

EMBO

Practical Course

ORGANISER

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CONTENT

The objective of this course is to give an introduction to the methods that can be used to analyze lipid rafts in cells and model membranes. The challenge is to provide a practical guide to this complex field, in order to promote progress in understanding membrane subcompartmentalization.



The course will cover use of detergents and pitfalls, preparation of plasma membrane vesicles and spheres, GUVs, lipid protein interaction in model membrane systems, membrane order measurement techniques, lipid mass spectrometry, single molecule microscopy techniques (STED, Scanning FCS).



The programme for this event was reviewed and approved by the EMBO Courses & Workshops Committee.

LIPID RAFTS:

Methods for studying membrane organization

23 - 31st May 2010 | Dresden | Germany

SPEAKERS

Tobias BAUMGART

Philadelphia, USA

Petra SCHWILLE

Dresden, DE

Christian EGGELING

Göttingen, DE

Dimitrios STAMOU

Copenhagen, DK

Hai-Tao HE

Marseille, FR

Christoph THIELE

Bonn, DE

Ari HELENIUS

Zürich, CH

Ilpo VATTULAINEN

Tampere, FI

Andrej SHEVCHENKO

Dresden, DE

Sarah VEATCH

Ithaca, USA

Gerhard SCHÜTZ

Linz, AT

Felix WIELAND

Heidelberg, DE

<http://cwp.embo.org/pc10-08/>

