

Workshop LigandTracer®

20 July 2017, Auditório Pedroso Lima, IBILI, Coimbra

Coordination: Maria Filomena Botelho and Ana Margarida Abrantes
In collaboration with: Uppsala University and RidgeView Instruments AB

Do you want to characterize molecular interactions in real-time in living systems?

Program:

9h30 – 9h45 - Introduction

9h45- 10h30 - Studying interactions in real-time.

- The importance of kinetics in molecular interactions;
- The importance of measuring interactions in living cells.

10h30 – 11h00 – Coffee Break

11h30 – 12h45 – Ligand Tracer and different applications.

- LigandTracer Green Fluorescence: Blue/Green, Yellow/Red or Red/NIR
- LigandTracer Grey - Low energy gamma, such as ^{125}I
- LigandTracer Yellow - High energy gamma, including ^{177}Lu , ^{111}In , $^{99\text{m}}\text{Tc}$, ^{18}F and ^{11}C
- LigandTracer White - Beta, e.g. peptides pre-labeled with ^{14}C or ^{35}S

12h45 – 14h00 – Lunch

14h00 – 15h30 – Practical Classes - Detection of protein-cell interactions in real-time using LigandTracer

15h30 – 16h00 – Break

16h00 – 17h30 – Practical Classes - Detection of protein-cell interactions in real-time using LigandTracer