2nd Edition
19 – 23 October 2020
Carry-le-Rouet, France

PEPPERSchool
PEPTIDE AND PROTEIN ENGINEERING:
FROM CONCEPTS TO BIOTECHNOLOGICAL APPLICATIONS

We are happy to announce the second edition of PEPPERSchool, an international thematic school that brings together chemists and biologists interested in engineering peptides and proteins endowed with unprecedented functionalities. These tailor-made systems can fulfil tasks that are not observed in nature but indeed needed to solve current societal challenges in health, energy and environment.

PEPPERSchool will bring together international scientists with complementary competences in the field of peptide and protein chemistry as well as molecular biology. The following topics will be covered:

- *State of the art chemical and biological tools* to produce peptides and proteins containing both proteinogenic and non-proteinogenic amino acids

- *Advanced methodologies to evolve and screen* for new activities:
  a. Construction of gene libraries
  b. Display technologies: phage display and ribosome display

- *Peptide and protein folding*

- *Site-selective modification of peptides and proteins*

PEPPERSchool is aimed for PhD students, post-doctoral researchers, principal investigators and any professionals from academia and industry wishing to learn and update their knowledge in the field of tailored-made peptide/protein production.

Instructors

Dr. Oleg Melnyk, UMR CNRS 8204, Centre d'Immunité et d'Infection de Lille, Lille, France
Dr. Birgit Wiltschi, Austrian Centre of Industrial Biotechnology – ACIB GmbH, Graz, Austria
Prof. Patrice Soumillion, Universite Catholique de Louvain, Louvain-la-Neuve, Belgium
Dr. Frédéric Pecorari, CRCINA - Inserm 1232, Université de Nantes, Nantes, France
Prof. Omar Boutureira, Universitat Rovira I Virgili, Tarragona, Spain
Dr. Vladimir Torbeev, Institut de Science et d'Ingénierie Supramoléculaires, Université de Strasbourg Strasbourg, France

Web page: https://eventos.fct.unl.pt/pepper_school/pages/home
Contact information: pepperschool18@gmail.com

We look forward meeting you at the second edition of **PEPPERSchool.**

On behalf of the organising committee,
Olga Iranzo