influence of alpha tocopherol supplementation". Centro de Investigaciones y Estudios Avanzados de Instituto Nacional Politécnico. México City
10:30-11:00	Dr. Perla D. Maldonado "Antioxidants, an alternative for Ischemia" Instituto Nacional de Neurología y Neurocirugía
11:00-11:30	Coffee break
	Oxidative Damage to Macromolecules
11:30-12:30	Dr. Rafael Radi "Mitochondrial superoxide radical as signaling molecule in apoptosis" Facultad de Medicina, Universidad de la República Montevideo, Uruguay
12:30-13:00	Dr. Jorge Membrillo "Protective mechanisms against oxidative stress damage in proteins" . Instituto de Investigaciones Biomédicas Universidad Nacional Autónoma de México. Mexico City
13:00-13:30	Dr. Emilio Rojas "Oxidative stress, xenobiotics, DNA damage and cancer" Instituto de Investigaciones Biomédicas Universidad Nacional Autónoma de México. Mexico City
13:30-14:00	Oral presentations by recipients of travel awards, to be announced
14:00-16:00	Lunch Time
16:00-18:00	Poster session

	Oxidative Stress and Antioxidant Response
18:00-19:00	Dr. Anil Jaiswal "NF-E2 related transcription factors (Nrf1, Nrf2 and Nrf3) that regulate expression and induction of defensive genes in response to oxidants, antioxidants and xenobiotics." Baylor College of Medicine Texas, USA
19:00-21:00	Dinner
21:00	Cultural Happening

Time	Friday, October 19, 2007
	Free Radicals in Molecular Biology and Cell Signaling
09:00-09:30	Dr. Luis Covarrubias. "Oxidative stress in cell death" Instituto de Biotecnología Universidad Nacional Autónoma de México. Cuernavaca, Mexico
09:30-10:00	Dr. Wilhelm Hansberg. "Microbial cell differentiation: a response to oxidative stress". Instituto de Fisiología Celular Universidad Nacional Autónoma de México. Mexico City
10:00-11:00	Dr. Henry Forman "Molecular biology and biochemistry of signal transduction and cellular adaptation to oxidative stress". University of California Merced, USA
11:00-11:30	Coffee break
	Physiology and Physio-pathology of Oxidative Stress
11:30-12:00	Dr. Concepción Gutierrez "Oxidative stress in Hepatic fibrosis" Departamento de Ciencias de la Salud. Universidad Autónoma Metropolitana-Iztapalapa. Mexico City
12:00-12:30	Dr. Alejandro De Las Peñas. "Oxidative stress response in <i>Candida glabrata</i> , an opportunistic fungal pathogen". Instituto Potosino de Investigación Científica y Tecnológica (IPICYT) San Luis Potosí. S.L.P.

	Mexico
12:30- 13:30	Dr. Aphrodite Vasilaki "Role of oxidative stress in degeneration in ageing muscle" Department of Medicine University of Liverpool United Kingdom
13:30- 14:00	Concluding remarks
14:00- 16:00	Lunch