



## **The Department of Pharmacology**

Proudly Presents the Seminar Series:

### ***Frontiers in Pharmacology***

#### **“Physiology and Biophysics of Cardiac Pacemaking”**

Each beat of the heart begins as a spontaneous depolarization in specialized pacemaker myocytes in the sinoatrial node. The Proenza lab studies the ionic currents that drive pacemaking in single pacemaker cells and the response of the sinoatrial node to physiological challenges such as aging, diabetes, and exercise training.

**Catherine Proenza, PhD**

**Associate Professor,  
University of Colorado, Denver**

**Friday, July 21, 2017**

**4:00 pm**

**GBSF 4202**

*Light refreshments will be served.*

*Host : Eleonora Grandi*

*[egrandi@ucdavis.edu](mailto:egrandi@ucdavis.edu)*