



Prion Centre Seminar and Journal Clubs Schedule 2022 - Present

Date	Presenter(s)	Lab	Type (e.g. journal club, research)	Title(s)
05-Jan	Chris C	Gilch	Research	The Role of Quaternary Structure Organization in Prion Strain Selection and Adaptation
12-Jan	Wanzhen	Gilch	Research	Redox-dependent regulation of molecular crowding barrier in the nuclear pore
19-Jan	Laszlo	Allison	Research	
26-Jan	Razieh	Wille	Research	Cryo-EM structure of ex vivo RML prion fibrils
02-Feb	Alsu	AKMK	Research	PrPCWD detection in soils from CWD endemic regions
09-Feb	Emily Aishwarya	Mok Wille	Research	Different inducers of tau lead to varying seeding abilities in cells Design and development of rational structure-based vaccine candidates against Alzheimer's disease
16-Feb	Dalia	Schaetzl	Research	Chronic wasting disease vaccine: inducing auto-antibodies against PrPC for interfering with CWD infection
23-Feb	Reading Week---no seminar			
02-Mar	Satish	Sim	Research	CJD Diveristy
09-Mar	Vineet	Wille	Research	A toolbox of humanized recombinant antibody fragments for prions
16-Mar	Angell Madeleine	Mok Wille	Research	Investigating the molecular links between mistranslation and neurodegeneration Development and analysis of structure-based prion vaccines
23-Mar	Karthi	Kar	Research	Disease-modifying potential of native PLGA nanoparticles in AD pathology
30-Mar	Andrew	Westaway	Research	Glymphatic system clears extracellular tau and protects from tau aggregation and neurodegeneration
06-Apr	Pearl	Gilch	Research	Investigations on the role of Rab7 in prion infection.
13-Apr	Jessica Kerry Sun	Gilch Mok	Research	Altering CYP46A1 expression in prion infected neurons to decrease the conversion of PrPC to PrPSc. Investigating DNAJA2's anti-aggregation activity on tau
20-Apr	Shigeki	Stys	Research	Is multiple sclerosis a protein misfolding disorder?
27-Apr	Dr. Carlo Condello	UCSF	Research	<i>FLAMES microscopy to study amyloid strains and cellular consequences in Alzheimer's disease</i>