

# Winter Course 2024

18<sup>th</sup> - 22<sup>th</sup> November

**Note that time zone is Portugal (GMT +1)**

## 18<sup>th</sup> November | Monday

9:00	<b>Registration</b>
9:30	Introduction to Mass Spectrometry-based Proteomics   Professor Capelo
10:30	Coffee break
11:00	Sampling and preservation of biopsies   Laura Mercolini
12:00	Networking Lunch
13:30	Hands-on I: Sample treatment and protein quantification   Professor Carvalho & Professor Domingos
16:00	Coffee break
16:30	Hands-on II: Filter Aided Sample Preparation (FASP)   Professor Carvalho & Professor Domingos

## 19<sup>th</sup> November | Tuesday

9:30	Hand-on II: Filter Aided Sample Preparation protocol (FASP) quantification   Professor Carvalho & Professor Domingos
10:30	Coffee break
11:15	MS-based proteomics applied to psychiatric disorders   Professor Daniel Martins-de-Souza
13:15	Networking Lunch
14:30	Hands-on II: Filter Aided Sample Preparation protocol (FASP) quantification   Professor Carvalho & Professor Domingos
16:00	Coffee break
16:30	Hands-on III: HPLC and Mass spectrometer visit   Professor Santos

## 20<sup>th</sup> November | Wednesday

9:30 Soon available | Professor Nataly

10:30 Coffee break

11:15 Bioinformatic I: MaxQuant | Luís B. Carvalho, Professor Santos & Capelo

12:30 Networking Lunch

14:00 Bioinformatic I and II: Perseus & Cytoscape | Luís B. Carvalho, Professor Santos & Capelo

16:00 Coffee break

16:30 Bioinformatic II: Cytoscape | Professor Carvalho, Santos & Capelo

## 21<sup>th</sup> November | Thursday

10:00 Implementation of Personalized Medicine in hospitals | Professor Simmaco

11:00 Coffee break

11:30 Bioinformatics I, II and III | Luís B. Carvalho, Professor Santos & Capelo

12:30 Networking Lunch

14:00 Bioinformatics III - dPPi | Luís B. Carvalho

16:00 Coffee break

16:30 ALL TOGETHER - Beach time  
@ Costa da Caparica

## 22<sup>th</sup> November | Friday

9:30 Total Protein Approach (TPA) | Professor Wisniewski

10:30 Coffee break

11:00 Bioinformatics III - TPA practical application | Professor Wisniewski

13:00 Networking Lunch