

DATA BLITZ SCHEDULE

Tuesday, November 28, 2:00-3:00PM

2:00 Jessica Butts (jessie.butts@gladstone.ucsf.edu)

GENERATION OF V2A INTERNEURONS FROM HUMAN PLURIPOTENT STEM CELLS FOR SPINAL CORD INJURY REPAIR

2:10 Scott Dyck (dycksm@myumanitoba.ca)

MODULATION OF LAR AND PTP Σ FOSTERS A PRO-REGENERATIVE IMMUNE RESPONSE THAT PROMOTES OLIGODENDROGENESIS FOLLOWING SPINAL CORD INJURY

2:20 Alexandra Halevi (ahalevi@wustl.edu)

MODULATING PAIN BEHAVIOR WITH A PROXIMAL CRUSH INTERVENTION

2:30 Percy Algarate (percy.algarate@yale.edu)

CHRONIC IN VIVO IMAGING OF INTACT CORTICOSPINAL MOTOR NEURONS REVEALS FUNCTIONAL RE-ORGANIZATION AFTER PARTIAL SPINAL CORD INJURY

2:40 Brittany Charsar (brittany.charsar@jefferson.edu)

FOCAL OVEREXPRESSION OF BDNF PROMOTES TARGETED REINNERVATION OF PHRENIC MOTOR NEURONS AND RESTORATION OF DIAPHRAGMATIC RESPIRATORY FUNCTION AFTER CERVICAL SPINAL CORD INJURY

2:50 Matt Goodus (mgoodus@gmail.com)

ENHANCING HEPATIC INFLAMMATION BEFORE SCI CAUSES INCREASED LIVER AND SPINAL CORD PATHOLOGY

DATA BLITZ SCHEDULE

Thursday, November 30, 1:00-2:00PM

1:00 Christopher Ahuja (christopherahuja@gmail.com)

SMART NEURAL STEM CELLS TO DEGRADE SCAR AND OPTIMIZE REGENERATION AFTER TRAUMATIC SPINAL CORD INJURY

1:10 Marissa Ciesla (mciesla@ufl.edu)

IMPACT OF FOLATE ON RESPIRATORY RECOVERY AFTER CERVICAL SPINAL INJURY

1:20 Camila Marques de Freria (Camila.deFreria@osumc.edu)

SYSTEMIC LPS ELICITS NEUROPROTECTIVE MICROGLIA AND PROTECTS AGAINST ISCHEMIC SPINAL CORD INJURY

1:30 Lydia Hager (lydia.hager@uky.edu)

TOWARD PRECISION MEDICINE AFTER SCI: THE GENETIC INFLUENCE OF APOE ON RESPIRATORY MOTOR PLASTICITY

1:40 Dylan McCreedy (dylan.mccreedy@gmail.com)

DICLOFENAC REDUCES ACUTE OXIDATIVE STRESS AND IMPROVES LONG-TERM RECOVERY FOLLOWING SPINAL CORD INJURY

1:50 Tatiana Slepak (tslepak@med.miami.edu)

S6 KINASE 1 INHIBITION ACTIVATES MTOR IN CENTRAL NERVOUS SYSTEM NEURONS PROMOTING NEURITE OUTGROWTH, AXON SPROUTING AND REGENERATION