USE OF COMPUTATIONAL METHODS FOR IMAGE VISUALIZATION AND ANALYSIS
KEPLER AND IMAGEJ

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Overview

To utilize Kepler in order to construct scientific workflows, specifically writing ImageJ scripts to automate post-imaging analysis.

Collaborate with Dr. Mary Vail from the Biochemistry and Molecular Biology Department—write ImageJ scripts for analysis of confocal scope images to visualize effects from the Qdot labeled chimeric anti-EphA3 antibodies

Weekly Update.. Day 2

- Arrived yesterday
- Settled into Dr. Abramson's offices and living and working accommodations
- Kepler GUI is installed with Nimrod/K

Tentative Plans

- Lab meeting from a Information Technology scientist perspective!

- Meeting with Dr. Mary Vail to integrate Kepler with ImageJ with her current molecular biology research

Traveling Abroad!

Day 2 in front of where we are working-
Faculty of Information Technology Building!

Hong Kong Skyline prior to arriving in Melbourne

Sundial coded by purple and yellow lines
based on the time of year!

Many thanks to…

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- Dr. David Abramson
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- All lab mates

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