Ruilin Tian, a Biophysics PhD student in the Kampmann lab, was awarded the Tau consortium fellowship. The Tau Consortium [1] is an international group of clinical and basic scientists who work together to understand, treat, and cure tau-related neurodegenerative diseases (tauopathies). In the Kampmann lab, Ruilin has developed a CRISPR-based technology platform (CRISPRa) to manipulate gene expression in cultured human neurons, and he is applying this technology to understand the mechanisms by which disease-associated mutations in tau cause neurodegeneration, and to uncover potential therapeutic targets.

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