



*The Orbeli Physiology Institute invites you to the
2022 Advanced Bioimaging Seminar series*

Brain-wide single-cell resolution imaging and machine learning-enabled quantification

Thursday March 23rd, 5 pm

Orbeli Physiology Institute Conference room
Yerevan, 22 Orbeli Brothers street

Damian G. Wheeler, Ph.D.

CEO, Translucence Biosystems, Irvine, California



Translucence Biosystems – Recent advances in tissue clearing and light sheet imaging have opened an exciting new avenue for brain-wide, cellular resolution immunostaining. At Translucence, we are developing hardware, software and reagent kits to provide access to the intricate anatomy of the whole intact brain, offering neuroscientists unbiased and complete views of brain anatomy and function. In this talk I will give an overview of our methodology, products and services and will focus on our brain-wide, cellular resolution measurements of neuronal activity using the immediate-early gene products Npas4 and cFos.

*The webinar will be in English, is free and open to the public.
Refreshments will be served*