

**4rd INTERNATIONAL WORKSHOP ON COMPARATIVE
ASPECTS OF OXIDATIVE STRESS IN BIOLOGICAL SYSTEMS.
AND II SECOND MEETING OF THE FREE RADICALS AND OXIDATIVE
STRESS BRANCH OF THE MEXICAN BIOCHEMICAL SOCIETY**

**March 31-April 3, 2009
Taxco, Guerrero, Mexico
PRELIMINARY PROGRAM**

Tuesday, March 31, 2009	
15:00-17:30	Registration desk open
17:30-18:00	Opening remarks
18:00-19:00	Inaugural Lecture "Oxidative Stress: Where are we and where are we going?" Dr. Victor Darley-USmar , Key-Note Speaker Department of Pathology University of Alabama at Birmingham, USA
19:00-20:00	Ice-breaker
20:00-22:00	Dinner
Wednesday, April 2009	
07:00-09:00	Early Morning Postgraduate course – day one
08:00-13:00	Registration desk open
	Free radicals and antioxidants in microorganisms
09:00-09:30	Talk by a principal researcher, selected from abstracts– to be announced
09:30-10:00	Dr. Jesús Aguirre "Stress signal transduction and cell differentiation in the fungus <i>Aspergillus nidulans</i> " Instituto de Fisiología Celular, UNAM. Mexico City.
10:00-11:00	Dr. Evgeny Nudler "Bacterial NO-synthases operate without a dedicated redox partner." New York University Medical Center, USA
11:00-11:30	Break
	Biochemistry of redox reactions and emerging methods
11:30-12:30	Dr. Paolo Di Mascio "Singlet molecular oxygen" Departament of Biochemistry, Chemistry Institute, Universidade de São Paulo, Brasil.
12:30-13:00	Dra. Andrea De Vizcaya Ruiz

	"Effect of chemical composition on the induction of DNA damage by urban airborne particulate matter" CINVESTAV, IPN, Mexico City
13:00-13:30	Dra. Brenda Valdarrama "Oxidative protection by self-deactivation of metalloproteins" Instituto de Biotecnología UNAM, Morelos, México.
13:30-14:00	Two talks by students, selected from abstracts – to be announced
14:00-16:00	Lunch
16:00-18:00	Poster Session
18:00-19:00	Business meeting of the Branch of Oxidative Stress of SMB
19:00-21:00	Dinner
Thursday, April 2, 2009	
7:00-9:00	Early Morning Postgraduate course – day two
	Free radicals and antioxidants in medicine I
9:00-9:30	Two talks by students, selected from abstracts – to be announced
9:30-10:00	Talk by a principal researcher, selected from abstracts– to be announced
10:00-10:30	Dra. Clorinda Arias "Biochemical mechanisms involved in neuronal cell death during Alzheimer and aging." Instituto de Investigaciones Biomédicas , UNAM, Mexico City
10:30-11:00	Dr. Ali Syed "Proteomics, oxidative stress and Parkinson's" Neurochemistry Laboratory, Division of Neurotoxicology, National Center for Toxicological Research, Arkansas, USA
11:00-11:30	Break
	Free radicals and antioxidants in medicine II
11:30-12:30	Dr. José Carlos Fernández-Checa "Dual role of mitochondrial reactive oxygen species in hypoxia signaling". Liver Unit, Hospital Clinic, C/Villarroel, Barcelona, Spain
12:30-13:00	Dr. Víctor Calderón Salinas "Mechanisms of the toxic effect of lead" CINVESTAV, IPN, Mexico City
13:00-13:30	Talk by a principal researcher, selected from abstracts– to be announced
13:30-14:00	Two talks by students, selected from abstracts – to be announced

14:00-16:00	Lunch
16:00-18:00	Poster Session
	Free radicals and antioxidants in aquatic organisms
18:00-19:00	Dr. V.I. Lushchak "Oxidative stress in response to environmental disturbances (oxygen, temperature, contaminants) in aquatic organisms" Department of Biochemistry, Precarpathian National University, Ukraine.
19:00-21:00	Dinner
21:00	Cultural event – to be announced
Friday, April 3, 2009	
07:00-09:00	Early Morning Postgraduate course – day three
	Emerging Topics in Free radicals and antioxidants
09:00-09:30	Talk by a principal researcher, selected from abstracts– to be announced
09:30-10:00	Dr. Eduardo Torres Ramírez " Polyphenol biosynthesis by peroxidases" Universidad Autonoma Metropolitana- Cuajimapla, Mexico City
10:00-11:00	Dra. Marisa Medeiros "Does β -carotene protect against DNA oxidative damage?" Department of Biochemistry, Chemistry Institute, Universidade de São Paulo, Brasil.
11:00-11:30	Break
	Free radicals and defense mechanisms in plants
11:30-12:00	Talk by a principal researcher, selected from abstracts– to be announced
12:00-12:30	Dra. Bronwyn Jane Barkla "Metal transport activity in the Arabidopsis and oxidative stress" Instituto de Biotecnología UNAM, Morelos, México.
12:30-13:30	Dr Krishna Niyogi "Photoprotection" Department of Plant and Microbial Biology, University of California, Berkeley, USA.
13:30-14:00	Closing remarks
14:00-16:00	Lunch