

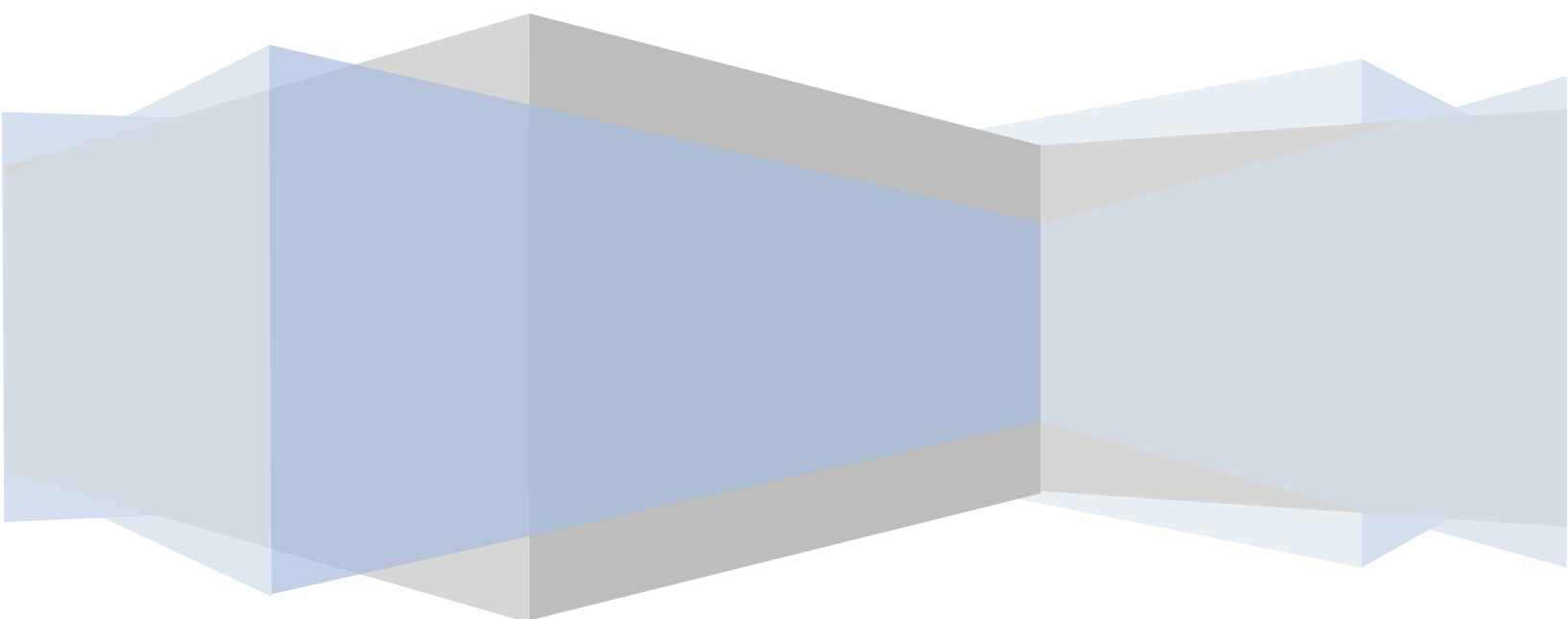
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**SOCIEDAD BOLIVIANA DE MUTAGENESIS, CARCINOGENESIS Y
TERATOGENESIS AMBIENTAL**

**XXV ALEXANDER
HOLLAENDER COURSE**
**“ENVIRONMENT BIOMONITORING APPLIED TO
HUMAN HEALTH ”**

April 18 -20, 2024

La Paz - Bolivia





INSTITUTIONS AND PARTICIPATING LABORATORIES

**Instituto de Genética (IG)
Facultad de Medicina- UMSA**

Unidad de Genética Toxicológica

**Departamento de Investigación y Postgrado (DIPGIS)
Universidad Mayor de San Andrés**

Sociedad Boliviana de Mutagénesis, carcinogénesis y teratogénesis ambiental (SBOMCTA)

Institute de Recherche pour le Developement (IRD)

La Paz - Bolivia

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Prof. Wilner Martinez (IIBCE-Uruguay) wilnermartinezlopez@gmail.com

SUPPORT FROM NATIONAL INSTITUTIONS

Genetics Institute, School of Medicine, Universidad Mayor de San Andrés

Institute of Molecular Biology and Biotechnology, Universidad Mayor de San Andrés

Department of Research and Graduate Studies, Universidad Mayor de San Andrés

Bolivian Society of Environmental Mutagenesis, Carcinogenesis and Teratogenesis (SBOMCTA)

LOCATION FOR THE COURSE: Genetics Institute – Medicine Faculty, La Paz, Bolivia



PROGRAM

Date	Time	Activity	Speaker
Apr, 18, 2024	8:00-9:00	Registration	
	9:00-9:20	Welcome	Dr Ximena Aguilar Director Genetic Institute
		Opening	Dr. David Mérida Dean Faculty of Medicine
	9:20 – 9:30	Hollaender Committee	Dr. Deborah Roubicek
	9:30-10:30	Inaugural conference Mutagenesis	Dr. David DeMarini
	10:30 – 10:45	Coffee break	
	10:45-11:35	Plenary Talk Application of the comet assay in environmental biomonitoring	Dr. Ana Leticia Hilario G.
	11:35-12:15	Workshop 1 How to write a paper	Dr. David DeMarini + Dr. Deborah Roubicek
	12:15-14:15	Lunch	
	14:15-16:00	Practical demonstration Specific DNA lesion detection by Comet Assay	Dr. Ana Leticia Hilario G.
	16:00-16:15	Coffee break	
	16:15- 18:30	Practical demonstration continue	Dr. Ana Leticia Hilario G.
	19:00	Welcome drink	

Date	Time	Activity	Speaker
Apr, 19, 2024	9:00 – 10:00	Plenary Talk Micronucleus in buccal cells Test for human health monitoring	Dr. Juliana Da Silva
	10:00-11:00	Plenary Talk Biomonitoring of populations exposed to environmental toxicants	Dr. Noemi Tirado
	10:00 – 11:15	Coffee break	
	11:15 – 12:15	Workshop 2 How to write a paper	Dr. David DeMarini + Dr. Deborah Roubicek
	12:15-14:15	Lunch	
	14:15- 16:00	Practical demonstration Micronucleus in buccal cells stains	Dr. Juliana da Silva
		Coffee break	
	16:15 – 18:30	Practical demonstration Micronucleus in lymphocytes	Dr. Noemi Tirado Dr. Jessika Barrón



Date	Time	Activity	Speaker
Apr, 20, 2024	9:00 – 10:00	Plenary Talk Genomic stability studies on radiation exposed workers	Dr. Wilner Martinez
	10:00-11:00	Plenary Talk Mutagen-induced telomere instability in human cells	Dr. Alejandro Bolsan
	10:00 – 11:15	Coffee break	
	11:15 – 12:15	Workshop 3 How to write a paper	Dr. David DeMarini + Dr. Deborah Roubicek
	12:15 – 12:30	Final discussion	Gloria Rodrigo
	12:30 – 12:45	Lunch	
	14:15- 16:00	Practical demonstration Telomers marker	Dr. Wilner Martinez Dr. Alejandro Bolsan
		Coffee break	
	16:15 – 17:00	Practical demonstration continue	
	17:15	Closing	

INTERNATIONAL INSTRUCTORS

- Wilner Martinez (Instituto de Investigaciones Biológicas Clemente Estable, Uruguay)
- Juliana da Silva (Lutheran University of Brazil (ULBRA) and at LaSalle University, Brasil)
- Alejandro Bolzan (Instituto multidisciplinario de Biología celular de La Plata – Argentina).
- Ana Leticia Hilario García (Toxicological Genetics group at ULBRA – Brasil)
- David DeMarini (Scientist Emeritus – USEPA)
- Deborah A. Roubicek (chair of the Hollaender International Outreach Committee – EMGS)

NATIONAL INSTRUCTORS

- Noemi Tirado Bustillos (Instituto de Genética – UMSA)
- Jessika Barrón Cuenca (Instituto de Genética – UMSA)

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