

# Cycle of Workshops in Forensic Genetics

25<sup>th</sup> - 26<sup>th</sup> October 2018

Porto, Portugal



**Workshop Location:** Department of Biology, Faculty of Sciences, University of Porto, Portugal.

**Address:** Two possible street entrances (please see figure below).

**Room:** 012 (Ground floor).

Rua do Campo Alegre 823  
4150-171 Porto



Via Panorâmica Edgar Cardoso 45  
4150-755 Porto

## Day 1: 25<sup>th</sup> of October 2018

### Disaster Victim Identification (DVI) – Applications and Statistics

- 9h** Registration and Workshop Material
- 9h30** Welcome Note (**António Amorim**, *Faculty of Sciences, University of Porto*)
- 9h45** **DVI: General principles and Theoretical framework**, **Nádia Pinto** (*Institute of Pathology and Immunology of the University of Porto, i3S, Center of Mathematics of the University of Porto, Portugal*)
- 11h** Presentation by PROMEGA
- 11h20** Coffee break (Sponsored by Promega)
- 12h** **Statistical methods for DVI: Power calculations and Searching**, **Thore Egeland** (*Norwegian University of Life Sciences, Ås, Norway*)
- 13h30** Lunch Break
- 14h30** **Practical application issues on DNA matching in DVI**, **Thomas Parsons** (*International Commission on Missing Persons*)
- 16h** Presentation by VEROGEN
- 16h15** Coffee break
- 16h45** **Demonstration of ICMP's matching DNA software (iDMS- identification Data Management System)**, **Azra Aljic** (*International Commission on Missing Persons*)
- 18h** Closing Remarks (*Organizing committee*)
- Social:**
- 19h30** **Tour, Cocktail and Dinner at Casa do Vinho Verde** ([www.vinhoverde.pt/casavinhoverde](http://www.vinhoverde.pt/casavinhoverde))

## Day 2: 26<sup>th</sup> of October 2018

### Non-Human Forensic Genetics

- 9h** **Phylogenetics: Theoretical concepts**, **Miguel Arenas** (*Department of Biochemistry, Genetics and Immunology, University of Vigo, Spain*)
- 10h30** Coffee break
- 11h** **Viral Forensics: Hepatitis C outbreak case analysis**, **Fernando González Candelas** (*Joint Research Unit Infection and Public Health FISABIO-University of Valencia, Institute for Integrative Systems Biology, I2SysBio (CSIC-UV)*)
- 12h30** **Species identification in forensics (SPInDel approach)**, **Filipe Pereira** (*Interdisciplinary Centre of Marine and Environmental Research, University of Porto, Portugal*)
- 13h30** Lunch break

### RNA Profiling in Forensic Casework

- 14h30** **RNA in forensics: Concepts and Applications**, **Iva Gomes** (*Institute of Pathology and Immunology of the University of Porto, i3S, Portugal*)
- 15h30** Presentation by QIAGEN
- 15h45** Coffee break
- 16h15** Presentation by THERMOFISHER
- 16h30** **RNA in Forensics: Developments, Interpretation and Casework examples**, **Titia Sijen** (*Netherlands Forensic Institute, The Hague, Netherlands*)
- 18h00** Closing Remarks (*Organizing committee*)