

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) with a master student, Rina. I'll be working on laboratory testing.

Progress

The progress this week is to be familiar with the linux operation system in the lab and review some literature work on the system. In addition, I started the analysis on the waterbox system of the protein and observed a fraction of the unfolding segment of Helix F-G loop.

There are some difficulties with the computers here. The memory storage is not enough for me to do some analysis work, but I'm still looking for alternative methods to work on my project.

Goal for next week

Work on more analysis work on the cytochrome P450 system with Dr. Sy Bing Choi.

Meeting with a master student, Rina, to talk about the project in the experimental lab on dengues.

Adventure at the Lake at USM



A small lake across from the lab.
Many USM students like to jog around the lake.

Great discovery!

A giant lizard-Water monitor



Mangosteen



Courtesy of a graduate student Ezetel. The meat of mangosteen is used to extract a certain chemical compound that is used for one of her projects.