

**VI INTERNATIONAL WORKSHOP ON COMPARATIVE ASPECTS OF
OXIDATIVE STRESS IN BIOLOGICAL SYSTEMS
AND
V MEETING OF THE FREE RADICALS AND OXIDATIVE STRESS
BRANCH OF THE MEXICAN BIOCHEMICAL SOCIETY**

**March 18-21, 2015
Hacienda San José Vista Hermosa, Puente de Ixtla, Morelos.**

PROGRAM

Wednesday, March 18th, 2015	
15:00-17:30	Registration desk open
17:30-18:00	Opening remarks
18:00-19:00	Inaugural Lecture "Control of breast cancer cell bioenergetics by nitric oxide" Dr. Neil. Hogg. Key-Note Speaker Medical College of Wisconsin. Milwaukee, WI. President Society of Free Radicals in Biology and Medicine SFRBM
19:00-20:00	Ice-breaker
20:00-22:00	Dinner
Thursday, March 19th, 2015	
07:00-08:45	Workshop: Early Morning graduate course – day one "¿Qué es un radical libre?" Dr. Mina Konigsberg Universidad Autónoma Metropolitana-Iztapalapa. México D.F., México
08:00-13:00	Registration desk open
08:45-10:00	Breakfast
	Topic: Free radicals in Medicine
10:00-11:00	Three talks by students, selected from abstracts – to be announced
11:00-12:00	Invited Plenary Lecture. Dr. Francisco Laurindo Martins "Protein disulfide isomerases: novel roles in redox signaling and homeostasis" Instituto del Corazón, Universidad de Sao Paulo, Brazil
12:00-12:15	Break
	Symposium: Free radicals and antioxidants in microorganisms

12:15-12:45	Dr. Mario Pedraza Reyes. “Consequences of faithful or error-prone processing of ROS-promoted DNA damage in <i>Bacillus subtilis</i> .” Department of Biology, University of Guanajuato, Guanajuato, Gto., México
12:45-13:15	Dr. Alejandro de las Peñas. “Oxidative stress and adherence in the fungal pathogen <i>Candida glabrata</i> .” División de Biología Molecular, Instituto Potosino de Investigación Científica y Tecnológica, San Luis Potosí, México
13:15-13:45	Dr. Javier Barrios González. “In search for the environmental stimuli that induce higher lovastatin production in solid-state fermentation: ROS regulate the pathway genes.” Biotechnology Department, Universidad Autónoma Metropolitana-Iztapalapa. México D.F., México
13:45-16:00	Lunch
16:00-17:00	Three talks by students, selected from abstracts – to be announced
17:00-19:00	Poster viewing and discussion 1
19:00-20:00	Business meeting of the Free Radicals and Oxidative Stress Branch of the Mexican Biochemical Society
20:00-22:00	Dinner
Friday, March 20th, 2014	
07:00-08:45	Workshop: Early Morning graduate course – day two “El rol del proteosoma en la eliminación de proteínas oxidadas.” Dr. Claudio Torres. Pathology and Laboratory Medicine Department. Drexel University, Philadelphia, USA.
08:45-10:00	Breakfast
	Topic: Free radicals and mitochondria
10:00-11:00	Three talks by students, selected from abstracts – to be announced
11:00-12:00	Invited Plenary Lecture. Dr. José Antonio Enríquez Domínguez. "Role of ROS in mitochondrial supercomplexes dynamics" Centro Nacional de Investigaciones Cardiovasculares Carlos III. Madrid, España.
12:00-12:15	Break
	Symposium: Free radicals in cell biology

12:15-12:45	Dr. Emilio Rojas. "Signaling pathways in response to xenobiotics" Departamento de Medicina Genómica y Toxicología Ambiental Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, México, D.F., México.
12:45-13:15	Dra. Emma Saavedra. "Metabolic modeling of the antioxidant pathway in <i>Trypanosoma cruzi</i> : in search of therapeutic targets". Instituto Nacional de Cardiología Ignacio Chávez, México, D.F., México.
13:15-13:45	Dr. Selva Rivas Arincibia. "Oxidative stress and neurodegenerative disease". Departamento de Fisiología, Facultad de Medicina, Universidad Nacional Autónoma de México, México, D.F., México.
13:45-16:00	Lunch
16:00-18:00	Poster viewing and discussion 2
18:00-19:00	Invited Plenary Lecture. Dr. Luis Cárdenas Torres "New approach to study hydrogen peroxide during polar growth, Hyper as a novel molecular probe". Instituto de Biotecnología, Universidad Nacional Autónoma de México, Cuernavaca, Morelos. México
19:00-21:00	Dinner
21:00	Cultural event – to be announced
Saturday, March 21th, 2015	
07:00-08:45	Workshop: Early Morning graduate course – day three "Aspectos metabólicos de la respuesta antioxidante" Dr. Emma Saavedra. Departamento de Bioquímica. Instituto Nacional de Cardiología, Ignacio Chávez. México D.F., México
08:45-10:00	Breakfast
	Topic: Free radicals and cell signaling
10:00-11:00	Invited Plenary Lecture. Dr. Claudio Torres. "Proteostasis, oxidative stress and senescence" Pathology and Laboratory Medicine Department. Drexel University, Philadelphia, USA.
11:00-12:00	Three talks by students, selected from abstracts – to be announced
12:00-12:15	Break
	Symposium: Oxidative stress and degenerative diseases
12:15-12:45	Dr. Abel Santamaria " Antioxidant and neuroprotective properties of S-alilcysteine,

	<p>an aged-garlic compound" Laboratorio de Aminoácidos Excitadores, Instituto Nacional de Neurología y Neurocirugía – S.S.A., México D.F. México</p>
12:45-13:15	<p>Dr. Ivonne Olivares-Corichi "Dysfunction of insulin by oxidative stress in diabetic and obese patients" Sección de estudios de posgrado e investigación, Escuela Superior de Medicina, IPN. México, D.F., México.</p>
13:15-13:45	<p>Dr. Guillermo Ceballos "Study of the flavanol (-)-epicatechin effects on oxidative markers in aged mice" Laboratorio de Investigación Integral Cardiometabólica, Escuela Superior de Medicina, IPN. México, D.F., México</p>
13:45-14:00	Closing remarks
14:00-16:00	Lunch