

**1º SIMPÓSIO DE IMAGEM MOLECULAR DO LIM-43 HCFMUSP
AVANÇOS E DESAFIOS NAS DOENÇAS NEURODEGENERATIVAS
10 ANOS DA PRIMEIRA IMAGEM AMILOIDE NO BRASIL**

PROGRAM - SEPTEMBER 11th

Module 1				
08:00-08:30	RECEPTION	Accreditation & Welcome Coffee	Carlos Buchpiguel Geraldo Busato Sonia Brucki	Universidade de São Paulo, São Paulo, Brazil Universidade de São Paulo, São Paulo, Brazil
08:30-09:00	Opening	Presentation of the Division of Nuclear Medicine & LIM43 HCFMUSP	Artur Coutinho	Universidade de São Paulo, São Paulo, Brazil
09:00-09:35	Lecture	Amyloid PET imaging at HCFMUSP: how the adventure started and overview of collaborations with the Institute of Psychiatry	Daniele de Paula Faria	Universidade de São Paulo, São Paulo, Brazil Universidade de São Paulo, São Paulo, Brazil
09:35-10:05	Lecture	Current research and perspectives - Department of Neurology	Four selected studies	
10:05-10:45	BREAK			
10:45-11:15	Lecture	Results of recent molecular neuroimaging studies at HCFMUSP -clinical		
11:15-11:45	Lecture	Results of recent molecular neuroimaging studies at HCFMUSP -translational		
11:45-12:30		Oral presentations		
12:30-13:30	LUNCHTIME			
Module 2 Plenary Sessions - the State of the Art				
13:30-14:10	Lecture	Biomarkers in research - overview	Pedro Rosa Neto	McGill University, Montreal, Canada
14:10-14:50	Lecture	What is a degenerative disease? Concepts beyond the theory of proteinopathies	David Jones	Mayo Clinic, Rochester, Minnesota, USA (online)
14:50-15:30	BREAK	Coffee Break		
15:30-16:10	Lecture	Artificial Intelligence in Molecular Imaging - Prediction of Pathologies	David Jones	Mayo Clinic, Rochester, Minnesota, USA (online)
16:10-16:50	Lecture	Down Syndrome - A Human Model of a Neurodegenerative Disease		
16:50-17:30	Discussion/Roundtable	What is the future of neuroimaging?	Juan Fortea All Speakers	Hospital de la Santa Creu i Sant Pau, Barcelona, Spain
17:30	Posters Presentation			

PROGRAM - SEPTEMBER 12th

Module 3: Perspectives for the Near Future				
Visit (selected attendees and speakers) 8:00				
10:00-10:30	Lecture	FDG PET - from the clinic to the study of networks	Artur Coutinho / Eduardo Zimmer (15/15)	
10:30-11:00	Lecture	Neuroinflammation: From Pathophysiology to Treatment	Eduardo Zimmer	Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil
11:00-11:30	Lecture	Most promising biomarkers	Pedro Rosa Neto	McGill University, Montreal, Canada
11:30-12:00	Lecture	Research Perspectives on Down Syndrome	Daniele Faria / Juan Fortea (15/15) Danielle Macedo	Universidade Federal do Ceará, Fortaleza, Brazil
12:00-12:30	Lecture	Cellular Nanovesicles as a Source of Biosignatures for Alzheimer's Disease	All Speakers	
12:30-13:00	Discussion/Roundtable		Carlos Buchpiguel	
13:00-13:10	Closing			
13:10-13:15				
13:15-14:15	LUNCH TIME			
Module 4: Young Researchers / Mentoring / Collaboration Networks / Funding				
14:15-14:45	Discussion (museum)	Perspectives for Young Scientists in Molecular Imaging	Speakers & Selected Attendees	
14:45-15:20	Discussion (museum)	Mentoring & Collaboration Networking	Speakers & Attendees	
15:20-16:00	BREAK			
16:00-17:00	Workshop to younger researchers and students	Possibilities and perspectives for research funding	Marco Antonio Zago FAPESP / Alzheimer Association Stefania Forner - University of California, Irvine	Português