

<u>Session</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
21/05/2023			
Opening	HBPP Steering Committee		Welcome and Introduction
Session 1	Thomas Montine	Stanford, USA	Resilience to Alzheimer's Disease Dementia
<u>Neurodegenerative Disorders 1</u>	Mychael Lourenço	UFRJ, Brazil	Impaired brain translational control in Alzheimer's disease and major depression
<i>Chair: Melanie Föcking</i>	Stephanie M. Cologna	UIC, USA	Integrated Proteomics and Lipidomics Reveals Novel Insight in Niemann-Pick Type C
	Yraima Cordeiro	UFRJ, Brazil	Copper ions drive prion protein phase separation and modulate aggregation



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22/05/23			
Session 2	Luisa Pieroni	UniCamillus, Italy	Childhood trauma and cocaine abuse: what plasma proteomics can teach us
<u>Tissue and Biofluid Omics</u>	Léo Kei Iwai	I. Butantan, Brazil	Proteomic approaches to study the snake venom effect in mouse brain
<i>Chair: Peter Nilsson</i>	Adriano Silva Sebollela	USP, Brazil	Molecular responses to neurotoxic challenges in adult human brain slice cultures
	Livia Goto-Silva	IDOR, Brazil	Psychedelic signatures and new ventures for drug screening using proteomics
Session 3	Melanie Föcking	RSCI, Ireland	Proteomics Tackling Psychosis as a Pathway disorder – fishing for complement
<u>Psychiatric Disorders</u>	Oliver Schubert	U. Adelaide, Australia	Using “omics” to understand treatment response and treatment resistance in psychiatry
<i>Chair: Daniel Martins-de-Souza</i>	Matthew MacDonald	U. Pittsburgh, USA	Multilevel Proteomic Investigations of Dendritic Spine Loss in Schizophrenia
Lunch + Beach Break: 12:30-16:00			



<u>Session</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
Technical Presentation 1	Viviane Nascimento	Waters Co. Brazil	Waters Corporation Technical Presentation
<i>Chair: Licia C Silva-Costa, MSc</i>			
Session 4	Tiziana Alberio	U. Insubria, Italy	Addressing microglial dysfunction in Alzheimer Disease: a role for endocannabinoid signaling in immunosenescence
<u>Neurodegenerative Disorders 2</u>	Helen Miranda	Case U. USA	Using human stem cells to model cell and molecular mechanisms of motor neuron diseases
<i>Chair: Oliver Schubert</i>	Victor Corasolla Carregari	Unicamp, Brazil	Diving into the proteomic atlas of SARS-CoV-2 infected cells
	Magno Junqueira	UFRJ, Brazil	Use of patient-derived induced pluripotent stem cells (iPSC) to study neurodisorders
	Fábio Klamt	UFRGS, Brazil	Redox Proteome identifies oxi-cofilin-1 as a major player in oxidant-induced apoptosis and a potential therapeutic target for Parkinson's disease
Themed Dinner Party			



<u>Session</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
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Technical Presentation 2	Luiz Fernando Santos	Nova Analítica, Brazil	Thermo Fisher / Nova Analítica Technical Presentation
<i>Chair: Livia Ramos, BSc</i>	Graciela Gomes	Allcrom, Brazil	Mitra: A Microsampling Solution for Proteomics and Beyond
Session 5	Peter Nilsson	KTH, Sweden	Affinity proteomics applied to neuroproteomics, autoantibody profiling, and multiplex serology
<u>Antibody-based proteomics</u>	Jochen Schwenk	LifeSciLab, Sweden	The architecture of the circulating proteome - lessons and opportunities for studies of neurological diseases
<i>Chair: Daniel Martins-de-Souza</i>			



<u>Session</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
Session 6	Carol Brandão Teles Rodrigues	Unicamp, Brazil	The roles of hnRNPs in oligodendrocytes and their implications in schizophrenia
<u>Student Session</u>	August Jernbom Falk	LifeSciLab, Sweden	The post-COVID associated autoantibody repertoire
<i>Chair: Bradley Smith, MSc</i>	Sara Mravinacova	LifeSciLab, Sweden	CSF protein pairs adjust for individual variability and efficiently separate AD affected from nonaffected individuals
	Amanda Morato do Canto	Unicamp, Brazil	Synaptosome analysis of brain tissue from patients with pharmaco-resistant mesial temporal lobe epilepsy
Voted Winner of the Student Session:	Carol Brandão Teles Rodrigues		
Check-Out:12:00			



Event Organization Committee: Dr. Daniel Martins de Souza; Dr. Victor C. Carregari; Bradley J. Smith, MSc; Licia C. Silva-Costa, MSc; Livia Ramos da Silva, BSc; Laboratory of Neuroproteomics, UNICAMP