

**BIOCHEMISTRY AND MOLECULAR BIOLOGY SEMINAR SERIES**

Departamento de Bioquímica - Instituto de Química – USP

**1<sup>st</sup> SEMESTER – 2021 THURSDAYS – 16:00h****Google Meet link:** [meet.google.com/usg-zqiy-eyx](https://meet.google.com/usg-zqiy-eyx)

<b>Apr/08</b>	<b>Mário Murakami</b> Laboratório Nacional de Biorenováveis (LNBR), CNPEM	Unveiling distinctive mechanisms of recognition and cleavage of plant polysaccharides
<b>Apr/15</b>	<b>Christof Gebhardt</b> Institut für Biophysik Universität Ulm, Germany	Quantitative single molecule imaging in living cells and organisms
<b>Apr/22</b>	<b>Tábita Hünemeier</b> Departamento de Genética e Biologia Evolutiva, Instituto de Biociências, USP	Native American Local Adaptation to the Amazonian Rainforest
<b>Apr/29</b>	<b>Hannah S. Shafaat</b> Department of Chemistry and Biochemistry, Ohio State University, USA	“Metalling” with Nature: Harnessing Bioinorganic Chemistry for Small Molecule Activation
<b>May/06</b>	<b>Daniel Kearns</b> Department of Biology, Indiana University, USA	Swarming motility and flagellar cell biology in <i>Bacillus subtilis</i> .
<b>May/13</b>	<b>Ana Azambuja</b> Department of Molecular Biology and Genetics, Cornell University, USA	The connectome of neural crest enhancers reveals regulatory features of signaling systems
<b>May/20</b>	<b>Monica Pupo</b> Departamento de Ciências Farmacêuticas, Faculdade de Ciências Farmacêuticas de Ribeirão Preto - USP	Deciphering chemical signals in insect-microbe symbiosis
<b>May/27</b>	<b>Maira Harume Nagai</b> Department of Molecular Genetics and Microbiology, Duke University, USA	Smelling sulfur in Wilson's disease: how does copper metabolism affect olfaction?
<b>June/03</b>	<b>Corpus Christi</b>	<b>Holiday</b>
<b>June/10</b>	<b>Julio Aguirre-Ghiso</b> Icahn School of Medicine at Mount Sinai, New York, USA	The impact of disseminated cancer cell dormancy on the paradigm of metastasis
<b>June/17</b>	<b>Tinna V. Stevnsner</b> Department of Molecular Biology and Genetics, Aarhus University, Denmark	Base excision repair in aging
<b>June/24</b>	<b>Marcelo Comini</b> Institut Pasteur de Montevideo	Development and exploration of the thiol-redox biochemistry of trypanosomatids using fluorescent protein-based biosensors
<b>July/01</b>	<b>Joanne Engel</b> Department of Medicine, University of California, San Francisco, USA	Coming in for a landing: <i>Pseudomonas aeruginosa</i> deploys mechanotaxis to move on solid surfaces and activate an acute virulence program