# Use of computational methods for Image Visualization and Analysis via Kepler and imageJ

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# Progress

- Wrote a  documentation guide on how to use Kepler and the current workflows that have been created for analyzing microscopy images
- Discussed further analysis that should be done to each channel of microscope images in order to determine final calculations for meaningful data
- Updated department computer with compiled workflows– works smoothly with .LIF files

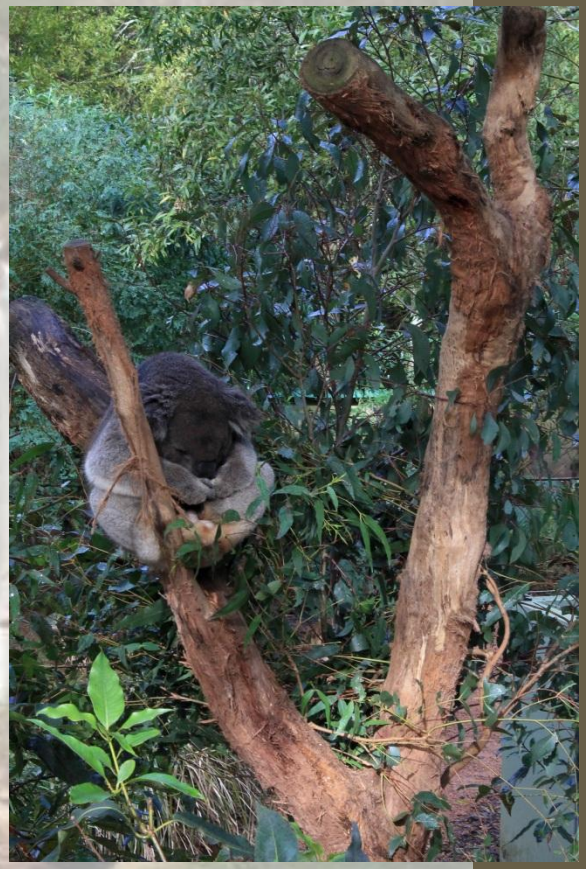
# **Successes!** … And Difficulties

- Workflow is working on the department computer!
  - Had a lot of trouble with it previously because it lagged and didn't have the most recent versions of necessary programs
  - Generated composite images just fine, along with the preliminary analysis on .cvs
  - Documentation means that people in the lab can use it
- Filename conflict has been a recurring issue
  - Need to discuss this more with Slavisa or Colin to see what can be done
  - Difficult to retain original filename; unsure if it can be derived from metadata

# Tentative Plans

- Begin working on specific Imagej script // GridJob actors for analysis of specific channels
- Update documentation for current workflows, so that it can be used by lab members at the Biochemistry department
- Skype with Dr. Altintas back in UCSD about current progress

# Marysville & Healesville




**Clockwise:** Drive to Marysville, Black Cockatoo, Koala, Gorgeous Clouds, Budgerigar bird,View from Keppel's Lookout **8/4/2012**


# Open Day with MURPA Booth

**From left**: Graham Doh, Liang Ding, Harriet Hu, Dr. David Abramson, Minh Huynh
**Not pictured:** Brian Becerra **8/5/2012**

# Many thanks to…

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