ABSTRACT. My talk covers a published work and a submission work. I present a chemical biology approach to generating small molecule candidates for modeling and treating brain disease, with a focus on pontocerebellar hypoplasia, a genetic disease of the back of the brain, and ALS, a disease of the motor neurons. This approach entails computational modeling followed by biophysical characterization and biological assays in live zebrafish.

Friday, May 17, 2019
3440 Molecular Sciences
3:30 p.m.

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