



HUMAN BRAINS
PRESERVING THE BRAIN. FORUM ON NEURODEGENERATIVE DISEASES
 FONDAZIONE PRADA, MILANO 2022

Scientific Programme of the Conference
First day, 6 October 2022

8:30	9:00		Opening Message	M. Prada (President Prada Foundation) G. Comi (Scientific Director Human Brains) Claudio Bassetti (President European Academy of Neurology)	
9:00	10:30		Session 1	Neurodegenerative diseases: Epidemiology and risk factors Fabrizio Tagliavini (Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano)	
9:00	9:20		Lecture 1	<i>Introductory remarks</i> Kristine Yaffe (UCSF, San Francisco)	
9:20	9:40		Lecture 2	<i>Aging and risks for dementias</i> Monique Breteler (DZNE, Bonn)	
9:40	10:00		Lecture 3	<i>Modifiable risks</i> Alberto Ascherio (Harvard Medical School, Boston)	
10:00	10:30		Open discussion	<i>Microbioma</i> Hartmuth Wekerle (Max Planck, Munich) <i>Microbioma</i> Sergio Baranzini (UCSF, San Francisco)	
10:30	11:00		Coffée break		



11:00	12:30		Session 2	Genetic and Epigenetic Sergio Baranzini (UCSF, San Francisco)	
11:00	11:20		Lecture 1	<i>Dementias</i> John Hardy (UCL, London)	
11:20	11:40		Lecture 2	<i>Movement disorders</i> Alexis Brice (ICM, Paris)	
11:40	12:00		Lecture 3	<i>Multiple sclerosis</i> Jorge Oksenberg (UCSF, San Francisco)	
12:00	12:30		Open discussion	<i>Parkinson disease</i> Thomas Gasser (DZNE, Bonn) <i>Dystonias</i> Taiji Tsunemi (Juntendo University, Tokyo)	
12:30	14:00		Exhibition visit and lunch		

14:00	15:30		Session 3	Molecular and cellular mechanisms in ageing and neurodegenerative diseases 1 Pierluigi Nicotera (DZNE, Bonn)	
14:00	14:20		Lecture 1	<i>Proteostasis Mechanisms in Aging and Neurodegenerative Diseases</i> Rick Morimoto (Rice Institute for Biomedical Research, Chicago)	
14:20	14:40		Lecture 2	<i>Mitochondria</i> Nils-Göran Larsson (Karolinska Institute, Stockholm)	
14:40	15:00		Lecture 3	<i>Brain metabolism</i> Jens Bruning (Max Planck Institute, Munich)	



15:00	15:30		Open discussion	<p><i>Synaptic dysfunction</i> Monica Diluca (Università Statale, Milan)</p> <p><i>Autophagy – PD mitophagy</i> Helen Plun Favreau (UCL, London)</p>	
15:30	16:00		Coffée break		

16:00	17:30		Session 4	<p>Molecular mechanisms in ageing and neurodegenerative diseases 2</p> <p>Fredrik Piehl (Karolinska Institute, Stockholm)</p>	
16:00	16:20		Lecture 1	<p><i>Immunotherapy to defeat Alzheimer's disease: A transformative understanding of brain immunity</i> Michal Schwartz (Weizmann Institute, Tel Aviv)</p>	
16:20	16:40		Lecture 2	<p><i>Innate immunity</i> Katerina Akassoglou (UCSF, San Francisco)</p>	
16:40	17:00		Lecture 3	<p><i>Proteinopathies</i> Mathias Jucker (DZNE, Bonn)</p>	
17:00	17:30		Open discussion	<p><i>Role of glial cells</i> Jack Antel (MC Gill, Canada)</p> <p><i>The lesson of age - related macular degeneration</i> Brian Hafler (Yale, USA)</p>	
17:30	18:00		Key note 1	<p><i>Pathology of neurodegenerative disease: the basis for the understanding of disease mechanism</i> Hans Lassmann (Center for Brain Research at the Medical University, Wien)</p>	



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19:30	22:00		Working dinner	Preserving the Brain: a global campaign on modifiable risk factors
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Scientific Programme (TBC) of the Conference
Second day, 7 October 2022

8:30	9:00		Key note 2 <i>Neurodegenerative disorders and sterile inflammation : Microglia</i> Michael Heneka (Luxembourg Centre for Systems Biomedicine (LCSB))	
9:00	10:30		Session 5	Clinical outcomes in phase II-III Clinical Trials Giovanni Frisoni (Centre de la mémoire, Geneva University Hospital, Clinical Neurosciences, University of Geneva)
9:00	9:20		Lecture 1	<i>Dementia</i> Jeffrey Cummings (University of Nevada, Las Vegas)
9:20	9:40		Lecture 2	<i>Targeting the glucocerebrosidase pathway: a paradigm for slowing Parkinson disease</i> Tony Schapira (UCL, London)
9:40	10:00		Lecture 3	<i>Multiple sclerosis</i> Xavier Montalban (Multiple Sclerosis Centre of Catalonia – Cemcat, Barcelona)
10:00	10:30		Open discussion	<i>ALS</i> Vincenzo Silani (Università degli Studi di Milano)



				<i>Fronto-temporal dementia</i> Nan Zhang (Tianjin Medical University, Tianjin)	
10:30	11:00		Coffée break		

11:00	12:30		Session 6	Biomarkers in phase II-III Clinical Trials in neurodegenerative diseases Philip Scheltens (University Medical Center, Amsterdam)	
11:00	11:20		Lecture 1	<i>MRI</i> Giovanni Frisoni (Centre de la mémoire, Geneva University Hospital, Clinical Neurosciences, University of Geneva)	
11:20	11:40		Lecture 2	<i>PET</i> Daniela Perani (UniSR, Milan)	
11:40	12:00		Lecture 3	<i>Body fluids</i> Henrik Zetterberg (UCL, London)	
12:00	12:30		Open discussion	<i>Microvesicles</i> David Leppert (University Hospital, Basel) <i>Biomarkers in NMOSD and MOGAD</i> Fu- Dong Shi (Tianjin Medical University, Tianjin)	
12:30	13:00		Key note 3 <i>Clinical trials design to accelerate therapy</i> Randall Bateman (St. Louis University, Washington)		
13:00	14:00		Exhibition visit and lunch		



14:00	15:30		Session 7	Pharmacological treatment David Hafler (YALE, USA)	
14:00	14:20		Lecture 1	<i>Dementias</i> Cath Mummery (UCL, London)	
14:20	14:40		Lecture 2	<i>Parkinson's disease</i> Per Svenningsson (Karolinska Institute, Stockholm)	
14:40	15:00		Lecture 3	<i>Multiple Sclerosis</i> Stephen Hauser (USCF, San Francisco)	
15:00	15:30		Open discussion	<i>ALS</i> Adriano Chiò (Università degli Studi di Torino) <i>Huntington disease</i> Alexandra Durr (ICM, Paris)	
15:30	16:00		Coffée break		

16:00	17:30		Session 8	Other interventions Alberto Albanese (Humanitas Research Hospital, Milan)	
16:00	16:20		Lecture 1	<i>Gene therapy</i> Luigi Naldini (San Raffaele Hospital, Milan)	
16:20	16:40		Lecture 2	<i>The impact of cell therapies in neurodegenerative disorders: progressive multiple sclerosis and beyond</i> Stefano Pluchino (Cambridge Biosciences Campus, UK)	
16:40	17:00		Lecture 3	<i>Rehabilitation - Neuromodulation</i> Letizia Leocani (UniSR, Milan)	



17:00	17:30		Open discussion	<i>Brain stimulation in amyotrophic lateral sclerosis</i> Vincenzo di Luzzaro (Università Campus Bio-medico, Rome) <i>DBS in Parkinson</i> Hagai Bergman (Institute of Medical Research, Israel)	
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17:30	18:45		Round table Together to accelerate therapy for neurodegenerative diseases		
18:45	19:00		Concluding remarks and future actions		
<i>19:00</i>	<i>20:00</i>		<i>Farewell cocktail</i>		
20:00	22:00		Social event		