



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

Read “Biochemistry of Membrane Transport” and “Structural Bioinformatics” to look for analyses specifically on membranes. I also took notes on literature reading/ publications to label the helices of my protein accordingly.

I had a tour at IPHARMM building, where Prof. Habibah’s wet lab is located. I helped weighing and labeling the chemical compounds.

For my main project, I completed the basic analysis, RMSD, RMSF calculation, waterpath, and image taking using the supercomputer from Dr. Choong's lab.

Goal for next week

Start writing my introduction for the CYP 1A2 project and work on citations. Take more images and label them for future publication use. Finish up clustering and hydration analysis work.

Discuss future work in the wet lab or other projects with Prof. Habibah and SyBing.

Visiting the village!





History museum: Traditional outfit.

Acknowledgments

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