

I Module

Crime Scene & Forensic Genetics

Is a 2 week academic summer programme giving students the opportunity to participate in seminars and tutorials to learn more about criminal investigations.

The module, will focus on the crime scene to introduce participants to forensic genetics.

Lectures and speakers have been carefully selected in order to provide a perceptive overview, as well as, an in depth knowledge on different aspects of the trials where genetics has been used to solve crimes.

The Directors of RIS-Carabinieri and of the Scientific Police Service are invited speakers to offer participants the opportunity to immerse themselves in the challenging complexities of crime scene investigation.

I Module

I – Module – Crime Scene & Forensic Genetics								
1 June – 13 June 2015								
Week I								
Week 1 – 6 June	Mon. 1	Tues.2		Wed.3	Thu.4	Fri.5	Sat.6	San. 7
9.00 – 9.30	Welcome & participant registration	Tour of the city of Palermo and its wonderful surroundings	9.00 - 10.30	Crime Scene Investigation ² <i>Scientific Police</i>	Evidence Collection ⁵ <i>Carabinieri Force</i>	Expert Reports and Testimony ⁸ <i>Carabinieri Force</i>	Open seminars ¹⁰	Free Day
10.00 – 13.00	Course presentations ¹		10.45 - 13.15	Crime Scene Investigation ³ <i>Carabinieri Force</i>	Overview of Forensic Sciences ⁶ <i>Carabinieri Force</i>			
13.30 -14.30	Lunch provided by CERISDI		13.30 - 14.30	Lunch provided by CERISDI				
14.30 -15.30	Course presentations ¹	Free afternoon	14.30 - 15.30	Forensic Pathologist & Crime Scene Investigation ⁴	Pre-trial Proceedings DNA Evidence & Defence ⁷	Open seminars ⁹	Free Afternoon	
15.45 – 17.30			15.45 - 17.30					
						Dinner Talk with Speakers		
Week II								
Week 8–13 June	Mon. 8	Tues.9		Wed.10	Thu.11	Fri.12	Sat.13	San. 14
9.00 – 10.30	Biological evidence Evaluation ¹¹	Expert Report and Testimony ¹⁵		Overview of Forensic Sciences ¹⁸ <i>Scientific Police Service</i>	Quality standard & DNA casework ²² <i>Scientific Police Service</i>	Expert Reports and Testimony ²⁶ <i>Scientific Police Service</i>	Open seminars ²⁸	Free Day
10.45 – 13.15	Methods in Forensic Molecular Genetics-1 ¹²	DNA in Court ¹⁶		The Evolution of Quality Standards for Forensic DNA Analyses ¹⁹ <i>Scientific Police Service</i>	DNA analysis for Missing Persons in Mass Fatalities ²³ <i>Scientific Police Service</i>			
13.30 -14.30	Lunch provided by CERISDI							
14.30 -15.30	Methods in Forensic Molecular Genetics-2 ¹³	Overview of Forensic Sciences ¹⁷ <i>Scientific Police</i>		Quality, Standard and Accreditation ²⁰⁻²¹	T.T.V.I. - Thy Tsunami Victim Identification ²⁴	Open seminars ²⁷	Free Afternoon	
15.45 – 17.15			Methods in Forensic Molecular Genetics-3 ¹⁴					
						Certificate Ceremony & Farewell Dinner		

1 - Course presentations:

Antonina Argo , M.D. - Department of Sciences for the Promotion of Health G. D'Alessandro - University of Palermo: Forensic Pathologist
Elena Carra , Ph.D. - Department of Biological, Chemical and Pharmaceutical Sciences and Technologies - University of Palermo, Italy: Introduction of Forensic Genetics
Paola Di Simone , Ph.D. - Director Forensic Genetics Laboratory, Department of the Minister of Interior Scientific Police Palermo, Italy: Overview of Forensic Genetics: Police Laboratory's experience
Paola Maggio , Ph.D. - Department of Legal Sciences and Society - University of Palermo: DNA in Court
Carlo Romano , Major, Director of Biology Section - Carabinieri Scientific Investigation Department, Messina, Italy: Overview of Forensic Sciences and Carabinieri Force's experience
Clara Veneto , Lawyer - Veneto & Veneto Law Firm, via E. Q. Visconti, 61-Rome, Italy: DNA evidence & Defence

Courses/Module/ Speakers:

2, 17, 26 - Dr. Paola Di Simone , Ph.D. - Director Forensic Genetics Laboratory, Department of the Minister of Interior Scientific Police, Palermo, Italy
3, 6, 8, 9 - Major Carlo Romano , Director of Biology Section - Carabinieri Scientific Investigation Department, Messina, Italy
4, 10 - Prof. Antonina Argo , M.D. - Department of Sciences for the Promotion of Health G. D'Alessandro, University of Palermo, Italy
4, 10, 11 - Prof. Elena Carra , Ph.D. - Department of Biological, Chemical and Pharmaceutical Sciences and Technologies - University of Palermo, Italy
12, 13 - Prof. Edda Tobiasch , Ph.D. - Hochschule Bonn-Rhein-Sieg University of Applied Sciences - Bonn, Germany
5, 8, 9 - Cap. Enrico Di Luise - Carabinieri Scientific Investigation Department, Messina, Italy
7, 25, 28 - Clara Veneto , Lawyer - Veneto & Veneto Law Firm, via E. Q. Visconti, 61-Rome, Italy
23, 24, 27 - Nicolò Polizzi - Director Forensic Genetics Laboratory, Department of the Minister of Interior, Scientific Police, Palermo, Italy
14, 15, 28 - Prof. Gregorio Seidita , Ph.D. - Department of Pathobiology and Medical Biotechnology, University of Palermo, Italy
16, 28 - Prof. Paola Maggio , Ph.D. - Department Legal Sciences and Society, University of Palermo, Italy
18, 19, 22, 26, 27 - Dr. Paola Montagna , Ph.D. - Director Forensic Genetics Laboratory, Department of the Minister of Interior, Scientific Police Service, Rome, Italy
20 - Giuseppe De Vecchis , Engineer - Quality Assurance Consultant ANGQ, Rome, Italy
21 - Elisabetta Mei - Director Quality Assurance Forensic Genetics Laboratory of the Minister of Interior-Scientific Police Service, Rome, Italy

Open Seminars will be on current topics of the modules and will be offered in Italian language for Officers of the Italian Court and criminal justice professionals with availability of simultaneous translation in English if asked from participants.

I – Module – Crime Scene & Forensic Genetics
1 June – 13 June 2015
Week I

Monday 1 June

9.00 – 9.30	Registration
10.00 – 11.00	Opening addresses E. Carra (Palermo - I), P. Di Simone (Palermo - I), C. Romano (Messina - I)
11.00 – 11.30	<i>Coffee Break</i> Course Presentation
11.30 – 12.00	Introduction of Forensic Genetics E. Carra (Palermo - I)
12.00 – 12.30	Overview of Forensic Sciences: Carabinieri Force's experience C. Romano (Messina - I)
12.30 – 13.00	Overview of Forensic Genetics: Police Laboratory's experience P. Di Simone (Palermo - I),
13.30 – 14.30	<i>Lunch</i>
15.00 – 15.30	Forensic Pathologist & Forensic use of Bio-information: ethical issues A. Argo (Palermo - I)
15.30 – 16.00	Science in court: DNA's identity crisis P. Maggio (Palermo - I)
16.30 – 17.00	C. Veneto (Roma - I)

Tuesday 2 June

9.00 – 14.30	Tour of the city of Palermo and its wonderful surroundings <i>Free afternoon</i>
--------------	---

Wednesday 3 June

9.00 – 10.30	Crime Scene Investigation: Overview from Scientific Police P. Di Simone (Palermo - I)
10.30 – 11.00	<i>Coffee Break</i>
11.00 – 13.00	Crime Scene Investigation: Overview from Carabinieri Force C. Romano (Messina - I)
13.30 – 14.30	<i>Lunch</i>
15.00 – 16.00	Forensic Pathologist & Crime Scene Investigation A. Argo (Palermo - I)
16.00 – 16.15	<i>Break</i>
16.15 – 17.15	Forensic Pathologist & Crime Scene Investigation E. Carra (Palermo - I)

Thursday 4 June

9.00 – 10.30	Evidence Collection E. Di Luise (Messina - I)
10.30 – 11.00	<i>Coffee Break</i>
11.00 – 13.15	Overview of Forensic Sciences C. Romano (Messina - I)
13.30 – 14.30	<i>Lunch</i>
15.00 – 15.30	Pre-trial Proceedings DNA Evidence & Defence-1 C. Veneto (Roma - I)
15.30 – 15.45	<i>Break</i>
15.45 – 17.00	DNA Evidence & Defence (<i>open discussion</i>) C. Veneto (Roma - I)

Friday 5 June

- 9.00 – 10.30 Expert Reports and Testimony
E. Di Luise (Messina – I)
- 10.30 – 10.45 *Break*
- 10.45 – 13.15 Expert Reports and Testimony
C. Romano (Messina – I)
- 13.30 – 14.30 *Lunch*

Open Seminars for Officers of the Italian Court and criminal justice professionals

- 14.30 – 15.30 *Free Topic & Discussion*
E. Di Luise (Messina - I)
- 15.30 – 16.00 *Break*
- 16.00 – 17.00 *Free Topic & Discussion*
C. Romano (Messina - I)

Dinner Talk with Speakers

Saturday 6 June

Open Seminars for Officers of the Italian Court and criminal justice professionals

- 9.00 – 9.40 Medical Legal Death Investigation
A. Argo
- 9.40 – 10.45 The issue of uncertain DNA evidence
E. Carra
- 10.45 – 11.15 *Break*
- 11.15 – 13.00 Criticism on legal issues related to forensic science and investigations
A. Veneto, C. Veneto
Light Buffet Lunch
Free afternoon

Sunday 7 June Free day

I – Module – Crime Scene & Forensic Genetics Week II

Monday 8 June

- 9.00 – 10.30 Biological evidence Evaluation
E. Carra (Palermo - I)
- 10.30 – 11.00 *Coffee Break*
- 11.00 – 13.00 Methods in Forensic Molecular Genetics-1
E. Tobiasch (Bonn - D)
- 13.30 – 14.30 *Lunch*
- 15.00 – 16.00 Methods in Forensic Molecular Genetics-2
E. Tobiasch (Bonn - D)
- 16.00 – 16.15 *Break*
- 16.15 – 17.15 Methods in Forensic Molecular Genetics-3
G. Seidita (Palermo - I)

Tuesday 9 June

- 9.00 – 10.30 Expert Report and Testimony
G. Seidita (Palermo - I)
- 10.30 – 11.00 *Coffee Break*
- 11.00 – 13.10 DNA in Court
P. Maggio (Palermo - I)
- 13.30 – 14.30 *Lunch*
- 15.00 – 16.30 Overview of Forensic Sciences-1
P. Di Simone (Palermo - I)
- 16.30 – 16.45 *Break*
- 16.45 – 17.30 Overview of Forensic Sciences-2
P. Di Simone (Palermo - I)

Wednesday 10 June

- 9.00 – 10.30 Overview of Forensic Sciences
P. Montagna (Rome - I)
- 10.30 – 11.00 *Coffee Break*
- 11.00 – 13.00 The Evolution of Quality Standards for Forensic DNA Analyses
P. Montagna (Rome - I)
- 13.30 – 14.30 *Lunch*
- 15.00 – 15.30 Reliability of the analytical results in an ISO/IEC 17025 Accredited Laboratory of Forensic Genetics: Quality Assurance Introduction
G. De Vecchi (Rome - I)
- 15.30 – 15.45 *Break*
- 15.45 – 17.30 Quality Assurance Introduction & Laboratory experience
E. Mei (Rome - I)

Thursday 11 June

- 9.00 – 10.30 Quality standard & DNA casework
P. Montagna (Rome - I)
- 10.30 – 11.00 *Coffee Break*
- 10.45 – 13.15 DNA analysis for Missing Persons in Mass Fatalities
P. Montagna (Rome - I)
N. Polizzi (Palermo - I)
- 13.30 – 14.30 *Lunch*
- 15.00 – 16.00 T.T.V.I. - Thy Tsunami Victim Identification
N. Polizzi (Palermo - I)
- 16.00 – 16.15 *Break*
- 16.15 – 17.15 DNA Evidence & Defence
C. Veneto (Roma - I)

Friday 12 June

- 9.00 – 10.30 Expert Reports and Testimony
P. Montagna (Rome - I)
- 10.45 – 13.15 **TEST**
- 13.30 – 14.30 *Lunch*

Open Seminars for Officers of the Italian Court and criminal justice professionals

- 15.00 – 16.00 *Free Topic & Discussion*
P. Montagna (Rome - I)
- 16.00 – 16.15 *Break*
- 16.15 – 18.00 *Free Topic & Discussion*
N. Polizzi (Palermo - I)
P. Di Simone (Palermo - I)

Dinner Talk with Speakers

Saturday 13 June

Open Seminars for Officers of the Italian Court and criminal justice professionals

- 9.00 – 10.30 *Free Topic & Discussion*
P. Maggio (Palermo - I)
Free Topic & Discussion
- 10.30 – 10.45 *Break*
- 10.45 – 13.00 *Free Topic & Discussion*
G. Seidita, S. Procaccianti (Palermo - I)
Light Buffet Lunch
Free afternoon

Sunday 7 June Free day