



# Molecular Dynamics: Comparison of the Cytochrome P450 1A2 System

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# Project(s)

- My main project is on the molecular dynamic analysis on cytochrome P450 1A2 membrane-bound and waterbox systems.
- Another project is on dengue (NS2B/NS3pro) laboratory with a master student, Rina. I'll be working on laboratory testing.

# Progress

Completed my final power point presentation and had a first draft of my AIP research paper.

Did my write up for the neuraminidase influenza assay, including all the calculation and graphs.

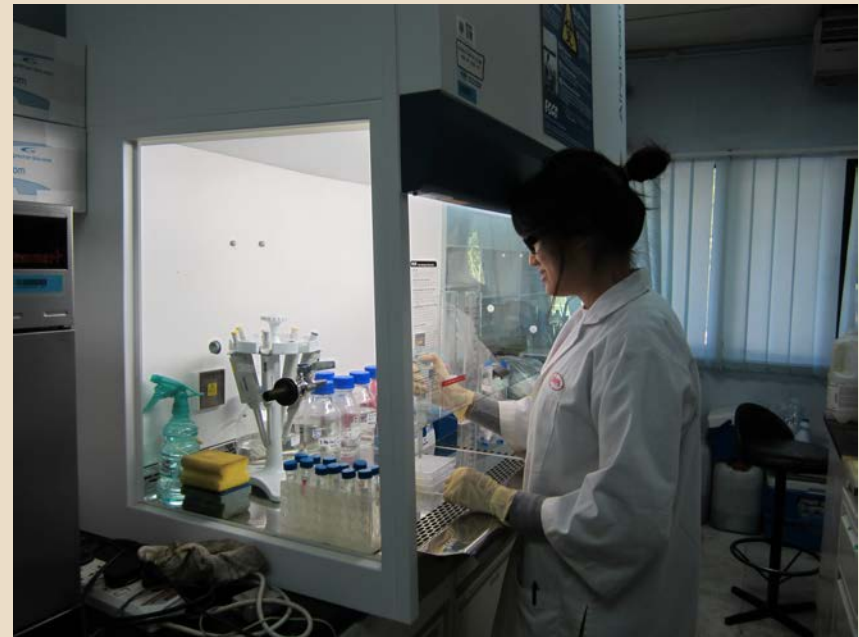
Read *The ins and outs of cytochrome P450s* and tried to understand the method they used to find out the water channel.

# Goal for final week

Complete my AIP research paper.

Finish the last two analysis, active site and water channel, using MOE and fpocket.

Take additional snapshots of the active site/ water channel for my protein systems using VMD.



**USM**  
**School of Pharmaceutical Sciences**  
**Experimental laboratory**

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