

Symposium
**Drosophila as a model to study Neurodegeneration
and Brain Immunity**
SV1717a, EPFL September 12th

14h30 Introduction: Emi Nagoshi

14h35-15h05: [Christa Rhiner](#) (Champalimaud Centre for the Unknown, Lisbon, Portugal):
“Unravelling conserved repair circuits in the injured fly brain”

15h05-15h35: [Emi Nagoshi](#) (University of Geneva, Geneva): “Circadian clock disruption promotes the degeneration of dopaminergic neurons”.

15h35-16h05: [Estee Kurant](#) (University of Haifa, Haifa Israel): “The role of glial phagocytosis in neurodegeneration”

16h05-16h30: Coffee break

16h30-16h45: [Asya Dolgikh](#) ([Lemaitre Lab](#), EPFL, Lausanne): NimB1 a secreted protein impedes the uptake of the apoptotic cells by hemocytes in *Drosophila melanogaster*

16h45-17h: [Samuel Rommelaere](#) ([Lemaitre Lab](#), EPFL, Lausanne): A humoral stress response protects *Drosophila* self-tissues from antimicrobial peptides

17h-17h15: [Magda Kocia](#) ([Neukomm Lab](#), UNIL, Lausanne) : Manipulation of NAD⁺ homeostasis in degenerating photoreceptor neurons in *Drosophila*

17h15-17h30: [Lukas Neukomm](#) (UNIL, Lausanne): Local translation is required for sustained circuit integrity in impaired Wallerian degeneration

17h15-17h45: [Marine Van Campenhoudt](#) ([McCabe Lab](#), EPFL, Lausanne): Motor Circuit dysfunction in *Drosophila* models of Amyotrophic lateral sclerosis

17h45-17:50: Concluding remarks: Brian McCabe & Bruno Lemaitre

17h50-19h: Short apero

This symposium was organized by Emi Nagoshi (UNIGE), Bruno Lemaitre (EPFL), Brian McCabe (EPFL), Lukas Neukomm (UNIL) with the support the Global Health Institute (EPFL); the Brain Mind Institute (EPFL) and the University of Geneva.