



## Prof. Richard Aldrich

Dr. Aldrich, an ion channel biophysicist, studies the structure and function of proteins involved in interand intracellular communication. Pioneered the study of physical mechanisms that determine whether ion channels are open or closed. He demonstrated a 'ball and chain' mechanism for shutting off potassium channels

and delineated how depolarization and calcium operate jointly to open calcium-activated potassium channels, thus illuminating both channel inactivation and activation. His lab developed a quantitative model of this process that is applicable to the study of other proteins.

## 中科院生物物理所55周年所庆系列报告



## Potassium Channel Gating by Calcium and Calmodulin

报告时间：

2013年6月26日下午14:00

报告地点：

蛋白质科学新楼9501会议室

主持人：王晋辉 研究员

主办单位：中国科学院生物物理研究所