

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

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|-------|-------|---|------------------------|--|--|
| 08:00 | 08:30 | Accreditation & Welcome Coffee | | Universidade de São Paulo, São Paulo, Brazil | Universidade de São Paulo, São Paulo, Brazil |
| 08:30 | 09:00 | Presentation of the Division of Nuclear Medicine & LIM43 HCFMUSP | Carlos Buchpiguel | | Universidade de São Paulo, São Paulo, Brazil |
| 09:00 | 09:35 | Amyloid PET imaging at HCFMUSP: how the adventure started and overview of collaborations with the Institute of Psychiatry | Geraldo Busatto | | Universidade de São Paulo, São Paulo, Brazil |
| 09:35 | 10:05 | Current research and perspectives - Department of Neurology | | | |
| 10:05 | 10:45 | Coffee Break | | | |
| 10:45 | 11:15 | Results of recent molecular neuroimaging studies at HCFMUSP -clinical | Artur Coutinho | | |
| 11:15 | 11:45 | Results of recent molecular neuroimaging studies at HCFMUSP -translational | Daniele de Paula Faria | | |
| 11:45 | 12:30 | Oral presentations | Four selected studies | | |
| 12:30 | 13:30 | Lunch Time | | | |

Module 2 Plenary Sessions - the State of the Art

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|-------|-------|---|-----------------|--|---|
| 13:30 | 14:10 | Biomarkers in research - overview | Tharick Pascoal | | University of Pittsburgh School of Medicine, Pittsburgh PA, USA |
| 14:10 | 14:50 | What is a degenerative disease? Concepts beyond the theory of proteinopathies | David Jones | | Mayo Clinic, Rochester, Minnesota, USA (online) |
| 14:50 | 15:30 | Coffee Break | | | |
| 15:30 | 16:10 | Artificial Intelligence in Molecular Imaging - Prediction of Pathologies | David Jones | | Mayo Clinic, Rochester, Minnesota, USA (online) |
| 16:10 | 16:50 | Down Syndrome - A Human Model of a Neurodegenerative Disease | Juan Fortea | | |
| 16:50 | 17:30 | What is the future of neuroimaging? | 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

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| 10:00 | 10:30 | FDG PET - from the clinic to the study of networks | Artur Coutinho / Eduardo Zimmer (15/15) | | |
| 10:30 | 11:00 | Neuroinflammation: From Pathophysiology to Treatment | Eduardo Zimmer | | Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil |
| 11:00 | 11:30 | Most promising biomarkers | Tharick Pascoal | | University of Pittsburgh School of Medicine, Pittsburgh PA, USA |
| 11:30 | 12:00 | Research Perspectives on Down Syndrome | Juan Fortea (15/15) | | Universidade Federal do Ceará, Fortaleza, Brazil |
| 12:00 | 12:30 | Cellular Nanovesicles as a Source of Biosignatures for Alzheimer's Disease | Danielle Macedo | | |
| 12:30 | 13:00 | Discussion Roundtable | All Speakers | | |
| 13:00 | 13:10 | Closing | Carlos Buchpiguel | | |
| 13:10 | 14:15 | Lunch Time | | | |

Module 4: Young Researchers / Mentoring / Collaboration Networks / Funding

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| 14:15 | 14:45 | Perspectives for Young Scientists in Molecular Imaging | Speakers & Selected Attendees | | |
| 14:45 | 15:20 | Mentoring & Collaboration Networking | Speakers & Attendees | | |
| 15:20 | 16:00 | Coffee Break | | | |
| 16:00 | 17:00 | Workshop - Possibilities and perspectives for research funding | Marco Antonio Zago FAPESP Stefania Forner - Alzheimer Association | | Português |