



Prion Centre Seminar and Journal Clubs Schedule 2015/2016

24-Sep	Research Presentation: Cell tropism & cell death: A role for necroptosis - Grant Norman; Transmission of CWD allotypes into mice expressing elk PRNP - Jeffrey Narayan
01-Oct	Research Presentation: PrP from A to Z: Exploring conserved functions of PrPc in zebrafish - Daryn Watson; Glial expression of amyloid precursor protein and its processing enzymes in the ANPC mouse model - Anna Sasse
08-Oct	Research Presentation: Towards establishment of a mouse model of circadian abnormality in Alzheimer's disease - Dr. Olaide Oyegbami
15-Oct	CPPFD PI talk: Prion protein and pathogenesis; the middle and the end of the beginning - Dr. David Westaway
05-Nov	Guest Speaker (UCSF): Propagation of distinct amyloid-beta strains in vivo - Dr. Jan Stoehr
12-Nov	Research Presentation: Protein Misfolding in Alzheimer's disease: Tau, the "HOW" behind the "WOW"? - Ghazaleh Eskandari; Journal Club: A naturally occurring variant of the human prion protein completely prevents prion disease - Camilo Duque
19-Nov	Society for Neuroscience 2015 Conference Debrief: - Dr. Kar lab
03-Dec	Research Presentation: The Prion Protein: Potassium Channels & Pathogenic Changes - Robert Mercer
10-Dec	CPPFD PI talk: Prion Diseases: By the Numbers - Dr. Judd Aiken
07-Jan	Research Presentation: Innate Immunity as Prion Defense System - Dr. Sanggyun Kang
14-Jan	Research Presentation: Insulin-like growth factor-II/mannose 6-phosphate receptor and cathepsin D in Alzheimer's disease pathology - Yanlin Wang
21-Jan	CPPFD PI talk: It's Abeta, it's a tau, it's prion - Dr. Valerie Sim
28-Jan	Research Presentation: Interaction of CWD-prions with Alberta soils - Dr. Alsu Kuznetsova
04-Feb	Research Presentation: Mitochondrial DNA Deletion Mutations Drive Sarcopenia in Aged Rats - Dr. Allen Herbst
11-Feb	Research Presentation: Assessing the impact of variants in the prion protein gene (PRNP) on the risk of HuPrP90-231 misfolding propensity using molecular dynamics simulations - Dr. Lyudmyla Dorosh
18-Feb	Research Presentation: Conditional misfolding of a mouse PrP allele - Dr. Nathalie Daude
25-Feb	CPPFD PI talk: The infectious prion: A four-rung beta-solenoid structure, however you look at it - Dr. Holger Wille
03-Mar	Research Presentation: Studying prion pathophysiology in C2C12 muscle cell cultures - Dr. Maria Garza Garcia
10-Mar	Research Presentation: The effect of amyloid-beta peptides in Kainic Acid-induced toxicity and implications for Temporal Lobe Epilepsy - Dimitar Ourdev; Zebrafish mutants to study the physiology of APP and PrP; relevance to Alzheimer's Disease - Patricia Leighton
17-Mar	Research Presentation: Emergence and Host Dependent Propagation of Chronic Wasting Disease Strains - Camilo Duque; Apoptosis and necrosis mediate skeletal muscle fiber loss in age-induced mitochondrial enzymatic abnormalities - Nashwa Cheema
24-Mar	Research Presentation: Elucidating the Effects of Fab Fragments on RML Infection of L929 Cells in the Standard Scrapie Cell Assay - Dr. Jacques van der Merwe
31-Mar	CPPFD PI talk: Implications of Lysosomal Leakage in Neurodegenerative Disorders - Dr. Satya Kar
07-Apr	Research Presentation: Prion Disease Biomarkers - Danielle Gushue; The Modulation of Prion Replication and Infectivity by Acetylcholinesterase Inhibitors - Anthony Ness
14-Apr	CPPFD PI talk: Host range of CWD - Dr. Debbie McKenzie
21-Apr	Research Presentation: Interspecies Transmission of Chronic Wasting Disease Into Hamsters - Elizabeth Triscott; Mass-Per-Length Analysis of Infectious Human Prions - Claudia Acevedo-Morantes
28-Apr	CPPFD PI talk: Delineating a required role for loss-of-function in prion & prion-like diseases - Dr. Ted Allison
05-May	Research Presentation: All that fluoresces is not fibrillar: A case study in mouse and deer recombinant prion protein - Dr. Leonardo Cortez
12-May	Debrief - The Brain in Focus: New Approaches to Imaging Neurons and Neural Circuits; Debrief 2 - Genome Editing and Gene Modulation Congress 2016 - Dr. David Westaway
26-May	Prion 2016 Debrief 1 - Dr. Holger Wille
02-Jun	Prion 2016 Debrief 2 - Andrew Fang, Camilo Duque Velasquez
09-Jun	Research Presentation: Structural Stability of PrP With a Partial Duplication of the Hydrophobic Region - Zelin Fu
16-Jun	Research Presentation: Cellular Prion Protein in Neuroprotection: Insights using Zebrafish - Dr. Richard Kanyo
23-Jun	Visiting Speaker: Common Pathogenic Mechanisms in Neurodegenerative Diseases: Intercellular Spread of Misfolded Protein and RNA, and Toxicity of Misfolded Species - Cathryn Ugalde, La Trobe University in Melbourne, Australia
30-Jun	Research Presentation: Structural Investigation of BSE Prions Using Cryo Electron Microscopy - Razieh Kamali; Structural Study of Chronic Wasting Disease Prions - Sara Amidian
14-Jul	Research Presentation: Towards a model of AD; and Tauopathy biosensor in Zebrafish - Hadeel Alyenbaawi; HET-2s: an engineered, four-rung beta-solenoid protein as a model for the structure of PrPSc - Andrew Fang