

10TH JULY 2017 (MONDAY)

09:00	Registration
09:30	Introduction to Proteomics
10:30	Coffee Break
11:30	Introduction to Nanoparticles
12:30	Networking Lunch
14:00	Hands-On: Proteomics I - Protein extraction, clean-up and total protein quantification
16:00	Coffee Break
16:30	Hands-On: Proteomics II - 2D-Gel Electrophoresis

11TH JULY 2017 (TUESDAY)

09:30	Hands-On: Proteomics II - 2D-Gel Electrophoresis
10:30	Coffee Break
11:30	Theory I
12:30	Networking Lunch
14:00	Hands-On: Nanosynthesis I - Synthesis of Nanoparticles
16:00	Coffee Break
16:30	Hands-On: Proteomics II - 2D-Gel Electrophoresis
17:30	ALL TOGETHER - Beach Time @ Costa da Caparica

12TH JULY 2017 (WEDNESDAY)

09:30	Theory II
10:30	Coffee Break
11:30	Theory III
12:30	Networking Lunch
14:00	Hands-On: Nanosynthesis II - Functionalization of Nanoparticles with Antibodies
16:00	Coffee Break
17:30	Roundtable Session

13TH JULY 2017 (THURSDAY)

09:30	Nano-Characterization I - UV-Vis
10:30	Coffee Break
11:30	Nano-Characterization II - DLS
12:30	Networking Lunch
14:00	Hands-On: Nano-immuno capturing - Isolating and characterization of target proteins using Nano-Antibodies
16:00	Coffee Break
17:00	ALL TOGETHER - Beach Time @ Costa da Caparica
19:30	SUNSET @ Costa da Caparica

14TH JULY 2017 (FRIDAY)

09:30

de novo peptide sequencing - Professor José Luís Capelo Martínez | FCT-UNL (Portugal)

10:30

Coffee Break

11:30

Nanodrugs and Proteomics - Professor Julia Ljubimova | Cedars-SINAI LA (USA)

12:30

Networking Lunch

14:00

Drug Delivery with Nano - Professor Holler Eggehard | Cedars-SINAI LA (USA)

15:00

Coffee Break

15:30

Proteogenomics - Professor William LaFramboise | University of Pittsburgh Cancer Institute (USA)

16:30

Roundtable Session

15TH JULY 2017 (Saturday)

14:00

VISIT TO SINTRA



16TH JULY 2017 (Sunday)

FREE DAY

17TH JULY 2017 (MONDAY)

09:30	Theory IV
10:30	Coffee Break
11:30	Theory VI
12:30	Networking Lunch
14:00	Hands-On: Bioinformatics I - 2D-Gel Analysis - Protein expression profiling
16:00	Coffee Break
16:30	Hands-on: Proteomics III - Proteomics sample preparation in-gel and in-solution digestion

18TH JULY 2017 (TUESDAY)

09:30	Hands-On: Proteomics III - Proteomics sample preparation
10:30	Coffee Break
11:30	Mass Spectrometry I - MS Sample Preparation
12:30	Networking Lunch
14:00	Mass Spectrometry II - MALDI TOF-MS - LC ESI MS/MS
16:00	Coffee Break
16:30	Mass Spectrometry II - MALDI TOF-MS - LC ESI MS/MS
17:30	ALL TOGETHER - Beach Time @ Costa da Caparica

19TH JULY 2017 (WEDNESDAY)

09:30	Theory IV
10:30	Coffee Break
11:30	Mass Spectrometry I - MS Sample Preparation
12:30	Networking Lunch
14:00	Mass Spectrometry II - MALDI TOF-MS - LC ESI MS/MS
16:00	Coffee Break
16:30	Mass Spectrometry II - MALDI TOF-MS - LC ESI MS/MS
17:30	Genomics I

20TH JULY 2017 (THURSDAY)

09:30	Bioinformatics II - Protein Id. and Quantification
10:30	Coffee Break
11:30	Bioinformatics II - Protein Id. and Quantification
12:30	Networking Lunch
14:00	Genomics II
16:00	Coffee Break
16:30	Genomics III
17:30	ALL TOGETHER - Beach Time @ Costa da Caparica
19:30	SUNSET @ Costa da Caparica

21ST JULY 2017 (FRIDAY)

09:30	Roundtable Session
12:00	Closing Remarks
12:30	Networking Lunch