

Parkinson's UK Research Conference 2020: Accelerating research and improving care

Sir Alexander Fleming Building,
 Imperial College Road,
 London SW7 2AZ
 United Kingdom

Day 2 - Friday 25 September

Time	Session 6 - Keynote speaker 2 (Plenary)	
9.30am	Welcome refreshments	
10.00am	Welcome to day 2 Professor David T Dexter (Associate Director of Research, Parkinson's UK)	
10.10am	Parkinson's perspective Speaker TBC	
10.25am	Keynote session: Deferiprone - From bench to bedside (Translational approaches to developing therapeutics) Professor David Devos (Lille University)	
11.05am	Room change	
	Session 7a - Parkinsonisms (Research stream)	Session 7b - Stratification and early detection (Healthcare stream)
11.10am	Welcome and introduction Session chair: Dr Sonia Gandhi (University College London)	Welcome and introduction Session chair: Dr David Breen (The University of Edinburgh)
11.15am	Atypical Parkinsonisms - neuropathology Professor James B. Rowe (Cambridge University Centre for Parkinson-Plus)	Use of big data to clinically stratify Parkinson's Dr Donald Grosset (Queen Elizabeth University Hospital, Glasgow)
11.35am	PSP - Diagnosis, clinical management and causes Professor Huw Morris (University College London)	Wearable technology for early diagnostics and stratification (inc. RBD) Dr Christine Lo (Nuffield Department of Clinical Neurosciences, University of Oxford)
11.55am	Lewy-body dementia - Diagnosis, clinical management and causes Dr Rimona Weil (University College London)	How to detect prodromal Parkinson's (Predict PD) Dr Alastair Noyce (Wolfson Institute of Preventive Medicine, Queen Mary University London)
12.15pm	Platform presentation TBC Speaker TBC	Platform presentation TBC Speaker TBC
12.20pm	Lunch, posters and networking	
	Session 8a - Pre clinical modelling (Research stream)	Session 8b - Use of devices, apps and machine learning (Healthcare stream)
1.20pm	Welcome and introduction Session chair: Dr H�el�ene Plun-Favreau (UCL Institute of Neurology)	Welcome and introduction Session chair TBC
1.25pm	Patient-derived cell lines: the pros and cons of various models Dr Tilo Kunath (University of Edinburgh)	Parkinson's UK devices and apps panel Julie Dodd (Director of Transformation, Parkinson's UK)
1.45pm	Modelling alpha-synuclein pathology in vivo Professor Donato Di Monte (German Centre for Neurodegenerative Diseases (DZNE))	The Critical Path for Parkinson's 3-DT project - getting digital devices across the regulatory hurdle Dr Josh Cosman (Biogen)
2.05pm	Modelling Parkinson's in midbrain-like organoids Professor Jens Schwamborn (University of Luxembourg)	Novel approaches to integrated care (combining drug and digital therapy interventions) Dr Paul Goldsmith (Closed Loop Medicine)
2.25pm	Platform presentation TBC Speaker TBC	Platform presentation TBC Speaker TBC
2.30pm	Refreshments, posters and networking	

	Session 9a - Synaptic dysfunction (biomarkers and drug potential) (Research stream)	Session 9b - Healthy living (Healthcare stream)
3pm	Welcome and introduction <u>Session chair:</u> Dr Heather Mortiboys (Sheffield Institute of Translational Neuroscience (SITraN))	Welcome and introduction <u>Session chair:</u> Julie Jones (Robert Gordon University)
3.05pm	Mechanisms of α-synuclein induced synaptopathy in Parkinson's Dr Frank Hirth (King's College London)	The evidence base for the beneficial effects of exercise in Parkinson's Fiona Lindop (University Hospitals of Derby & Burton NHS Foundation Trust)
3.25pm	Neuronal mitochondrial dysfunction in Parkinson's and how this is influenced by astrocytes Dr Amy Reeve (Wellcome Centre for Mitochondrial Research, Newcastle University)	Probiotics in the treatment of Parkinson's Dr Valentina Leta (King's College London)
3.45pm	Defects in synaptic function in Parkinson's Professor Patrik Verstreken (VIB-KU Leuven Center for Brain & Disease Research, Belgium)	Glymphatic drainage of defective proteins through exercise and sleep Dr Ian Harrison (University College London)
4.05pm	Platform presentation TBC Speaker TBC	Platform presentation TBC Speaker TBC
4.10pm	Refreshments, posters and networking	
	Session 10 - Keynote speaker 3 (Plenary)	
4.40pm	Introduction Dr Arthur Roach (Director of Research, Parkinson's UK)	
4.45pm	Keynote session: Geroprotectors: time to change the way we treat older people? Professor Ilaria Bellantuono (University of Sheffield)	
5.30pm	Closing statement, thanks and close Dr Arthur Roach (Director of Research, Parkinson's UK)	
5.45pm	Refreshments and networking (optional)	
6.30pm	Day 2 Close	