

Final Schedule for the Workshop on RanBP2/Nup358 and Acute Necrotizing Encephalopathy

(All times are Eastern Standard North American Time Zone)

Wednesday 10th Nov 2021:

9.00 – 9.10 AM: Opening Remarks

9.10 – 9:35 AM (Talk 1): **Russell Dale** (University of Sydney) - *Exploring the CSF findings in ANE and related syndromes*

9.35 – 10.00 AM: (Talk 2): **Ming Lim** (Evelina London Children's Hospital) - *Virus induced neuroinflammation/CNS syndromes: A clinical perspective*

10.00 - 10.25 AM: (Talk 3): **Derek Neilson** (Phoenix Children's Hospital) - TBA

10.25-10.40 AM: BREAK

10.40-11.05 AM: (Talk 4): **Kiran Thakur** (Columbia University) - TBA

11.05-11.30 AM: (Talk 5): **Nelly Panté** (University of British Columbia) - *Old foes, new understandings: Viral strategies to access the cell nucleus*

11.30-11.55 AM: (Talk 6): **André Hoelz** (Cal Tech) - *Architecture of the cytoplasmic face of the human nuclear pore*

11.55-12.20 PM: (Talk 7): **Jefferey Rothstein** (John Hopkins University) - *Sporadic neurodegeneration is initiated by nuclear accumulation of CHMP7 followed by nuclear pore complex injury and subsequent TDP-43 dysfunction*

Thursday 11th Nov 2021:

9:00 – 9:05 AM: Opening Remarks

9.05 – 9.30 AM: (Talk 8): **Nathalie Arhel** (Université de Montpellier) - *The nuclear pore complex: a molecular hub where viruses and innate defenses meet*

9.30 – 9.55 AM: (Talk 9): **Beatriz Fontoura** (UT Southwestern) - *RNA Trafficking Via Nuclear Speckles*

9.55 -10.20 AM: (Talk 10): **Martin Beck** (Max Plank Institute of Biophysics) - *Nup358 in Oogenesis and development*

10.20-10.35 AM: BREAK

10.35-11.00 AM: (Talk 11): **Mary Dasso** (NIH) - TBA

11.00-11.25 AM: (Talk 12): **Rick Wozniak** (University of Alberta) - *The role of mitotic sumoylation events in establishing nuclear envelope structure*

11.25-11.50 AM: (Talk 13): **Sozanne R Solmaz** (SUNY Binghamton) - *Coil-to-Helix Transition at the Nup358-BicD2 Interface Activates BicD2 for Dynein Recruitment*

11.50-12.05 PM: FLASH TALK (Talk 14) **Yifan Eva Wang** (Palazzo Lab, University of Toronto) - *RanBP2-dependent Sumoylation Regulates Stress Granule Dynamics*

12.05-12.15 PM: General Discussion

Friday 12th Nov 2021:

9:00 – 9:05 AM: Opening Remarks

9.05 – 9.30 AM: (Talk 15): **Qingtang Shen** (Fujian Medical University) - *Crosstalk between RanBP2 and Innate Immune Responses*

9.30 – 9.55 AM: (Talk 16): **Paulo Ferreira** (Duke University) - *From gene to drug discovery: Bridging nanoscale and macroscale views of RanBP2 in basic and translational research and evolving models*

9.55-10.20 AM: (Talk 17): **Mike Matunis** (John Hopkins University) - *SUMO Paralogs and their Non-redundant Functions*

10.20-10.35 AM: BREAK

10.35-11.00 AM: (Talk 18): **Radha Chauhan** (National Centre For Cell Science, Pune) - *The intrinsic plasticity of nucleoporins and their role in NPC assembly and functions*

11.00-11.25 AM: (Talk 19): **Jomon Joseph** (National Centre For Cell Science, Pune) - *Nup358: functions beyond the nuclear pore complex*

11.25-11:50 AM: (Talk 20): **Theo Moraes** (University of Toronto & SickKids Hospital) - *The potential utility of a primary human nasal epithelial cell culture model system to understand RanBP2 biology*

11:50-12:15 PM (Talk 21): **Alex Palazzo** (University of Toronto) – *The Regulation of Cytokine mRNA Translation by RanBP2 and the RNA Induced Silencing Complex*

12.15-12.30 PM: Closing remarks

