



The Department of Pharmacology

Proudly Presents the Seminar Series:

Frontiers in Pharmacology

"An inner life of GPCRs"

G protein-coupled receptors (GPCRs), long known to activate heterotrimeric G proteins in the plasma membrane, are increasingly recognized to mediate a 'second wave' of G protein activation after ligand-induced internalization. I will discuss current evidence supporting this hypothesis and some ongoing studies seeking to further test and extend it. Time permitting, I will mention ongoing work pertaining to GPCR signaling by arrestins.

Mark von Zastrow, PhD

Professor,

**Department of Psychiatry and Department of Cellular &
Molecular Pharmacology ,**

University of California, San Francisco

Tuesday, September 27, 2016

4:00 pm

GBSF Auditorium

(Rm. # 1005)

Light refreshments will be served.

Host : Johannes Hell

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