



MONDAY, JUNE 3, 2019

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| 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) | | |
| 15:20 - 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 Lílian 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 | | |



| TUESDAY JUNE 4, 2019 | | | |
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| 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 (Nutrition and Genomics) | 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 | | |



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| <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</p> | <p>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</p> | |

WEDNESDAY, 05 JUNE 2019

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| 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 - Manoor Prakash Hande (Role of DNA repair factors in telomere integrity and genome maintenance in mammalian cells under oxidative stress) 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 - Michael Fenech - Video conference (Nutrients, Genes and their interaction in the maintenance of Telomere integrity) | 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 - Patricia Garcez 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 | | |



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| 14:00 - 15:40 | <p>MALBEC A SESSION 9</p> <p>Application of Genotoxicity in Safety Assessment of Pharmaceutical Impurities</p> <p>14:00 - 14:25 - Miriana Machado (Genotoxicity Evaluation of Drug Impurities: Brazilian Regulatory Aspects)</p> <p>14:25 - 14:50 - Antonio Anax Falcão de Oliveira (Assessment of the genotoxic potential of pharmaceutical impurities – An industry perspective)</p> <p>14:50 - 15:15 - Alex Cayley (Use of in silico tools in the context of the ICH M7 guidelines)</p> <p>15:15 - 15:40</p> | <p>MALBEC B SESSION 10</p> <p>How do eating behaviors and folk medicine affect mutagenicity?</p> <p>14:00 - 14:25 - Lusânia Gregg Antunes (Differences in gene expression associated with micronutrients)</p> <p>14:25 - 14:50 - Siegfried Knasmüller (The effects of weight loss and dietary factors on obesity induced DNA damage)</p> <p>14:50 - 15:15 - Wilner Martínez (Medicinal plant extracts: DNA damage and role in cancer chemosensitizer in vitro)</p> <p>15:15 - 15:40 - Ilce Mara de Syllós Cólus (How Mutagenesis can help safe use of medicinal plants?)</p> |
| 15:45 - 16:00 | COFFEE BREAK | |
| 16:00 - 17:00 | CARMENÈRE POSTER SESSION 2 | |
| 17:00 - 19:00 | MALBEC A MUTAGEN-BRASIL ASSEMBLY | |
| 20:30 - 24:00 | MUTAGEN DINNER 30 YEARS | |

