



中国科学院生物物理研究所

## 贝时璋讲座

### Excitable Networks in Directed Cell Migration

**报告人：**Peter N. Devreotes  
美国国家科学院院士  
约翰霍普金斯大学  
细胞生物学系主任

**报告时间：**2017年11月17日10:00

**报告地点：**生物物理所 9501

**主持人：**蔡华清



### 报告人简介

Dr. Peter Devreotes is Isaac Morris and Lucille Elizabeth Hay Professor and Director of the Department of Cell Biology at Johns Hopkins University. His research focuses on understanding how cells perform directed migration, a process that is critical for morphogenesis, immune response, and is exploited in disease states such as cancer metastasis. He was the first to identify chemoattractant receptors and to demonstrate the asymmetric localization of signaling activities in migrating cells. His current research aims for a complete description of the excitable network controlling chemotaxis. He has served on the Council of the ASCB, the Advisory Boards of the Cell Migration Consortium, and the Allen Institute for Cell Science. He also founded the Gordon Conference on Directed Cell Migration.