



COLLOQUIUM SEMINAR SERIES

MECHANISMS OF SENSITIVITY TUNING IN A CLASS OF RECEPTORS



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Every cell must translate extracellular information from chemical or physical signals to the biochemical language of the cell. This task is usually initiated by membrane receptors and often requires allosteric communication between the extracellular ligand-binding domain and the intracellular domain of the receptor. I will discuss how our lab uses single-molecule FRET and live-cell microscopy to discover how membrane-bound receptors get activated and how different drugs or membrane environment can modulate this activation process.

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featuring

Dr. Reza Vafabakhsh

Wednesday, March 22, 2023 | 3:30pm

Location: CCT2150