



The Department of
Pharmacology

Proudly Presents the
Seminar Series:

Signaling

Neuroscience

Genomics

Frontiers in Pharmacology

Thomas E. DeCoursey, Ph.D.

Department of Molecular Biophysics and Physiology
Rush University Medical Center

***"The Intimate but Controversial
Relationship between Proton Channels
and the Phagocyte NADPH Oxidase."***

The elusive gene coding for the voltage-gated proton channel was finally identified in 2006. Electrophysiological properties of the channel will be described in the context of the newly identified protein. Proposed functions of proton channels will be discussed, especially in leukocytes, where proton channels are linked to NADPH oxidase activity. Ongoing controversies will be revealed for the amusement of the audience.

Friday, November 30th

**10:00 am
Auditorium (Room 1005)
in GBSF**