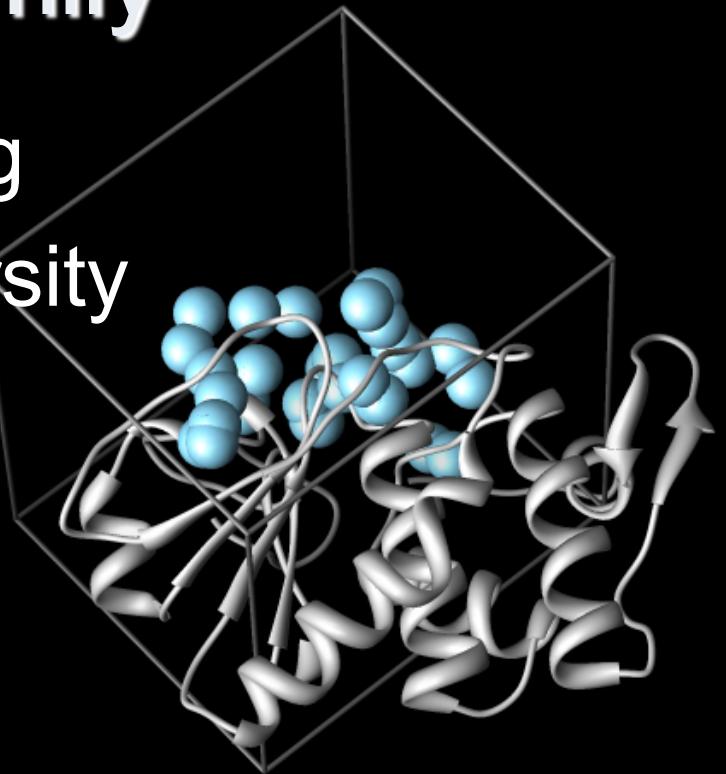
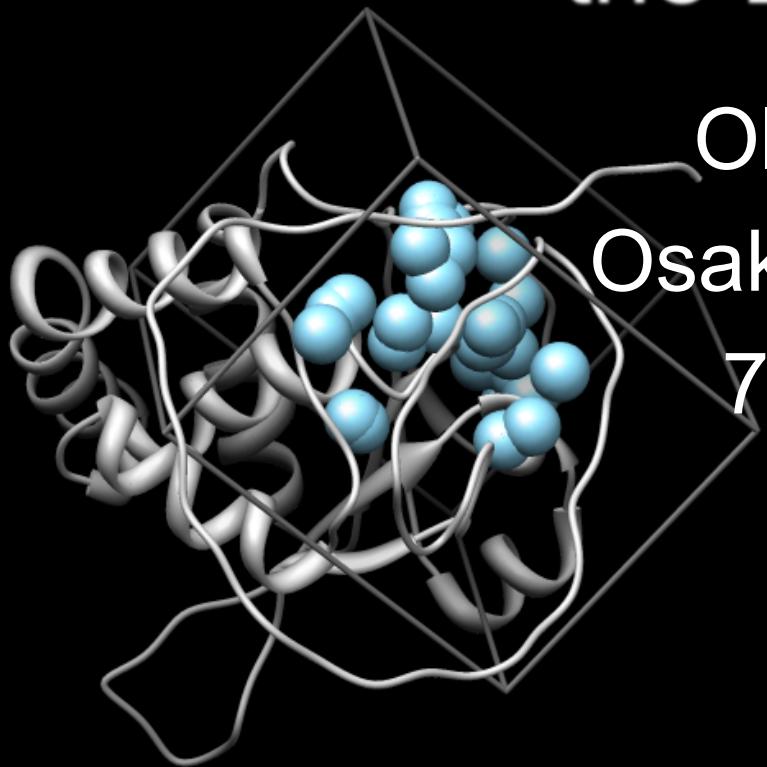


Virtual screening and 3D protein structure model optimization of the DSP family

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Week 2 Progress

- Prepared DUSP19 and DUSP21 with default values for sphere size for better comparison with past results
- Running DOCK on ocikbra (DUSP19) and milk (DUSP21) clusters
- Wrote script for automating installation of ws-core, opal-op, and DOCK on clusters

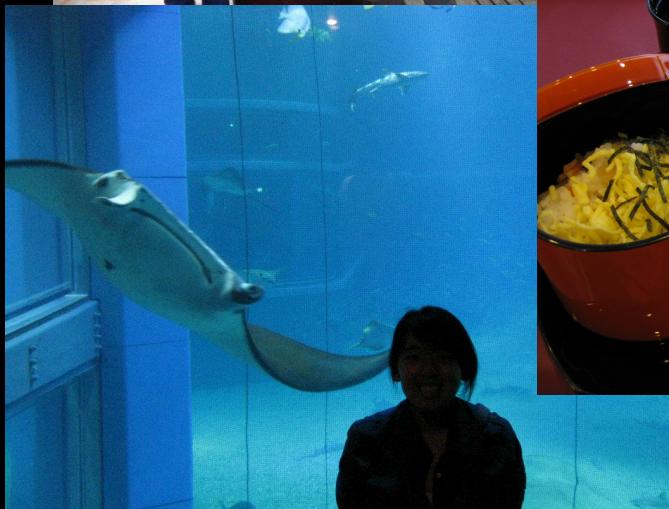
Next Week's Goals

- Check results of DOCK for DUSP21 and prepare for AMBER screening
- Start AMBER screening working on multiple clusters
- Get access to more clusters
- Write script for organizing results folders of different proteins to better keep track
- Find way to get DOPE scores for each loop refined model for better determination of best model

Clockwise, from top left:

- Picture with Dotonbori drummer man, with fellow PRIME student Kristine
- Seal – child interaction at the Osaka Aquarium (Kaiyukan, 海遊館)
- Tanabata (七夕) decorations near Umeda
- Kushikatsu enjoyed properly
- Japanese style meal with ayu (アユ, 鮎, 年魚, 香魚).
Bones, guts and head can be eaten
- Manta ray at the Kaiyukan

Culture!



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