

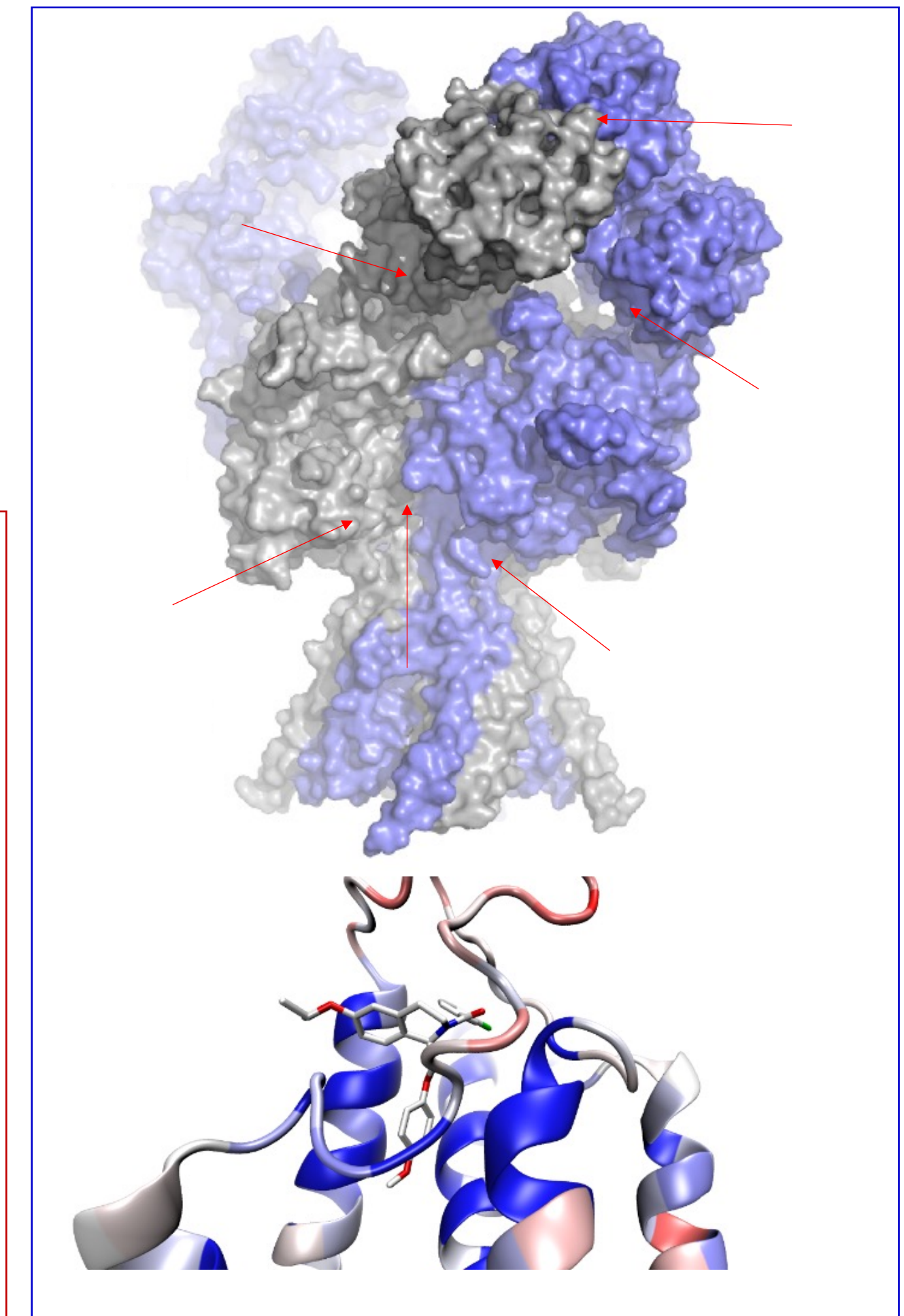
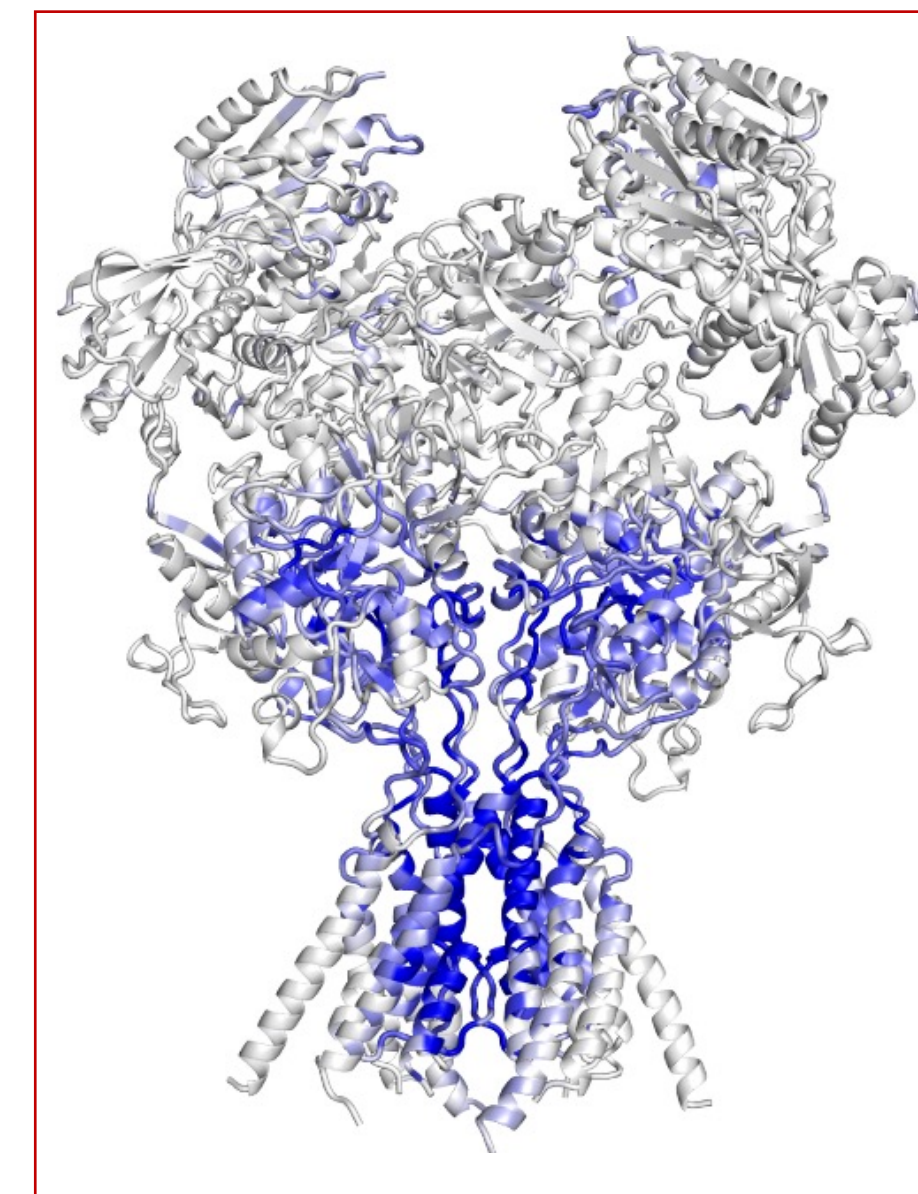
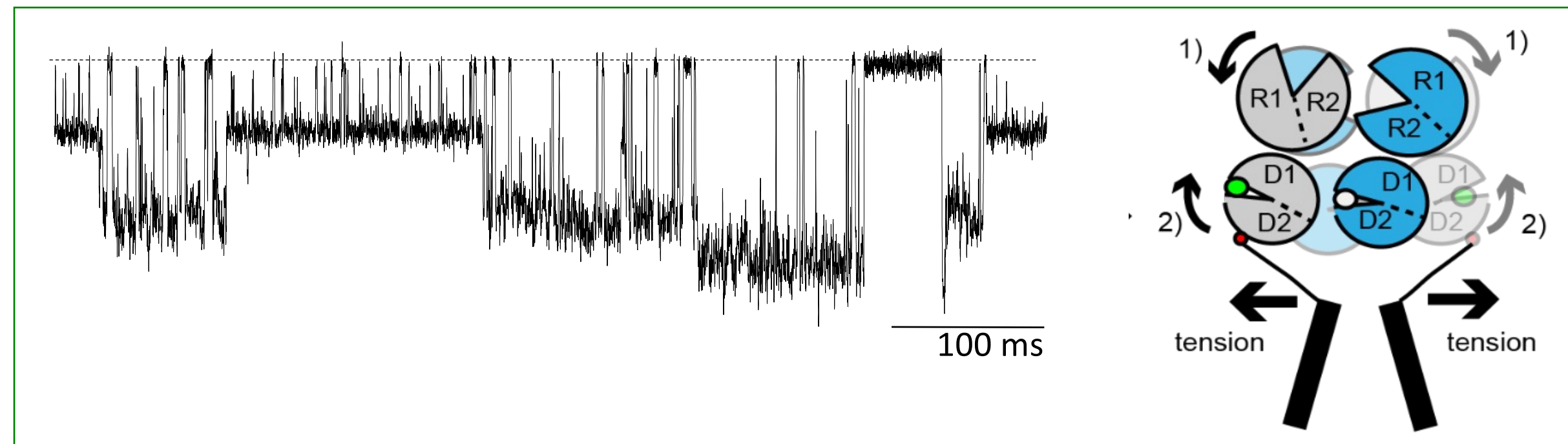
Traynelis Lab Highlights 2022

Students: Ullman, Camp; Postdocs: Hao, Perszyk; Visiting Scholar: Lu Zhang;
Technicians: Allen, Kim, Sheikh, Zhang; Instructors: Banke, Myers



Research topics

- Develop new subunit-selective NMDA receptor modulators as clinical candidates
- Develop an understanding of variants in the glutamate receptor gene family (GRIN, GRIA)
- Basic research on how glutamate receptors work



Funding

- R35 grant, Janssen SRA, Simon's Fnd Directors Award
- Dr. Myers and Banke have their own support

Translational

- Advisory Boards for Sage, Eumentis, GRIN Ther., CureGRIN Fnd, GRIN2B Fnd, CombinedBrain
- Multiple patents filed, licensing discussions for GluN2D-selective NMDA receptor modulators
- NeurOp Inc. completed Phase 1 studies, pursuing funding for Phase 2 studies
- Co-founded of Agrithera with Dennis Liotta
- CFERV is assisting GRIN Therapeutics in patient selection for clinical trial for *GRIN2B* rare variants

Productivity

- 10 papers over the past 12 months (June 21-June 22), CFERV provided functional data on >600 *de novo* human mutations

