Technology Seminar

Adopt high content imaging & analysis (HCA) technology to expand the breadth of addressable biological processes in your life science research

Dr. Jaron LIU
Lead Application Scientist, Life Sciences, GE Healthcare

Date: 20th September 2018
Time: 10:30am – 12:00 noon
Rm L9-53, Laboratory Block, LKS Faculty of Medicine

All are Welcome!

The academic community is recently fully engaged in HCA technology to improve throughput & flexibility for studying population heterogeneity or molecular organization of individual cells in even live samples. The continual pushing of the boundaries of HCA technology lead to cutting-edge developments such as fast line scan confocal imaging modalities that have enabled the growing requirements of assays involving complex cellular disease models such as 3D spheroids or microtissues. In this seminar, we will illustrate how HCA technology has now expanded to become a more widely used basic research tool for many applications including cell signaling, organoids oncology, neurobiology, cardiac failure, phagocytosis, autophagy, etc.