CRV / NBD Research Seminar



Presenter:
Dr Akishi Onishi
Laboratory for Retinal Regeneration,
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Title: Exploring retinal development and disease with stem cells and animal models

Abstract:
Retinal organoids and model animals are valuable to study the pathogenesis and treatment of eye disease. The first part of the seminar focuses on the organoid study that we reproduced photoreceptor degeneration in PSC-derived 3D retinas and compare the protective effects of the ophthalmic supplements. The second part focuses on the animal model study in which retina-specific Aldh1a1 directs the choroidal vascular development and the KO mice develop AMD-like pathological features in their old age.

Seminar Details:

Date:
27 August 2018, Monday

Time:
2:30pm to 3:30pm

Venue:
Meeting Room 7C, Level 7
Duke-NUS Medical School

Host:
Prof Zhang Su-Chun
Programme Director
Duke-NUS Medical School
Neuroscience & Behavioural Disorders Programme