

One-day symposium

New paradigms in fluorescence-based approaches to study membrane proteins

November 28th 2016, 9⁰⁰-17⁰⁰

Festauditoriet (A1-1.01), Bülowsvej 17, 1870 Frederiksberg C

- 09:00-09:10 Welcome
Ole Thastrup, Head of Department of Drug Design and Pharmacology
- 09:10-09:55 [Francesco Bezanilla, University of Chicago](#)
'Light to detect and stimulate'
- 09:55-10:40 [Teresa Giraldez, University La Laguna](#)
'Optoelectrical dynamics of large conductance voltage- & calcium-gated potassium channels'
- 10:40-11:00 - Coffee break -
- 11:00-11:45 [William Zagotta, University of Washington](#)
'Molecular dynamics measured with transition metal ion FRET and noncanonical amino acids'
- 11:45-12:30 [Christopher Ahern, University of Iowa](#)
'New methods for encoding discovery in single ion channels'
- 12:30-13:30 - Lunch -
- 13:30-14:15 [Dimitrios Stamou, University of Copenhagen](#)
'Recording transporter activity at the single-molecule level using a novel fluorescence-based technique with atto-ampere current sensitivity'
- 14:15-15:00 [Poul Nissen, Aarhus University](#)
'Structural dynamics of P-type ATPases studied by single-molecule FRET and time-resolved scattering techniques'
- 15:00-15:20 - Coffee break -
- 15:20-16:05 [Dirk Trauner, LMU Munich](#)
'Controlling Biological Function with Photopharmacology'
- 16:05-16:50 [Kevin Eggan, Harvard University](#)
'Modeling Diseases of the Nervous System Using Stem Cell Models and Optopatch'

Supported by:



Organizers: Hanne Poulsen & Stephan A. Pless