

## 1st Symposium of the Dundee-Edinburgh Parkinson's Research Initiative

13<sup>th</sup> April 2018

Royal College of Physicians of Edinburgh

Meeting funded by:  
**PARKINSON'S<sup>UK</sup>**  
CHANGE ATTITUDES.  
FIND A CURE.  
JOIN US.

0930	<b>Arrival and coffee (set up posters)</b> New Library
1000	<b>Welcome and Introduction</b> Professor Dario Alessi FRS, Professor of Signal Transduction and Director of the MRC Protein Phosphorylation and Ubiquitylation Unit, University of Dundee
1010	<b>The Dundee Edinburgh Parkinson's Initiative: Clinical therapeutic pipeline (CARE-PD)</b> Dr Gordon Duncan
1030	<b>Signal transduction in Parkinson's disease</b> Professor Dario Alessi
1050	<b>From bench to bedside: Interrogating LRRK2 signalling in Parkinson's patients</b> Dr Esther Sammler
1110	<b>Is it Parkinson's? – the value of CSF <math>\alpha</math>-synuclein RT-QuIC</b> Dr Alison Green
1130	<b>2 Data Blitz talks (Mathew Horrocks (Edinburgh), 1 Dundee) from Young PIs/ PhD /Post doc researchers</b>
1140	Comfort Break/Discussions/Poster viewing
1200	<b>Mitochondrial mechanisms in Parkinson's</b> Dr Miratul Muqit
1220	<b>Deciphering the physiological role of autophagy in Parkinson's</b> Dr Ian Ganley
1240	<b>Understanding the role of gut microbiota in Parkinson's using a <i>C. elegans</i> model</b> Dr Maria Doitsidou
1300	<b>2 Data Blitz talks (1 Edinburgh, 1 Dundee) from Young PIs/ PhD /Post doc researchers</b>
1310	<b>Lunch / posters / networking</b> New Library
1400	<b>Human dopaminergic neurons as a model and therapy for Parkinson's</b> Dr Tilo Kunath
1420	<b>The linear phase of <math>\alpha</math>-synuclein oligomerization revealed by a confocal fluorescence on-bead assay</b> Professor Manfred Auer
1440	<b>2 Data Blitz talks (1 Edinburgh, 1 Dundee) from Young PIs/ PhD /Post doc researchers</b>
1450	<b>Longitudinal remote assessment of Parkinson's disease symptom severity</b> Dr Thanasis Tsanas
1510	<b>MRI-guided focused ultrasound treatment for Parkinson's disease</b> Dr Tom Gilbertson
1530	<b>Closing Remarks</b> Professor Siddharthan Chandran FRSE, MacDonald Professor of Neurology and Director of Centre for Clinical Brain Sciences, University of Edinburgh
1535	<b>Coffee and Tea – New Library</b>

Contact Tilo Kunath ([tilo.kunath@ed.ac.uk](mailto:tilo.kunath@ed.ac.uk)) to register.