



Bootcamp 2016: An Integrative Approach to Understand Cell Function

5 August to 13 August

This nine-day “Bootcamp” style course will cover fundamental concepts and practical approaches in understanding cellular functions. The focus is to develop a breadth of knowledge in quantitative techniques to allow bioscience researchers to pursue further depth in their respective research work. Major topics include: gene editing, cellular structure and processes, statistics, bio-imaging, image analysis, modelling, and quantitative methods in biology. There will be extensive tutorials in using Matlab, complemented by hands-on microscopy and wet-lab sessions. Students will work as part of a team to tackle problems and to develop a report on an open area of modern bioscience research.

The Bootcamp lectures are open to all interested graduate students and post-docs.

For graduate students, the lectures will be reinforced in thematic-based practicals, leading to 2-MC.

Where:

**CREATE Theatre, Level 2, CREATE
TOWER, U-Town**

Registration and Info:

mbi.nus.edu.sg/events/2016bootcamp/



Department of Biological Sciences
Faculty of Science