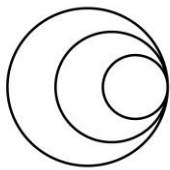


*Virtual Conference Agenda*

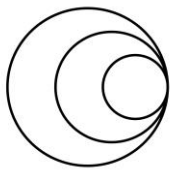
Start (BST)	Finish (BST)	Presenter details
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**Monday, 17 May 2021**

13:00	13:10	<p>Welcome</p> <p><i>Scientific Programme Committee:</i>  <i>Patrick Lewis, Royal Veterinary College, UK</i>  <i>Helene Plun-Favreau, University College London, UK</i>  <i>Craig Blackstone, Massachusetts General Hospital/Harvard, USA</i>  <i>Fiona Elwood, Novartis, USA</i></p>
13:10	13:50	<p>Keynote 1</p> <p>Introduction to the session  <i>Chair: Craig Blackstone</i></p>
13:10	13:40	<p>ER to Golgi protein delivery through an interwoven, tubular network extending from ER  <i>Jennifer Lippincott-Schwartz, HHMI Janelia, USA</i></p>
13:40	13:50	<p>Q&amp;A  <i>Chair: Craig Blackstone</i>  <i>Moderator: Fiona Elwood</i></p>
13:50	15:10	<p>Session 1: Axonal vesicle transport disruption</p> <p>Introduction to the session  <i>Chair: Craig Blackstone</i></p>
13:50	14:10	<p>The role of axonal transport dysfunction in the pathogenesis of neurodegenerative diseases  <i>Giampietro Schiavo, University College London, UK</i></p>
14:10	14:30	<p>Next generation cytogenetics – optical genome mapping for comprehensive structural variant detection  <i>Erika Holzbaur, University of Pennsylvania, USA</i></p>
14:30	14:40	<p>Gga3 deletion and a GGA3 rare variant associated with late onset Alzheimer’s disease trigger BACE1 accumulation in axonal swellings  <i>Selene Lomoio, Tufts University School of Medicine, USA</i></p>
14:40	14:50	<p>Endoplasmic Reticulum morphological regulation by NOGO/RTN4 determines axonal plasticity by speed-limiting luminal transport  <i>Edward Avezov, University of Cambridge, UK</i></p>
14:50	15:10	<p>Q&amp;A  <i>Chair: Craig Blackstone</i>  <i>Moderator: Fiona Elwood</i></p>
15:10	15:30	<p>Break</p>
15:30	16:00	<p>Lightning talks followed by a poster session</p>

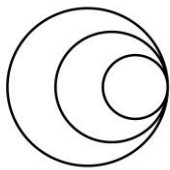


16:00		Session 2: Autophagy
		Introduction to the session <i>Chair: Patrick Lewis</i>
16:00	16:20	Genetic Screening Paradigms for Autophagy Pathway Regulators <i>Beat Nyfeler, Novartis, Switzerland</i>
16:20	16:40	PINK1/Parkin Mitophagy: Sending faulty mitochondria to the garbage disposal <i>Michael Lazarou, Monash University, Australia</i>
16:40	16:50	Parkinson's disease LRRK2-G2019S mutation alters neuronal autophagy by disrupting the axonal transport of autophagosomes. <i>Alexander Boecker, University of Pennsylvania, USA</i>
16:50	17:00	Defective autolysosomal trafficking and disrupted ER-mediated autophagosomal biogenesis in a Drosophila <i>Hyun Sung, Johns Hopkins University, USA</i>
17:00	17:20	Q&A <i>Chair: Patrick Lewis</i> <i>Moderator: Helene Plun-Favreau</i>
17:20	17:40	Break
17:40	18:10	Lightning talks followed by a poster session



Tuesday, 18 May 2021

13:00	14:20	<b>Session 3: Lysosomal &amp; Endosomal vesicle biology</b>
		Introduction to the session <i>Chair: Helene Plun-Favreau</i>
13:00	13:20	Lysosomal dysfunction in Parkinson's disease: from genetics to the clinic <i>Pablo Sardi, Sanofi, USA</i>
13:20	13:40	Adaptor protein complexes and neurological disorders <i>Margaret Robinson, University of Cambridge, UK</i>
13:40	13:50	Understanding Parkinson's disease little by LYTL <i>Luis Bonet Ponce, National Institute of Health, USA</i>
13:50	14:00	Aberrant phase separation of FUS leads to lysosome sequestering and acidification <i>Dragomir Milovanovic, German Center for Neurodegenerative Diseases, Germany</i>
14:00	14:10	Understanding the effect of Huntingtin aggregates on clathrin-mediated endocytosis <i>Surya Bansi Singh, National Centre For Cell Science, India</i>
14:10	14:30	Q&A <i>Chair: Helene Plun-Favreau</i> <i>Moderator: Patrick Lewis</i>
14:30	14:40	Break
14:40	15:10	Lightning talks followed by a poster session
15:10	16:30	<b>Session 4: Mitochondrial biology</b>
		Introduction to the session <i>Chair: Fiona Elwood</i>
15:10	15:30	Mitochondrial vesicle transport pathways <i>Heidi McBride, McGill, Canada</i>
15:30	15:50	Mitophagy, from genetics to biology, and back <i>Helene Plun-Favreau, University College London, UK</i>
15:50	16:00	The mitochondria-endoplasmic reticulum axis in C9orf72-related ALS/FTD <i>Patricia Gomez Suaga, King's College London, UK</i>
16:00	16:10	Dysfunction and degeneration of inhibitory interneurons underlying seizure activity in Alpers-Huttenlocher syndrome <i>Laura Smith, Newcastle University, UK</i>
16:10	16:30	Q&A <i>Chair: Fiona Elwood</i> <i>Moderator: Craig Blackstone</i>
16:30	16:50	Break
16:50	17:50	How do we drug vesicle pathways? Panel discussion <i>Fiona Elwood, Novartis, USA</i> <i>Fiona Menzies, Eli Lilly and Company, UK</i> <i>Pablo Sardi, Sanofi, USA</i> <i>Ravi Jagasia, Hoffmann-La Roche Ltd, Switzerland</i> <i>Tina Schwabe, Alector, USA</i>



Wednesday, 19 May 2021

13:00	13:40	<b>Keynote 2</b>
		Introduction to the session <i>Chair: Patrick Lewis</i>
13:00	13:30	Novel pathways of intracellular lipid transport and neurodegenerative diseases <i>Pietro De Camilli, Yale, USA</i>
13:30	13:40	Q&A <i>Chair: Patrick Lewis</i> <i>Moderator: Helene Plun-Favreau</i>
13:40	15:00	<b>Session 5: Synaptic dysfunction</b>
		Introduction to the session <i>Chair: Patrick Lewis</i>
13:40	14:00	Tau toxicity at the synapse <i>Patrik Verstreken, VIB Leuven, Belgium</i>
14:00	14:20	Improving synaptic transmission in the failing brain <i>Ira Milosevic, University of Oxford, UK</i>
14:20	14:30	Proteomics and lipidomics of synaptic compartments in mouse models of Huntington's disease support vesicle trafficking defects <i>Kimberly Kegel Gleason, Massachusetts General Hospital, USA</i>
14:30	14:40	Alpha-Synuclein facilitates endocytosis by elevating the steady-state levels of Phosphatidylinositol 4,5-bisphosphate <i>Ronit Sharon, Hebrew University of Jerusalem, Israel</i>
14:40	15:00	Q&A <i>Chair: Patrick Lewis</i> <i>Moderator: Helene Plun-Favreau</i>
15:00	15:20	Break
15:20	15:50	Lightning talks followed by a poster session
15:50	17:10	<b>Session 6: Genetic links to vesicle trafficking dysfunction</b>
		Introduction to the session <i>Chair: Fiona Elwood</i>
15:50	16:10	Alzheimer's disease risk alleles implicate microglial endolysosomal trafficking <i>Alison Goate, Mount Sinai Medical School, USA</i>
16:10	16:30	Neurological disorders associated with defects in synaptic vesicle trafficking genes <i>Henry Houlden, University College London, UK</i>
16:30	16:40	Correlative light and electron microscopy reveals that mutant huntingtin dysregulates the endolysosomal pathway in presymptomatic Huntington's disease <i>Ya Zhou, University College London, UK</i>
16:40	16:50	A role for the ER-shaping protein ARL6IP1 in lipid droplet organisation <i>Niamh O'sullivan, University College Dublin, Ireland</i>
16:50	17:10	Q&A <i>Chair: Fiona Elwood</i> <i>Moderator: Craig Blackstone</i>
17:10	17:20	<b>Closing remarks</b>
		<i>Scientific Programme Committee:</i> <i>Patrick Lewis, Royal Veterinary College, UK</i> <i>Helene Plun-Favreau, University College London, UK</i> <i>Craig Blackstone, Massachusetts General Hospital/Harvard, USA</i> <i>Fiona Elwood, Novartis, USA</i>