



SEGUNDA-FEIRA 03 DE JUNHO DE 2019

13:00 - 18:00	Credenciamento		
13:30 - 15:20	SALA C SATELLITE MEETING Germ cell mutation: legal requirements and evaluation 13:30 - 14:10 - David DeMarini (Human Germ-Cell Mutagens) 14:10 - 14:50 - Francesco Marchetti (Approaches for identifying germ cell mutagens) 14:50 - 15:20 - Juliana Machado Braz (Legal requirements on genetic toxicology in Brazil: Focus on Germ Cell mutation)		
15:00 - 16:00	Council Meeting		
15:20 - 15:40	BREAK		
15:40 - 17:00	SALA C SATELLITE MEETING Germ cell mutation: legal requirements and evaluation 15:40 - 16:10 - ANDEF (Impacts of germ cell mutation as a legal requirement in Brazil: The industry point of view) 16:10 - 16:30 - Izabel Villela (Is Brazil ready to evaluate germ cell mutagens as a legal requirement?) 16:30 - 17:00 - Discussion		
16:00 - 17:00	SALA A MUTAGEN SCHOOL 1 Sharbel Maluf (Genomic instability in chronic diseases)	SALA B MUTAGEN SERVICE 1 Lilian Cristina Pereira (Overcoming challenges with different cell cultures in 3D)	SALA E MUTAGEN SCHOOL 2 Paula Rohr e Grethel Leon-Mejia (Monitoring genetic damage in humans occupationally exposed with the micronucleus assay in exfoliated buccal cells)
18:00 - 18:30	MALBEC A Opening Session		
18:30 - 19:30	MALBEC A 30 years of MutaGen-Brasil - Past, present and future Catarina Satie Takahashi - João A. Pegas Henriques - Lucia Regina Ribeiro		
19:30 - 20:30	MALBEC A CONFERENCE 1 David DeMarini (Environmental Mutagenesis: Past and Present)		
20:30 - 22:30	Opening Cocktail		



TERÇA-FEIRA 04 DE JUNHO DE 2019

08:00 - 09:00	MALBEC A MUTAGEN SCHOOL 3 Rafael Dihl e Raíne Fogliati (The use of SMART test to evaluate natural and synthetic products)	MALBEC B MUTAGEN SCHOOL 4 Bruno do Amaral Crispim (Impacts of agricultural and urban activities on fish genotoxicity)	SALA A MUTAGEN SERVICE 2 Deborah A. Roubicek (Salmonella/microsome - Ames Test)
09:00 - 10:00	MALBEC A CONFERENCE 2 José M. Ordovás (Genomics and Epigenomics in Personalized Nutrition)	MALBEC B CONFERENCE 3 João Paulo Teixeira Fernandes (Use of Human Biomonitoring in Toxicology and Epidemiological Studies)	
10:00 - 10:15	BREAK		
10:20 - 12:00	MALBEC A SESSION 1 Natural and Synthetic Agents: DNA Damage and Repair 10:20 - 10:45 - Carlos Renato Machado (DNA repair in Trypanosoma cruzi: what we know, what we want to know) 10:45 - 11:10 - João A. Pegas Henriques (New features on Pso2 protein family in DNA interstrand cross-link repair and in the maintenance of genomic integrity in Saccharomyces cerevisiae) 11:10 - 11:35 - Helga Stopper (Induction of genotoxicity in human hematopoietic stem cells, lymphoblastoid TK6 cells and promyelocytic HL60 cells - influence of cell differentiation state) 11:35 - 12:00 - Alexandre Escargueil (New compounds and strategies to circumvent resistance to DNA targeting agents in the context of cancer)	MALBEC B SESSION 2 Response to DNA Damage (RDD) and Genomic Instability (GI) 10:20 - 10:45 - Francisco Bastos de Oliveira (Transcriptional Response to DNA Replication Stress) 10:45 - 11:10 - Leonardo Karam Teixeira (Cyclin E promotes replication stress and chromosome instability in human cell) 11:10 - 11:35 - Rodrigo Martins (Replicative stress response in central nervous system development) 11:35 - 12:00 - Marcus Bustamante Smolka (Exploring Signaling Networks for Novel DNA Repair Regulatory Mechanisms)	
12:00 - 14:00	LUNCH		

<p>14:00 - 15:40</p>	<p>MALBEC A SESSION 3 DNA damage, repair and cancer 14:00 - 14:25 - Nicolas Hoch (Role of protein ADP-ribosylation in DNA damage signalling and human disease) 14:25 - 14:50 - Tirzah Lajus (A portrait of germline mutation in patients at-risk for breast cancer in Brazil) 14:50 - 15:15 - Jean-Sébastien Hoffmann (DNA polymerase theta in Cancer Risk and Therapy) 15:15 - 15:40 - Mariano Martínez-Vázquez (Triterpenes with antitumor activity)</p>	<p>MALBEC B SESSION 4 Environmental Genotoxicity 14:00 - 14:25 - Vera Vargas (Biomarkers of genotoxicity as early protectors of biodiversity and human health) 14:25 - 14:50 - Rafael Dihl (Genotoxicity of secondary metabolites from cyanobacteria) 14:50 - 15:15 - Cesar Koppe Grisolia (An integrated approach for genotoxicity assessment of environmental contaminants) 15:15 - 15:40 - Viviane Souza do Amaral (Natural Radiation and Their Impact on Genome Instability: An Exposome Approach)</p>
<p>15:40 - 16:00 COFFEE BREAK</p>		
<p>16:00 17:40</p>	<p>MALBEC A SESSION 5 YOUNG RESEARCHER AWARD: THEMATIC AXES 1 AND 2 1. Environmental mutagenesis (environmental monitoring, mutagenesis of natural products, drugs, physical agents, country legislation) 2. Mutagenesis and human and animal health (human and animal biomonitoring, cancer, degenerative diseases, aging)</p>	<p>MALBEC B SESSION 6 YOUNG RESEARCHER AWARD: THEMATIC AXES 3 AND 4 3. Genomic instability and DNA repair 4. Modulation of mutagenicity and Nutrigenomics (antimutagenesis, anticarcinogenesis, modulation of gene expression by micronutrients)</p>
<p>17:40 - 18:00</p>	<p>CARMENÈRE POSTER SESSION 1</p>	
<p>19:00 - 12:00</p>	<p>NIGHT WITH SCIENCE Lucas Helal e Carlos Frederico Martins Menck (How to reduce the avoidable waste in research and to stay away of predatory/deceptive journals.)</p>	

QUARTA-FEIRA 05 DE JUNHO DE 2019

08:00 - 09:00	MALBEC A MUTAGEN SCHOOL 5 Fernanda Rabaioli da Silva (Applications of the system toxicology tools in genotoxicology)	MALBEC B MUTAGEN SCHOOL 6 Lyda Espitia-Pérez (Endo III and FPG high-throughput comet assay for the analysis of oxidative damage)	SALA A MUTAGEN SERVICE 3 Izabel Villela e Miriana Machado (In vitro Micronucleus Assay: Advantages and Challenges)
09:00 - 10:00	MALBEC A CONFERENCE 4 Carlos Frederico Martins Menck (UVA light induces DNA damage and its effects on human DNA repair deficient cells)	MALBEC B CONFERENCE 5 Hilda A. Pickett (Telomere length and human disease)	
10:00 - 10:15	BREAK		
10:20 - 12:00	MALBEC A SESSION 7 Mechanisms that Influence and Regulate Telomere Size 10:20 - 10:45 - Michael Fenech - Video conference (Nutrients, Genes and their interaction in the maintenance of Telomere integrity) 10:45 - 11:10 - Vivian Kahl (Telomere length measurements and their applications) 11:10 - 11:35 - Caroline Bull (The impact of psychological stress, dietary factors and lifestyle on telomere and genome integrity) 11:35 - 12:00 - Manoor Prakash Hande (Role of DNA repair factors in telomere integrity and genome maintenance in mammalian cells under oxidative stress)	MALBEC B SESSION 8 Congenital Zika syndrome 10:20 - 10:45 - Lavínia Schuler-Faccini (Zika Virus: a new teratogen in humans) 10:45 - 11:10 - Lucas Rosa Fraga (Animal models for Zika virus teratogenesis: what do they tell us?) 11:10 - 11:35 - Walter Orlando Beys da Silva (A proteomic approach on Zika virus infection reveals a potential link to neurological disorders and brain diseases) 11:35 - 12:00 - José Xavier Neto	
12:00 - 14:00	LUNCH		



<p>14:00 - 15:40</p>	<p>MALBEC A SESSION 9 Application of Genotoxicity in Safety Assessment of Pharmaceutical Impurities 14:00 - 14:25 - Andrew Teasdale - Video Conference 14:25 - 14:50 - Miriana Machado (Genotoxicity Evaluation of Drug Impurities: Brazilian Regulatory Aspects) 14:50 - 15:15 - Mariah Ultramari (Assessment of the genotoxic potential of pharmaceutical impurities – An industry perspective) 15:15 - 15:40 - Alex Cayley (Use of in silico tools in the context of the ICH M7 guidelines)</p>	<p>MALBEC B SESSION 10 How do eating behaviors and folk medicine affect mutagenicity? 14:00 - 14:25 - Vanessa Moraes Andrade (Brazil nut consumption as adjuvant in the treatment of type 2 diabetes mellitus: modulation of genomic and biochemical instability) 14:25 - 14:50 - Siegfried Knasmüller (The effects of weight loss and dietary factors on obesity induced DNA damage) 14:50 - 15:15 - Wilner Martinez (Medicinal plant extracts: DNA damage and role in cancer chemosensitizer in vitro) 15:15 - 15:40 - Ilce Mara de Syllos Cólus (How Mutagenesis can help safe use of medicinal plants?)</p>
<p>15:45 - 16:00</p>	<p>COFFEE BREAK</p>	
<p>16:00 - 17:00</p>	<p>CARMENÈRE POSTER SESSION 2</p>	
<p>17:00 - 19:00</p>	<p>MALBEC A MUTAGEN-BRASIL ASSEMBLY</p>	
<p>20:30 - 24:00</p>	<p>MUTAGEN DINNER 30 YEARS</p>	



QUINTA-FEIRA 06 DE JUNHO DE 2019

09:00 - 10:00	MALBEC A CONFERENCE 6 Paul White (Quantitative Analyses of Genetic Toxicity Dose-response Data – From Potency Determination to Risk)	MALBEC B CONFERENCE 7 Marcus Bustamante Smolka (Deconstructing DNA Damage Signaling: From Basic Biology to Cancer Therapy)
10:00 - 10:15	BREAK	
10:15 - 12:00	MALBEC A SESSION 11 Non-animal methods and implementation of genotoxicity assessment strategies 10:20 - 10:45 - Izabel Villela (Alternative Methods to Animal Use in Brazil) 10:45 - 11:10 - Márcio Lorencini (Alternative methods for cosmetics - evaluation) 11:10 - 11:35 - Rodrigo de Vecchi (3D Skin Model in Brazil: Challenges and opportunities) 11:35 - 12:00 - Alessandra de Mello Aguiar (Análise de micronúcleos por high content imagING)	MALBEC B SESSION 12 Biological responses to environmental contaminants 10:20 - 10:45 - Radha Saraswathy (Analysis of oxidative stress in diabetes patients with obesity) 10:45 - 11:10 - Fernando Barbosa Jr. 11:10 - 11:35 - Maria Eugenia Gonsebatt (Gestational exposure to arsenite: altered glutamate disposition and memory impairment) 11:35 - 12:00 - Marcelo Farina (Mechanisms mediating methylmercury-induced neurotoxicity)
12:00 - 12:30	MALBEC A YOUNG SCIENTISTS AWARDS AND POSTERS (BY SUBJECT AREA) & CLOSING	
13:30 - 18:00	CULTURAL ACTIVITY - BY MEMBERSHIP	

As atividades **MUTAGEN SCHOOL** e **MUTAGEN SERVICE** serão apresentadas em Português, as demais atividades do congresso serão em inglês e sem tradução.