



Zakład Biofizyki oraz Zakład Cytobiochemii
Wydziału Biotechnologii Uniwersytetu Wrocławskiego
zapraszają na wykład pt:

Dynamics of the plasma membrane organization for efficient signaling: challenges and dreams

*Wykład wygłosi dr Didier Marguet, Centre d'Immunologie de
Marseille Luminy (CIML), Marsylia, Francja, a odbędzie się on we
wtorek,*

***12 grudnia 2017r. o godz. 9h15 w sali wykładowej Wydziału Biotech-
nologii.***

Summary:

During the lecture several points concerning the plasma membrane (PM) dynamics and organization will be presented and discussed: First, a historical point of view on the notion of lipid rafts/nanodomains and their studies using spot variation Fluorescence Correlation Spectroscopy (svFCS). Next, analysis of dynamics at the inner leaflet of the PM with the example of Ras proteins and T-cell receptor



(TCR) signaling. Finally, a short description on application of superresolution microscopy (STED and STORM) in the studies of PM organization will be provided.

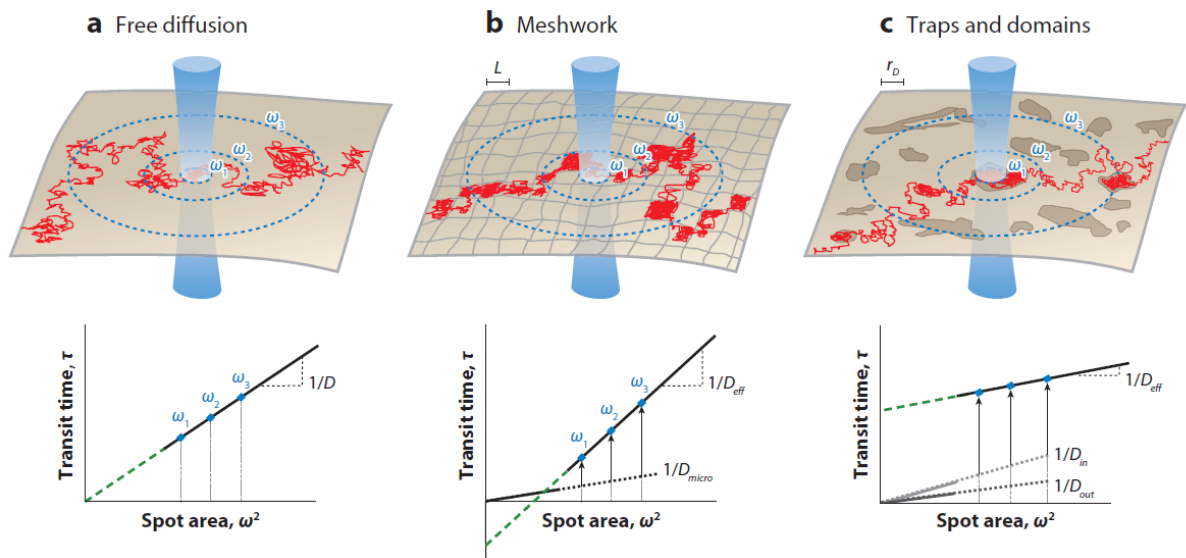


Figure: Studies of PM organization by svFCS; from He et Marguet, 2011.