

XXII Jornadas de Genética Forense

GHEP-ISFG

Faculdade de Medicina
Universidade de Coimbra

Coimbra, Portugal
September 18-22, 2017



Workshop: “Quality in Forensic Genetic Laboratories under ISO 17025:2005”

Friday 22nd September, 2017

The accreditation of forensic genetics laboratories according to the international standard ISO/IEC 17025, guarantee the quality and accuracy of genetic results. During the last years, a large number of laboratories around the world has been accredited under the ISO/IEC 17025 standard and is currently a requirement for the laboratory of forensic genetics in Europe

This workshop aims to provide practical tools for those laboratories that plan to initiate the accreditation of ISO/IEC17025. Speakers with extensive experience in different aspects of the process of accreditation will try to offer, from a practical point of view, the keys to initiate the accreditation (ISO: 17025) of a forensic laboratory.

FULL DAY PROGRAM (Preliminar)

8:30 h -9:00 h

Introduction

Manuel Crespillo (INTCF_Barcelona: Servicio de Biología)

9:00 h-10:00 h

ISO 17025 standard and its application in Forensic Genetic Laboratories: Management Requirements

Rosalía Izquierdo (INTCF_Barcelona: Unidad de Garantía de Calidad)

10:00 h-11:00 h

ISO 17025 standard and its application in Forensic Genetic Laboratories: Technical requirements.

Koro Fernández (INTCF_Madrid: Unidad de Garantía de Calidad)

11:00 h – 11:30 h Coffee break

11:30 h-12:30 h

Test validation procedures (I): Amplification of STR markers and capillary electrophoresis detection.

Pablo Martín (INTCF_Madrid: Servicio de Biología)

12:30 h-13:30 h

Test validation procedures (II): Validation of preliminary methods, DNA extraction, and quantitation, softwares, statistical calculations, paternity tests.

Oscar García (Genética Forense, Unidad de Ciencias Forenses, Policía Científica – Ertzaintza)

13:30 h – 15:00 h COMIDA

15:00 h-16:00 h

The expert report

Manuel Crespillo (INTCF_Barcelona: Servicio de Biología)

16:00 h – 16:30h Coffee break

16:30 h-17:30 h

State of the Forensic Laboratories accreditation in Spain.

Susana Pedrosa (Unidad de Laboratorio -Área de Servicios- NASERTIC)

17:30 h-18:30 h

State of the Forensic Laboratories accreditation in Portugal.

Lisa Sampaio (INMLCF_Coimbra: Serviço de Genética e Biologia Forenses)