

## **Dr Sarah GINO**

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### ***CURRICULUM VITAE***

Dr. Sarah GINO was born in Turin on December 23, 1969. She is married and has four children. Since August 2, 2022 she has been Associate Professor in Forensic and Legal Medicine at the Department of Health Sciences of the University of Eastern Piedmont. From July 1, 2018 to August 1, 2022 she has been Assistant Professor at the same University. Previously she was an assistant professor at the Faculty of Medicine and Surgery of the University of Turin from October 1, 2001 with affiliation to the Department of Anatomy, Pharmacology and Forensic Medicine and from January 1, 2013 to the Department of Public Health and Paediatric Sciences. From October 1, 2008 to December 31, 2012 she was enrolled in the II Faculty of Medicine and Surgery "San Luigi Gonzaga" of the same University; from January 1, 2013 to June 30, 2018 she enrolled at the School of Medicine of the University of Turin. She is Adjunct Professor of Forensic Medicine. She obtained the national scientific qualification for Associate Professor in the 2012 session and in the second quarter of 2018-2000 session.

### **EDUCATION**

Enrolled in the Faculty of Medicine and Surgery of the University of Turin in the academic year 1988-1989, she graduated on 25 October 1994, with 110/110 points and laude, dignity of the press, discussing an experimental thesis entitled "*Applications of polymorphisms of DNA to the identification of biological traces in forensic medicine: extraction and analysis techniques*".

Enrolled in the Graduate School of Forensic Medicine and Insurance of the University of Turin in the academic year 1994-1995, she obtained the diploma on November 10, 1998, with points 70/70 and laudee, dignity of the press, honorable mention, discussing an experimental thesis entitled "*The study of DNA polymorphisms: four years of work in the Criminal Sciences Laboratory*".

In academic years 2016-2017 she attended the postgraduate course in "Child Abuse and Neglect Diagnostics" of the University of Milan.

### **ACCADEMIC APPOINTMENT AND PROFESSIONALE STANDING**

In the years 1992-1994 she attended the laboratory of the Department of Clinical and Biological Sciences of the University of Turin at San Luigi Gonzaga Hospital in Orbassano, under the supervision of prof. Mario De Marchi and prof. Carlo Torre, dealing with the study of DNA polymorphisms in the forensic field. During this period, she organized the section of genetics and forensic genetics within the aforementioned laboratory.

In 1995 she organized the Forensic Genetics Section of the Criminal Sciences Laboratory - University of Turin, under the direction of prof. Carlo Torre. In 2004 she took care of the transfer of this section to the Institute of legal Medicine in Turin. The forensic genetics

laboratory dealt with identification investigations of traces, unknown corpses, paternity / consanguinity both for the Judicial Authority and for out-of-court proceedings and for the purposes of family reunification in relation to Directive 2003/86 / EC on the right of reunification family.

From July 1, 2012 to June 30, 2018 she was in charge of the Laboratory for the study of the corpses which, since 2001, receives donated corpses for the purpose of scientific study. The activity of the Laboratory was reported in the opinion of the National Bioethics Committee on the "Post-mortem body donation for study and research" approved on April 19, 2013 and published on May 20, 2013.

From November 1, 2012 to June 30, 2018 she was in charge of the Criminal Sciences Laboratory, today the "Carlo Torre" Criminal Sciences Laboratory (which included the Electron Microscopy and Forensic Genetics section).

Since December 2018 she has activated the Medical-Legal Laboratory with the Forensic Genetics Section at the Department of Health Sciences of the University of Eastern Piedmont. She was Director of the Graduate School of Forensic Medicine – University of Turin from October 2012 to March 2014.

She was a member of the Privacy Criticality and Health Data Working Group of the University of Turin.

From 2008 to 2012 she was a member of the Research Commission of the Department of Anatomy, Pharmacology and Forensic Medicine of the University of Turin.

From July 2012 to October 2015 she was a member of the Board of the Department of Public Health and Pediatric Sciences of the University of Turin. From November 2012 to October 2015 she was a member of the teaching commission of the same department.

From December 2012 to December 2015 she was a member of the Council of the School of Medicine of the University of Turin.

Since December 2018 she has been Head of Quality of the Department for Education for the Department of Health Sciences of the University of Eastern Piedmont.

Since 19 February 2020 she has been a member of the Ethics Committee in Novara.

From July 2020 she is the Responsible for the Training of the University Scientific Committee for Continuing Medical Education (ECM).

In the years 2004 and 2005 she operated within the framework of the agreement between the "San Giovanni Battista" Hospital of Turin and the Department of Anatomy, Pharmacology and Forensic Medicine (University of Turin) for the provision of consultancy for the assessment of death for the purposes of organ transplantation and for ethical-deontological opinions relating to the exercise of hospital activities (consent, experiments, doctor / patient relationships, didactic integration for staff).

From January 1, 2014 to January 31, 2016 she carried out activities in agreement with the A.O.U. City of Health and Science of Turin as medical director.

Since 2006 she has been actively collaborating with the "Sexual Violence Aid" (SVS) Center of the Sant'Anna Hospital of the A.O.U. City of Health and Science of Turin. Since 2009 he has been part of the "National Working Group for Child Abuse and Maltreatment".

In 2012-2013 she participated in the drafting of the "Guidelines for the collection of biological traces for the analysis of forensic genetics in the care path of the victims of sexual violence and / or maltreatment - Ge.F.I."

Since 2014 she has been part of the "Coordination of the Health Network for the reception and care of victims of sexual and domestic violence in the Piedmont Region".

From October 2020 she was appointed referent of the Piedmont Region for collaboration in the monitoring of the implementation of the "National Strategic Plan on Male Violence Against Women 2017-2020" for the Piedmont Region.

Since July 2018 she has participated at the meetings and working groups of the Maggiore della Carità University Hospital of Novara as part of the coordination of the Health Network for the prevention of gender-based violence and for the support of victims of violence and their children , as well as the training of health personnel in the field of gender-based violence.

Since October 2020 she has been involved in the management of the COVID laboratory at the CAAD - University of Eastern Piedmont, a reference laboratory of the Piedmont Region.

From 2010 until June 2018 she was in the Scientific Committee and referee of the journal with ISSN "Quaderni di Donne & Ricerca", published by Cirsde - University of Turin. From 2012 to 2014 she was referee of the journal "Minerva Medico-Legale". She is periodically consulted by international journals for the revision of scientific papers, in particular in the field of gender violence and forensic genetics.

In 2003 she was among the founding members of the “Società Piemontese di Medicina Legale” and she is currently vice president.

She is a member of the Italian Forensic Geneticists Association (GeFI), an Italian working group of the International Society for Forensic Genetics (ISFG).

From 2012 to 2014 she has been member of the Italian Forensic Pathologists Group (GIPF).

Since 2018 she has been a member of the Italian Society of Forensic Medicine (SIMLA).

Since 2019 she has been a member of the International Society of Forensic Genetics (ISFG).

From 1994 to today, she has continuously carried out the function of Expert for different Italian Court.

## **TEACHING AND LEARNING**

### **COURSES AND LECTURES DELIVERED AT UNIVERSITY OF TURIN**

#### **Medicine and Surgery Degree**

From 1995 to 2008 support teaching in the course "*Medicina Legale e delle Assicurazioni*"

From the academic year 2009-2010 to 2017-2018 assignment of the course "*Medicina Legale*" at Medicine and Surgery Faculty in "San Luigi Gonzaga".

From the academic years 2010-2011 to 2016-2017 assignment of the course "*Medicina Legale*" at Medicine and Surgery Faculty in Turin.

From the academic year 2004-2005 to 2017-2018 activation of the following complementary courses (Attività Didattica Elettiva):

- "*Forensic Genetics*"
- "*Human Identification in forensic sciences*"
- "*Human identification in forensic genetics and the inspection at the crime scene*"

From academic year 2013-2014 to 2017-2018 contributed at the course "*Approccio integrato alla soluzione dei problemi in medicina ed EBM*".

#### **Master in Cellular and Molecular Biology**

From 2009-2010 to 2017-2018, delivery of the course "*Forensic Genetics and Legal Medicine*".

### **Bachelor of Science in Nursing**

From the academic year 1999-2000 to 2000-2001 teaching support in "*Diritto Sanitario, Deontologia Generale e Bioetica Applicata*" (course "*Medicina Legale*") in Aosta.

In the academic year 2002-2003 teaching support at "*Medicina Legale*" at "San Luigi Gonzaga" in Orbassano.

From the academic year 2002-2003 to 2007-2008 delivery of the course "*Medicina Legale*" in "*L'evoluzione storica, etica e giuridica della professione infermieristica*" in Aosta.

From the academic year 2003-2004 to 2005-2006 delivery of the course "*Medicina Legale*" in "*Storia, diritto e deontologia*" in Cuneo.

From the academic year 2006-2007 delivery of the course "*Medicina Legale*" in "*Storia, diritto e deontologia*" at "San Luigi Gonzaga" - Group B.

In the academic year 2008-2009 delivery of the course "*Medicina Legale*" in "*Storia, diritto e deontologia*" in Torino – Group C.

From the academic year 2009-2010 to 2018-2019 delivery of the course "*Medicina Legale*" in "*Storia, diritto e deontologia*" at San Luigi di Orbassano - Group A.

As part of the Bachelor Science in Nursing at "San Luigi Gonzaga", she held the role of Commission President and substitute for the MIUR representative in the qualifying exams practice the profession and the discussion of the degree thesis.

### **Bachelor in Biomedical Laboratory Techniques, in Cuneo**

For the academic year 2003- 2004 2004-2005, 2006-2007 and 2008-2009 delivery of the course "*Medicina Legale*" in "*Igiene e medicina legale e del lavoro*".

### **Bachelor in Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro**

For the academic year 2011-2012 and 2012-2013 delivery of the courses "*Criteri medico legali per le malattie da lavoro*" and "*Disposizioni legislative e medicina del lavoro*" in "*Controllo sanitario nella prevenzione*".

### **Bachelor in Pediatric Nursing**

From the academic year 2013-2014 to 2017-2018 delivery of the course "*Medicina legale e bioetica*" in "*Etica e deontologia professionale*".

### **Bachelor in Obstetrics**

From the academic year 2013-2014 to 2017-2018 delivery of the course "*Medicina legale*" in "*Bioetica e deontologia ostetrica*".

### **Graduate Schools**

She has taught since the 2003-2004 in many graduate schools:

- Legal Medicine (Laboratory techniques; Identification; Medical ethics and health legislation; Forensic Genetics; Forensic pathology; Gender Violence; Principle of Legal Medicine; Penalistic legal medicine; Thanatology)
- Pediatrics (Legal Medicine)
- Medical Genetics (Legal Medicine)
- Odontostomatological surgery (Legal Medicine)
- General Surgery (Legal Medicine)
- Hygiene and public health (Legal Medicine)
- Occupational Medicine (Medicina Legale)

### **Specialization course and master**

In the academic year 1995-1996 and 1996-1997 teaching in "*Tecniche di biologia molecolare applicate alla medicina forense*" at the Specialization Course in "*Diagnostica Molecolare in Medicina*".

From 1997-1998 to 2002-2003 teaching in "*Ematologia e genetica forense*" at the specialization course in "*Criminalistica Medico-Legale*".

Since the academic year 2017-2018 teaching in "*Medicina Legale*" at the Master "*Andrologia – Andrea Tamagnone*".

### **COURSES AND LECTURES DELIVERED AT UNIVERSITY OF EASTERN PIEDMONT**

#### **Medicine and Surgery Degree**

For the academic year 2018-2019 activation of the following complementary courses (Attività Didattica Elettiva): "*Violenza di genere*" e "*Genetica Forense*".

From the academic year 2019-2020 delivery of the course "*Medicina Legale*" (1CFU/4CFU) in "*Medicina Legale e del Lavoro*".

From the academic year 2019-2020 activation of the following complementary courses (Attività Didattica Elettiva): "*Esperienza di laboratorio - Le ossa: il punto di vista dell'anatomico e del medico legale*".

#### **Bachelor of Science in Nursing**

From the academic year 2018-2019 delivery of the course "*Medicina Legale*" in "*Organizzazione e gestione dei processi assistenziali*".

#### **Bachelor in Physiotherapy**

From the academic year 2019-2020 delivery of the courses "*Medicina Legale*" and "*Bioetica*" in "*Medicina Legale e Bioetica*".

#### **Bachelor in Biomedical Laboratory Techniques**

From the academic year 2019-2020 delivery of the course "*Medicina legale*" in "*Organizzazione di Laboratorio Biomedico*".

#### **Bachelor in Igiene Dentale**

From the academic year 2019-2020 delivery of the course "*Medicina Legale*" in "*Scienze medico legali e gestionali*".

#### **Bachelor in Medical Radiology Techniques for Imaging and Radiotherapy**

From the academic year 2019-2020 delivery of the course "*Medicina legale*" in "*Medicina legale, Bioetica e Psicologia del lavoro*".

#### **Bachelor in Biotechnologies**

From the academic year 2018-2019 complementary courses (Attività Didattica Elettiva): "*Genetica Forense ed elementi di medicina legale*".

#### **Master Degree in Nursing and Midwifery Sciences**

From the academic year 2019-2020 delivery of the course "*Medicina Legale*" in "*Qualità e Risk management nella sanità*".

## **Master Degree in Medical Biotechnologies – curriculum System Biomedicine**

From the academic year 2020-2021 delivery of the course “*Forensomics*”.

### **Graduate Schools**

Since 2018-2019 she teaches “*Medicina Leglae*” in many graduate schools:

Orthopedics and Traumatology,  
Otolaryngology,  
Radiodiagnostics,  
Radiotherapy,  
Pediatrics,  
Gynaecology and Obstetrics,  
Anesthesia, Intensive Care and Pain.  
Physical and Rehabilitation Medicine.  
Psychiatry.

### **PhD**

Since the 25th cycle she has been in the teaching staff of the PhD in “*Food, Health and Longevity*”. This PhD is accredited by MIUR as an International and Interdisciplinary Doctorate.

Co-supervisor of the self-funded PhD proposed by Dr. Noemi Procopio (Principal supervisor) - Northumbria University, “*The forensic microbiome: investigation of the human microbiome for time since death estimation and human identification*”.

### **Specialization course and master**

From the academic year 2020-2021 assignment of the course “*Lega Medicine*” in the “*Disability and social inclusion*” Master.

For the academic year 2020-2021 assignment of a seminar entitled “*Medico-legal aspects*” (10 hours) in the 1st level Master in “*Emergency medicine and critical area for nurses*”;

For the academic year 2020-2021 assignment of a didactic seminar entitled “*Elements of law and professional responsibility*” in the 1st level Master in “*Nursing in the operating room*”.

For the academic year 2021-2022 assignment of the module “*Medical legal and ethical aspects in the paediatric emergency*” in the 1st level Master in “*Paediatric Nursing and Neonatology*”.

### **VISITING FELLOW**

In the academic year 2020-2021 she obtained the title of “*Visiting Fellow*” at Northumbria University (UK).

## GRANTS AWARDED AND COLLABORATION AGREEMENTS

### UNIVERSITY OF TURIN

- 2004: Co-P I (universitary funds ex-60%) "*Analysis of microsatellites of maternal and fetal DNA in the human placenta, in function of observation times, storage methods and different laboratory techniques*".
- 2005: PI (universitary funds ex-60%) "*Study of STR polymorphisms of the Y chromosome in a Piedmontese population sample: definition of haplotypic frequencies for the statistical evaluation in forensic cases*".
- 2006: PI (universitary funds ex-60%) "*Study of mitochondrial DNA mutations in hair formations of HIV-positive patients treated with nucleosid-analogue reverse transcriptase inhibitors*".
- 2006: PI ("Regione Piemonte Bando per il finanziamento di Progetti di ricerca sanitaria finalizzata Anno 2006) "*Methods of research of seminal fluid in victims of sexual violence: comparative study for the purpose of genetic identification of the perpetrator*".
- 2007: PI (universitary funds ex-60%) "*Analysis of haplogroups of the Y chromosome by "minisequencing" method: study of sensitivity and specificity in mixed biological traces*".
- 2008: PI (universitary funds ex-60%) "*Genetic variability of the Y chromosome in the Piedmont population*".
- 2008: Collaborating Researcher ("Regione Piemonte Bando per il finanziamento di Progetti di ricerca sanitaria finalizzata Anno 2008) "*Genetic variability of the Y chromosome in the Piedmont population*".
- 2012: Co-PI (universitary funds ex-60%) "*Identification of biological fluids and tissues through the study of mRNA: applications in forensic genetics*".
- 2013: PI (universitary funds ex-60%) "*Typing of human DNA from biological traces subjected to decontamination*".
- 2014: PI (universitary funds ex-60%) "*Out-of-court investigations of consanguinity: analysis of the cases that came to the attention of the Forensic Genetics Laboratory from 2010 to 2015 and evaluation of the ethical and legal aspects related to them*".
- 2015: PI (universitary funds ex-60%) "*Murder or femicide? Case study analysis of the Turin sector from 1970 to 2015*".
- 2016: Collaborating Researcher (universitary funds ex-60%) "*Evaluation of the impact of maxillofacial surgery in personal identification in the legal medical field*".
- Promoter of the cooperation agreement signed between the Department of Public Health and Pediatric Sciences - University of Turin and the Department of Chemical and Biological Sciences - University of Huddersfield (United Kingdom) in order to exchange knowledge and skills in forensic, entomological, biological and analytical sciences fields (December 2013 - December 2018).
- Promoter of the Scientific collaboration agreement between the Criminal Sciences Laboratory of the Department of Public Health and Pediatric Sciences - University of Turin, head of Dr. Sarah Gino, and the Sexual Violence Aid Center of the Sant'Anna Hospital of Turin - University Hospital City of Health and Science of Turin, head of Dr. Paola Castagna, in the context of research activities in the field of sexual violence and maltreatment in pregnancy and problems relating to migrant women (2016-2019).
- Promoter of the Scientific collaboration agreement between the Criminal Sciences Laboratory of the Department of Public Health and Pediatric Sciences - University of Turin,

head of Dr. Sarah Gino) and the Interdepartmental Degree in Criminological and Forensic Psychology, Department of Psychology and Department of Law, University of Turin, President Prof. Georgia Zara for a research project on "Intimate Partner Violence" (IPV). This project is aimed at investigating the issues related to IPV by analyzing them both from the legal medical point of view and from the psycho-criminological point of view (period 2016-2019). The project was submitted and positively evaluated by the Bioethics Committee of the University of Turin in date 21 May 2018.

- Coordinator, with Prof. Luciana Caenazzo of the University of Padua, of the collaborative project "Sexual Violence" of the Italian Forensic Geneticists Group (GeFI), submitted and positively evaluated by the Bioethics Committee of the University of Turin on 21 May 2018.
- Main Researcher for the promoter (Department of Public Health and Pediatric Sciences - University of Turin) of the research project "Evaluation of the accuracy of prediction of the time of death on cadaveric blood by means of expression analysis of circadian genes" approved by the Ethics Committee AOU City of Health and Science of Turin - AO Ordine Mauriziano of Turin - ASL Città di Torino of Turin (communication of 7 August 2017).
- Admitted to the funding of basic research activities, pursuant to art. 1, paragraphs 295 and following of the law of 11 December 2016, n. 232.

#### **UNIVERSITY OF EASTERN PIEDMONT**

- Scientific collaboration agreement for the conduct of research activities between the Sexual Violence Rescue Center of the Sant'Anna Hospital of Turin (scientific director Dr. Paola Castagna) and the Department of Health Sciences (scientific director Dr. Sarah Gino ) in the context of research activities in the field of sexual violence and maltreatment in pregnancy and problems relating to migrant women (2018-2023).
- 2019: Collaborating Researcher (Progetto FAR2017\_ Department of Health Sciences) "Effect of topical probiotics on wound healing in the oral cavity: in vitro study on a 3D model of oral mucosa and in vivo";
- Scientific collaboration agreement for carrying out scientific research activities between the National Research Council (CNR) - Institute for the sustainable protection of plants (scientific director Dr. Stefano Ghignone), University of Eastern Piedmont - Department of Health Sciences (director scientific Dr. Sarah Gino) and the University of Turin - Department of Life Sciences and Systems Biology (scientific director Dr. Samuele Voyron) in the study of forensic microbiology for the purposes of personal identification, definition of the causes of death and time of death (2021-2022).

#### **DISSEMINATION**

##### **INVITED PRESENTATIONS IN THE LAST FIVE YEARS**

- Training course on gender violence "*Violenza di genere. Analisi delle diverse forme di violenza e della rete per il sostegno delle vittime*", "*Aspetti medico-legali della violenza di genere. Quando e chi deve fare denuncia?*", Azienda Ospedaliero-Universitaria San Luigi Gonzaga di Orbassano, October 7, 2016;
- Training course on gender violence "*La presa in carico della donna dopo la violenza domestica*", "*Aspetti epidemiologici e medico legali*", ASL Asti, September 30, 2016;



- Training course on gender violence “*Accoglienza ospedaliera della donna dopo violenza sessuale e maltrattamento in gravidanza*”, “*Aspetti medico-legali*”, Città della Salute e della Scienza di Torino, (May 10 and 24, 2016);
- Training course on gender violence “*Violenza di genere e violenza sui minori. Analisi del fenomeno e delle diverse professionalità per la presa in carico*”, “*Aspetti medico-legali della violenza di genere. Quando e chi deve fare denuncia?*”, Azienda Ospedaliero-Universitaria San Luigi Gonzaga di Orbassano, May 18, 2017;
- Training course on gender violence “*Accoglienza ospedaliera della donna dopo violenza sessuale e/o maltrattamento in gravidanza*”, “*Aspetti medico legali*”, Città della Salute e della Scienza di Torino, (June 8 and 13, 2017);
- Training course on gender violence “*Violenza Domestica e Sessuale. Analisi del Fenomeno e delle Professionalità per la Presa in Carico*”, “*Aspetti medico legali*”, AO Ordine Mauriziano di Torino, November 13, 2017;
- Training course on gender violence “*Violenza Domestica e Sessuale. Analisi del Fenomeno e delle Professionalità per la Presa in Carico*”, “*Aspetti medico legali*”, AO Ordine Mauriziano di Torino, Febbraio 20, March 13, May 15, October 9, November 20, 2018 and January 22, 2019);
- Training course on gender violence. “*L’accoglienza e l’accompagnamento della donna vittima di violenza*” *Riconoscere la violenza domestica e sessuale: i segnali fisici e psicologici. Il maltrattamento in gravidanza. Aspetti medico legali*”, ASL Alessandria (I edition October 19 and 24, 2018 – II edition November 12 and 19, 2018 – III edition February 20 and 25, 2019);
- Training course on crime scene “*Scena del crimine e violenza. Approccio multidisciplinare: ruoli e responsabilità*”, “*Il ruolo del Medico Legale: il sopralluogo sulla scena, la constatazione di decesso. Note medico-legali*”, Fossano, October 27, 2018;
- Training course on gender violence “*Violenza di genere e violenza sui minori. Analisi del fenomeno e delle diverse professionalità per la presa in carico*”, “*Aspetti medico-legali della violenza di genere. Quando e chi deve fare denuncia?*”, Azienda Ospedaliero-Universitaria San Luigi Gonzaga di Orbassano, November 12, 2018;
- Regional training course on gender violence “*Alza lo sguardo ...*”, “*Aspetti medico-legali*”, A.O.U. Città della Salute e della Scienza di Torino, Presidio Sant'Anna, February 26, 2019;
- Regional training course on gender violence “*Alza lo sguardo ...*”, “*Aspetti medico-legali*”, corso base regionale di sensibilizzazione sulla violenza di genere, A.O.U. Maggiore della Carità di Novara, April 3, 2019;
- V Corso biennale di formazione specialistica dell’Avvocato Penalista, Scuola Nazionale di formazione Specialistica dell'Avvocato Penalista “*La prova scientifica, Il punto di vista del medico legale e del genetista forense*”, Roma, 6 luglio 2019;
- Evento formativo “*La prova scientifica questioni controverse e dinamica processuale*” Camera Penale di Padova “*Francesco De Castello*”, Scuola Territoriale “*Franco Antonelli*”, Padova, 10 ottobre 2019;
- Training course on gender violence “*Violenza sessuale e di genere*”, “*Aspetti medico legali*”, Presidio Ospedaliero di Borgomanero, November 15, 2019);
- Information meeting for operators of the Territorial Emergency 118, “*La violenza di genere: Aspetti clinici, di intervento e medico-legali*”, Piemonte 118 sede operativa di Grugliasco, (November-December 2019);
- Seminar on gender violence “*Dal mito al processo: dialogo tra saperi. Giornata internazionale per l’eliminazione della violenza contro le donne*”, “*la violenza nei confronti*

- delle donne: definizioni e caratteristiche di un fenomeno globale*", Novara November 26, 2019 and Alessandria December 3, 2020;
- Information meeting on forensic genetics "*DNA prova regina?*", Università della Terza Età di Novara, November 28, 2019;
  - Conference in memory of Giovanni Gasti, on the 150th anniversary of his birth, "*Dalle impronte digitali al riconoscimento dell'iride: il corpo umano come oggetto e mezzo di investigazione*", "*Identificazione personale: dagli albori all'era del DNA*", Alessandria, December 20, 2019;
  - Regional training course on gender violence "*Alza lo sguardo ...*", "*Aspetti medico-legali*", corso base regionale di sensibilizzazione sulla violenza di genere, Ospedale Mauriziano Umberto I, January 29, 2020;
  - NextGen Omics Series UK: Virtual "*12th Annual Next Generation Sequencing & Clinical Diagnostics Congress*", "*Microbiome analysis for forensic human identification: what do we know so far?*", November 4-6, 2020.
  - Training course on gender violence "Presentazione della Procedura Aziendale: violenza di genere", AOU Maggiore della Carità di Novara, (September-October 2020).
  - Seminario di Studi "Medicina e Diritto in dialogo", "La medicina legale nella protezione dei diritti umani", Padova, 18 dicembre 2020 (evento accreditato per le professioni sanitarie e gli avvocati).

#### **ORGANIZATION OF TRAINING EVENTS**

- Laboratory for the study of the corpse, courses on cadavers donated for study purposes:
  - "*Cadaverlab di protesi di primo impianto e revisione di ginocchio*", February 11, 2013;
  - "*Corso pratico di anatomia chirurgica e traumatologia della spalla e del gomito*", February 12, 2013;
  - "*Corso pratico di anatomia chirurgica e traumatologia di avambraccio, polso e mano*", March 19, 2014;
- Institute of Forensic Medicine, Graduate School in Forensic Medicine - "*Incontri medicolegali*":
  - March 6, 2013: "*La responsabilità professionale: il punto di vista del giurista*";
  - April 17, 2013: "*La responsabilità professionale: il punto di vista del medicolegale*";
  - May 15, 2013: "*La consulenza medicolegale in tema di lesioni personali*";
  - June 12, 2013: "*La consulenza medicolegale in tema di cause della morte*";
  - July 3, 2013: "*Il segreto professionale*";
- Institute of Forensic Medicine, "*Maltrattamento ed abuso sessuale nel minore e nell'adulto: aspetti giuridici e medicolegali*", May 4 -5, 2012, January 19 and February 2, 2013;
- Institute of Legal Medicine, "*Diritto Canonico: fondamenti e applicazioni pratiche*", 3-4 October 3-4/November 7-8, 2014.

## RESEARCH CONTRIBUTION

### PAPER PUBLISHED ON JOURNAL WITH IMPACT FACTOR

1. TORRE C., GINO S., “Epidermal Cells on Stubs Used for Detection of GSR with SEM-EDX: Analysis of DNA Polymorphisms”, *Journal of Forensic Science*, 41(4): 658-659, 1996.
2. VARETTO L., GINO S., “A case of downhill-skiing death as a result of transection of thoracic aorta”, *Minerva Medicolegale*, 117: 93-94, 1997.
3. GINO S., “Il mesotelioma (valutazione clinica e medicolegale in ambito INAIL)”, *Minerva Medicolegale*, 118(4): 179-186, 1998.
4. GINO S., ROBINO C., TORRE C., IORIO M., PERUCCIO D., “LDLR, GYPA, HBG, D7S8 and GC allele and Genotype Frequencies in the Northwest Italian Population”, *Journal of Forensic Sciences*, 44(1): 171-174, 1999.
5. ROBINO C., GINO S., TORRE C., “Allele frequencies for the Powerplex 16 STR loci in an Albanian population sample from Northern Italy”, *Journal of Forensic Sciences*, 46(4): 998-9, 2001.
6. ROBINO C., SIRAGUSA R., VASINO V., GINO S., “Identificazione genetica e processo penale. Le legislazioni europee”, *Minerva Medicolegale*, 121(1): 53-67, 2001.
7. ROBINO C., GINO S., RICCI U., GRIGNANI P., PREVIDERE C., TORRE C., “Y-chromosomal STR haplotypes in an Albanian population sample”, *Forensic Science International*, 129(2): 128-130, 2002.
8. ROBINO C., GINO S., INTURRI S., TORRE C., “Northwest Italian population data for thirteen tetrameric and two pentameric STR loci”, *Journal of Forensic Sciences*, 49(2): 405-406, 2004.
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Novara, 25<sup>th</sup> July 2023