

BRAIN & BRAIN PET 2022 Programme

Please note the programme is subject to change.

Sunday, May 29, 2022

	Aish	Boisdale	Carron	Exhibition Hall/ Other Areas
9:00 AM - 10:30 AM	Cutting-edge technologies for understanding cerebral microcirculation functions - Part I	Towards translation: Improving the pre-clinical stroke pipeline - Part I	BIDS PET hackathon - Part I	
10:30 AM - 11:00 AM				Sunday Morning Break
11:00 AM - 12:30 PM	Cutting-edge technologies for understanding cerebral microcirculation functions - Part II	Towards translation: Improving the pre-clinical stroke pipeline - Part II	BIDS PET hackathon - Part II	
12:30 PM - 1:30 PM				Sunday Lunch Break
1:30 PM - 3:00 PM	How to be an effective manager of a biomedical research laboratory - Part I	Exploring other animal models of cerebrovascular injury and disease - Part I	Total Body PET: a game changer or overkill for brain studies - Part I	
3:00 PM - 3:30 PM				Sunday Afternoon Break
3:30 PM - 5:00 PM	How to be an effective manager of a biomedical research laboratory - Part II	Exploring other animal models of cerebrovascular injury and disease - Part II	Total Body PET: a game changer or overkill for brain studies - Part II	
5:00 PM - 7:00 PM				Welcome Reception
5:30 PM - 7:00 PM				Exhibition & Poster Viewing

Monday, May 30, 2022

	Aish	Lomond Auditorium	Boisdale	Carron	Exhibition Hall/ Other Areas
8:30 AM - 10:00 AM	Symposium - Brain vasculature: architecture, collaterals and capillaries	BRAIN Oral - Ageing and dementia part 1 - alzheimer's disease	BRAIN Oral - Cerebral hemorrhage	Symposium - Progress in tau PET imaging	
10:00 AM - 10:30 AM	Flash Presentations - New insights into stroke pathomechanisms	Flash Presentations - Ageing and dementia Flash Presentations	Flash Presentations - Imaging cerebral metabolism and the cerebral vasculature on health and disease	Flash Presentations - MR imaging - New techniques and insight into cerebrovascular pathophysiology Flash Presentations	
10:30 AM - 11:30 AM					Monday Coffee Break AM
					Monday Poster Session 1 (AM)
11:30 AM - 12:30 PM		Opening/ Life Time Achievement Award			
12:30 PM - 1:30 PM		Maiken Nedergaard - Presidential Opening Lecture			

1:30 PM - 2:30 PM					Monday Lunch Break
1:40 PM - 2:00 PM	Industry Session: <u>Using Light-Sheet Microscopy to Study the Glymphatic System</u>				
2:00 PM - 2:30 PM		General Assembly			
2:30 PM - 4:00 PM	<u>Symposium - Cognitive declines in perioperative patients - multidisciplinary advances and perspectives</u>	<u>BRAIN Oral - Ageing and dementia Part 2 - vascular perspectives</u>	<u>BRAIN Oral - Cerebral ischemia part 1 - neuroimmunology & inflammation</u>	<u>PET Oral - New tracers</u>	
4:00 PM - 5:00 PM					Monday Coffee Break PM
					Monday Poster Session 1 (PM)
5:00 PM - 6:30 PM	<u>Symposium - Relationships between synaptic dysfunction, neuronal injury and tau PET in the course of alzheimer's disease</u>	<u>Symposium - Gut-brain axis in aging and neurodegeneration</u>	<u>BRAIN Oral - Cerebral metabolic regulation</u>	<u>PET Oral - Neurodegeneration and ageing</u>	
7:30 PM - 8:30 PM					Early Career Networking

Tuesday, May 31, 2022

	Alsh	Lomond Auditorium	Boisdale	Carron	Exhibition Hall/ Other Areas
8:30 AM - 10:00 AM	<u>Symposium - The extracellular fluids of the brain</u>	<u>BRAIN Oral - Cerebral ischemia part 2 - Basic pathomechanisms</u>	<u>BRAIN Oral - Exciting new insights into cerebrovascular function and blood flow</u>	<u>PET Oral - Advanced methods</u>	
10:00 AM - 10:30 AM	<u>Flash Presentations - Cerebral microcirculation and glymphatic flow</u>	<u>Flash Presentations - Cerebral ischemia - novel therapeutics</u>	<u>Flash Presentations - Brain pathophysiology and metabolism</u>	<u>Flash Presentations - Imaging studies - preclinical</u>	
10:30 AM - 11:30 AM					Tuesday Coffee Break AM
					Tuesday Poster Session 1
11:30 AM - 1:00 PM		Special session and plenary discussion (multicenter preclinical trials: insights from SPAN)			
1:00 PM - 2:00 PM					Tuesday Lunch Break
2:00 PM - 3:30 PM	<u>Symposium - Pericytes in disease</u>	<u>BRAIN Oral - Experimental therapeutics</u>	<u>BRAIN Oral - Choroid plexus / meningeal barriers / CSF</u>	<u>Symposium - Cerebral blood flow imaging in the era of PET/MRI and machine learning</u>	
3:30 PM - 4:30 PM					Tuesday Coffee Break

					Tuesday Poster Session 2
4:30 PM - 6:00 PM	Symposium - The brain endothelial glycocalyx in health and disease	Symposium - Modelling co-morbidities in preclinical stroke models	Symposium - The unique and varied roles of glycogen in brain	PET Oral - Synaptic density, inflammation and tau pathology	
7:00 PM - 11:59 PM					BRAIN & BRAIN PET 2022 Conference Dinner

Wednesday, June 1, 2022

	Alsh	Lomond Auditorium	Boisdale	Carron	Exhibition Hall/ Other Areas
8:30 AM - 10:00 AM	Symposium - Brain hemorrhage: beyond the neuron	BRAIN Oral - Neurovascular coupling 1	BRAIN Oral - CNS trauma	PET Oral - Brain metabolism and resting state	
10:00 AM - 10:30 AM	Flash Presentations - Glial cells and glial progenitors in health and disease	Flash Presentations - Neurovascular coupling	Flash Presentations - CNS trauma	Flash Presentations - Imaging studies - clinical investigations and novel technologies	
10:30 AM - 11:30 AM					Wednesday Coffee Break AM
					Wednesday Poster Session 2 (AM)
11:30 AM - 1:00 PM		Neils Lassen Award			
1:00 PM - 1:30 PM		Anna Planas Plenary Lecture			
1:30 PM - 2:30 PM					Wednesday Lunch Break
1:45 PM - 2:45 PM	Brain Health Scotland Special Symposium Details TBC				
2:45 PM - 4:15 PM	Symposium - Translational strategies for application of stem cells and their extracellular vesicles as modulators of post-stroke neuroregeneration	BRAIN Oral - Neurovascular coupling 2	BRAIN Oral - Developing brain - physiology and pathophysiology	Symposium - How to image the brain better: reflections on the progress in brain PET tracers, targets and validation	
4:15 PM - 5:00 PM					Wednesday Coffee Break PM
					Wednesday Poster Session 2 (PM)
5:00 PM - 6:30 PM	Symposium - Role of insulin signaling in the brain metabolism	BRAIN Oral - Neurovascular unit	Symposium - Neuronal-immune system cross-talk after brain injury	BRAIN Oral - SAH and vasospasm	