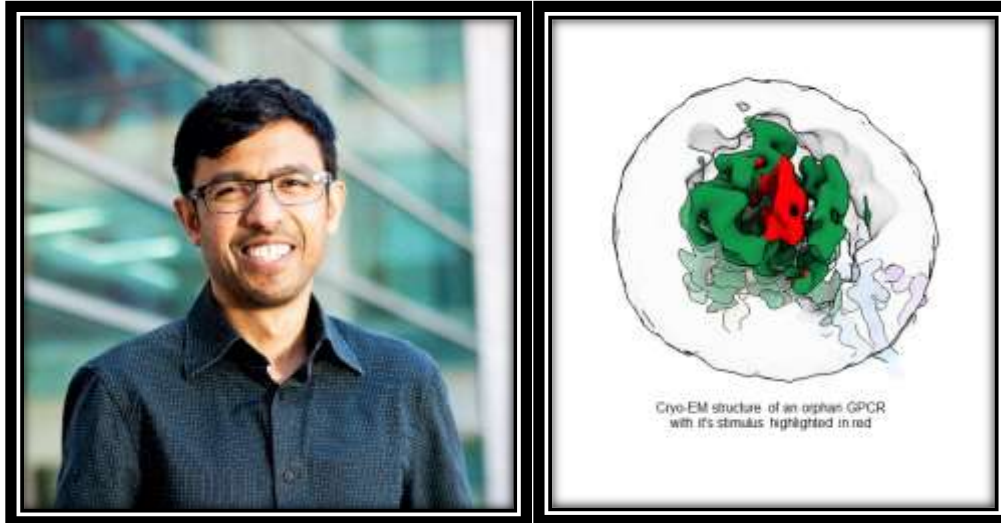


## Webinar

### *Solving molecular puzzles in GPCR signaling with cryo-EM*



## *Dr. Aashish Manglik*

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University of California, San Francisco

9:00 AM (PDT)/12:00 PM (EDT) Thursday, June 24, 2021

Cryo-EM has revolutionized structural studies of G protein-coupled receptors over the past few years. More facile structure determination of active GPCRs has enabled the field to understand the molecular basis of receptor function at an unprecedented pace. I will discuss our efforts to use cryo-EM structure determination to interrogate GPCRs that remain orphan or otherwise poorly understood. We envision that cryo-EM-enabled structures of transmembrane proteins will usher in a new era of structural biology as a hypothesis generating tool for the dark matter of the proteome.

All are welcome to attend. Registration is at no-cost, but sign-up is required:  
Registration Link: [https://us02web.zoom.us/webinar/register/WN\\_StSdLyVkrZK\\_PqpSqKyqZQ](https://us02web.zoom.us/webinar/register/WN_StSdLyVkrZK_PqpSqKyqZQ)

This webinar series is jointly hosted by the NIH Transformative High Resolution CryoEM Program Service Centers: the National Center for CryoEM Access and Training (NCCAT), the Pacific Northwest Center for CryoEM (PNCC), and the Stanford-SLAC CryoEM Center (S2C2) who provide no-cost access to cryoEM instrumentation and training. In this monthly series, we will highlight cryoEM methods and use the Q&A session after the seminar to stimulate discussion of best practices and interesting challenges that will be helpful to researchers new to the field. Representatives from all three service centers will also be on hand to answer questions about the CryoEM resources available to biomedical researchers and how to access them.