



Agenda August 10, 2016

Note: All times EST

9:00am to 11:50am: Session 1 – ALS Research Background & Overview

- Dr. David Taylor – ALS in 2016: Up to the Challenge (Webinar 1)
- Dr. David Taylor – Canadian ALS Research: World Class Impact (Webinar 3)
- Dr. David Taylor – Live Q&A (time permitting: parts of Webinar 4: Investing with a Vision)

11:50am to 12:50pm: Session 2 – Laboratory Models of ALS

- Dr. Alex Parker - Fighting ALS with worms
- Alexandra Lissouba (2014 ALS Canada Doctoral Research Award) - Modeling motoneuron diseases using zebrafish
- Dr. Victor Rafuse - In vitro model system to assess changes in neuromuscular junction function

12:50pm to 1:30pm: Session 3 – Non-motor neuron cells affected in ALS

- Éric Martineau (2015 ALS Canada Doctoral Research Award) Alteration of glial properties may hinder NMJ repair in amyotrophic lateral sclerosis
- Dr. Jasna Kriz - Modifying microglia activation profile as a therapeutic strategy in ALS

1:30pm to 2:15pm: Special Guest Lecture

- Dr. Clive Svendsen - Stem cells for ALS: Hype or Hope



2:15pm to 3:35pm: Session 4 – Bench to bedside: Translational ALS research

- Dr. Sanjay Kalra - CALSNIC: Investigating novel MRI biomarkers on a multicentre neuroimaging platform
- Dr. Kyle Peake - Use of bone marrow-derived cells to deliver therapeutic single chain antibodies to the central nervous system in amyotrophic lateral sclerosis
- Dr. Christine Vande Velde - TDP-43 mediated regulation of stress granules: Relevance to ALS
- Dr. Jean-Pierre Julien - Preclinical studies with a novel withaferin A analog targeting the inflammation pathway

3:35pm to 5:30pm: Session 5 – Present & Future of ALS Therapeutic Potential

- Dr. Angela Genge – International Clinical Trial Status 2016
- Dr. David Taylor – Cutting Edge Research
- Dr. Andrew Eisen - Thoughts and Unanswered Questions about ALS

5:30 to 8:00pm: Session 6 – ALS Research Background & Overview (Live Replay)

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