



文部科学省平成20年度科学技術振興調整費 女性研究者支援モデル育成 事業

# The 1<sup>st</sup> Meet the Role Model Seminar

Meet your role model and explore your possibilities

## "Purkinje Fiber Calcium Dysfunction in Arrhythmias"

**Tuesday, July 21<sup>st</sup>, 2009**

**17:00-18:00**

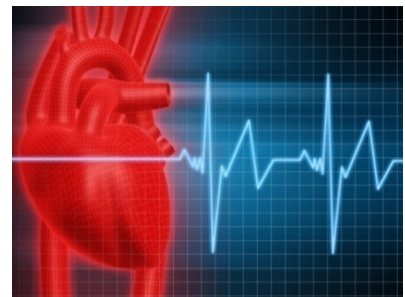
**Faculty Building of Dentistry 4F Auditorium**

**Penelope A. Boyden, Ph.D., FAHA**

PROFESSOR OF PHARMACOLOGY

Columbia University

Assoc Editor of AJP- Heart



*Cardiac electrophysiology; mechanisms of arrhythmias in experimental and naturally occurring animal models of disease*  
Research in our laboratory is dedicated to determining the electrophysiological basis of abnormal heart rhythms (cardiac arrhythmias). By studying whole heart, single cell electrophysiology and subcellular  $Ca^{2+}$  dynamics of diseased hearts, we can better understand how antiarrhythmic drugs work to terminate and/or prevent cardiac arrhythmias.



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