

Homework

- Select a personal target to do further research on.
- The target or a close homolog must have a public crystal structure in the Protein Data Bank (<https://www.rcsb.org>).
- After making sure that nobody has selected the same target, enter your name and target in the Google spreadsheet (https://docs.google.com/spreadsheets/d/1iaSiJNi3YfHuG2_asuYWpRpvoEVHWazjbY5Ebx0BKGY/edit?usp=sharing).

Suggested targets to investigate

- Some targets that have been suggested to me but I have done no work on
 - Human Cystathionine gamma lyase (CSE), sleep apnea drug target of interest to biologist David McCormick
 - Mycobacterial membrane proteins Large (Mmpl3), *Mycobacterium tuberculosis* drug target of interest to Oluseye Onajole at Roosevelt University and Benjamin Swartz at Central Michigan University
- A target that I have done some work on
 - Tyrosyl-DNA phosphodiesterase 1 (TDP1), cancer drug target of interest to organic chemist Hyun-Soon “Joy” Chong