

**BIOCHEMISTRY AND MOLECULAR BIOLOGY SEMINAR SERIES**  
Departamento de Bioquímica - Instituto de Química – USP  
**1st SEMESTER – 2024 THURSDAYS – 16 h**  
**Paschoal Senise Amphitheater**

<b>Dates</b>	<b>Speaker</b>	<b>Title</b>	<b>Chair</b>	
March /14	Jessica Houston (New Mexico State University, USA)	Metabolic mapping with high-throughput flow cytometry	Henning	
March/21	Osvaldo Rodrigues Pereira Junior (IQ-USP)	Mitochondrial ATP-Sensitive K <sup>+</sup> Channels as Regulators of Brown Adipocyte Metabolism.	Alicia	
March/28	Cristiane Calixto (IB-USP)	The alternative message of the plant transcriptome in response to temperature changes	Hotta	
April/04	Mychael Lourenco (UFRJ)	Molecular mechanisms of memory loss in Alzheimer's disease	Danilo	
April/11	Larissa Dias da Cunha (FMRP-USP)	Regulation of macrophage function at the cell trafficking crossroads	Aline	
April/18	Vadim Viviani (UFSCAR)	Biochemical origins and Evolution of bioluminescence in Arthropods	Diana (aluna)	
April/25	Letícia Roma (Saarland University, Germany)	Redox changes in health and disease: new tools bring new insights	Alicia	
May/02	Lyvia Petiz (UFPR)	TBA	Natália (aluna)	
May/09	Solange Serrano	Omics analyses of Bothrops snakes: venom and	Marcelo	

	(Instituto Butantan)	pathogenesis of envenomation.		
May/16	Roland Lill (Philipps-Universität, Germany)	Molecular mechanisms of iron-sulfur protein biogenesis	Carla	
May/23	Ken Daniel Inaoka (The University of Tokyo, Japan)	Bioenergetics as target to combat infectious diseases	Guilherme	
May/30	<b>Holiday</b>	<b>No seminar</b>		
June/06	Anthony Vechiarelli (University of Michigan, USA)	Yes! Bacteria have organelles! How are they organized?	Frederico	
June/13	Olga Vitek* (Northeastern University, USA)	Multilevel statistical modeling of quantitative proteomic experiments with complex designs	João Setúbal	
June/20	Marcio Castro (FAPESP)	A FAPESP e a ciência do Estado de Sao Paulo	Pio	
June/27	Evandro Araujo de Souza (IQ-USP)	Neuronal regulation of proteostasis and longevity through the UPR(ER) pathway	Danilo	

Speakers marked with \* will present online, but seminar attendance will be held in person.