

# Summer Course 2024

3<sup>rd</sup> – 7<sup>th</sup> June

## 3<sup>rd</sup> June | Monday

9:00	Registration
9:30	Introduction to Proteomics   Professor Capelo
10:30	Coffee break
11:30	Introduction to Nanoparticles   Professor Lodeiro
12:30	Networking Lunch
14:00	Hands-on A: Nanosynthesis I   Professor Fernández & Professor Pedro Hands-on B: Proteomics I Professor Carvalho & Professor Domingos
16:00	Coffee break
16:30	Hands-on A: Proteomics I Professor Carvalho & Professor Domingos Hands-on B: Nanosynthesis I   Professor Fernández & Professor Pedro

## 4<sup>th</sup> June | Tuesday

9:00	Introduction to Biopsies Sampling and Preservation   Professor Mercolini
11:00	Coffee break
11:15	Hand-on A   B: Filter Aided Sample Preparation protocol (FASP)
13:15	Networking Lunch
14:00	Hand-on A   B: Filter Aided Sample Preparation protocol (FASP)
16:00	Coffee break
16:30	Hand-on A   B: Filter Aided Sample Preparation protocol (FASP)

## 5<sup>th</sup> June | Wednesday

9:30	Personalized Medicine & dPPi   Professor Carvalho
10:30	Coffee break
11:30	Hand-on A   B: MS data acquisition   Professor Carvalho, Santos & Capelo
12:30	Networking Lunch
14:00	Hand-on A   B: Bioinformatics I – MaxQuant   Professor Carvalho, Santos & Capelo
16:00	Coffee break
16:30	All together – Beach time   @ Costa de Caparica
19:30	Sunset   @ Costa de Caparica

## 6<sup>th</sup> June | Thursday

9:30	Personalized Medicine in 21 <sup>st</sup> century   Professor Jacinto
10:30	Coffee break
11:30	Hand-on A   B: Bioinformatics I – MaxQuant   Professor Carvalho, Santos & Capelo
12:30	Networking Lunch
14:00	Hand-on A   B: Bioinformatics II – Perseus & Cytoscape   Professor Carvalho, Santos & Capelo
16:00	Coffee break
16:30	Hand-on A   B: Bioinformatics II – Perseus & Cytoscape   Professor Carvalho, Santos & Capelo

## 7<sup>th</sup> June | Friday

9:00	Total Protein Approach (TPA)   Professor Wisniewski
10:30	Coffee break
11:00	Hands-on A   B: Bioinformatics III – Total Protein Approach   Professor Wisniewski
13:00	Networking Lunch