

Curriculum vitae: Dr. AnnaBarbaro



Dr. Anna Barbaro, PhD

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RESEARCHER ID: R-5315-2016

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Instruction

Diploma of Bachelor in Biological Sciences (BSc) achieved at the University of the Studies of Messina, in July 1992 with 110/110 voting and Praise.

Diploma at the School of Specialization (3 years course) in Applied Genetics (Cytogenetic and Molecular Genetics) achieved at Rome University of Studies “La Sapienza”, in March 1996 with 70/70 voting and Praise.

Qualification for the exercise of the Profession of Biologist achieved at Rome University of Studies “La Sapienza” in 1997.

Master Diploma (MSc) of “Improvement in Psychological and Behavioural Techniques of the Criminal Investigation” achieved at Rome University of Studies “La Sapienza” in 1998.

Diploma of Advanced Studies (DEA) in Forensic Genetics achieved at the University of Santiago de Compostela (Spain), in July 2006.

Diploma of European PhD in Forensic Genetics achieved at the University of Santiago de Compostela (Spain), in May 2013.

Certificate of “Intermediate Crime Scene Investigator” released by NFSTC in March 2014

Diploma of “Superior Expert in Criminal Profiling” – Escuela Superior Criminalística (Spain) – November 2015

Diploma in “Criminal Investigation Expert” – Escuela Superior Criminalística (Spain) – December 2015

Diploma of the Course in “Criminalistics: Specialized in the Crime Scene”
CFEC - Centro de Formación Estudio Criminal – December 2018

Additional Competences

Inscription in the Register of the Italian National Order of Biologists (ONB)

Inscription in the Register of technical consultants for the Civil Tribunal

Inscription in the Register of technical consultants for the Penal Tribunal

ANECA (Spain) certification as University Professor.
- PROFESORA CONTRATADA DOCTORA n° 2022/01037
- PROFESOR/A AYUDANTE DOCTORA n° 2022/01038

Professional experiences	Chief of the Forensic Genetics Department at Studio Indagini Mediche E Forensi (SIMEF) in Reggio Calabria, Italy
Since 1997 Since 1997	Activity as Forensic Genetist Expert for Italian Prosecutors or Courts of Justice
Since 2011	Founder and President of the Worldwide Association of Women Forensic Expert (WAWFE)
Since 2015	Honorary Dean of the “Escuela Superior de Criminalística y Criminología” (Spain)
Since 2003	Professor of Forensic Genetics at the Master of II level in Forensic Science, University of Rome “La Sapienza”
Since March 2018	Collaborator of CINQUIFOR – University of Alcalá de Henares (Spain)
Since September 2020 to December 2022	Post – Doctoral Researcher - University of Alcalá de Henares (Spain)
Since December 2022 to February 2023	Professor of Forensic Biology and CSI in the Master in Criminalistics at the International Institute for Global Security Studies (INISEG), Spain
Since January 2023 to December 2023	Chief of the Forensic Genetics Department at Studio Indagini Mediche E Forensi (SIMEF) in Reggio Calabria, Italy
Since October 2023 to January 2024	Professor of Legal and Forensic Medicine in the Degree in Criminology at ESERP - University Juan Carlos, Spain
Since February 2024 to July 2024	Post – Doctoral Researcher - University of Alcalá de Henares (Spain) in a European Project
Since January 2024 to February 2024	Professor of Forensic Biology and CSI in the Master in Criminalistics at the International Institute for Global Security Studies (INISEG), Spain-online
Since January 2024	Professor of Legal and Forensic Medicine at the Institute of Forensic Sciences - University Popular of Milan (Italy) – online
Since September 2024	Professor of Forensic Biology at the European Institute of Forensic Science, Malta
Additional Professional experiences	Since 1996 to 2000 invited during the Degree Course in Biology and the School of Specialization in Applied Genetics, to give talk about Forensic DNA Analysis topics at the Department of Genetics and Molecular Biology “C. Darwin” at the University of Studies “La Sapienza” in Rome. -In October 2002 and July 2005 invited lecture at the School of Specialization in Legal Medicine of University of Casablanca (Morocco) Since the academic year 2003/2004 to now Professor of

Forensic Genetics at Master of II Level in Forensic Sciences held at the University of Studies "La Sapienza", in Rome (Italy)

In March 2009 invited lecturer about Forensic DNA Analysis at the in the School of Specialization in Legal Medicine of the University of Adana (Turkey)

Since 2009 to 2012 invited expert speaker during Applied Biosystems Human Identification Meetings IN Italy and Spain.

In March 2010 invited expert during the International conference on Missing persons (ICWMP) held in Pristina (Kosovo)

In April 2010 invited speaker about Forensic DNA Analysis during the 4th International Conference of the Forensic Medicine Authority - Il Cairo (Egypt)

In April 2014 invited speaker about Forensic DNA Analysis during the 3rd International Conference of the Peruvian Asociation of Forensic Odontology, University of Lima, Peru

In November 2014 invited speaker about Forensic DNA Analysis during a conference organized by the Italian Order of Biologists at the University of Messina, Italy

In June 2015 invited speaker about Crime Scene Investigation and Forensic DNA Analysis during the 1st International Conference of Criminalistics and Criminology held in Alicante, Spain.

In October 2015 invited speaker about Crime Scene Investigation and Forensic DNA Analysis during the 2nd International Conference of Criminalistics and Criminology held in Madrid, Spain.

In March 2016 invited speaker about Crime Scene Investigation and Forensic DNA Analysis during the 3rd International Conference of Criminalistics and Criminology held in Madrid, Spain.

In June 2017 invited speaker about Crime Scene Investigation and Forensic DNA Analysis during the first International Conference about Expert Techniques held in Alicante, Spain.

In September 2017 invited speaker about Crime Scene Investigation and Forensic DNA Analysis during the first International Conference about Expert Techniques held at the University Isabel I, Burgos, Spain.

In March 2018 invited speaker about Progress in Forensic Genetics at the University of Alcalà de Henares, Spain.

In March 2018 invited speaker about DNA Analysis at the National Institute of Criminalistics and Toxicology (INTC), Madrid (España).

In May 2018 invited speaker about Crime Scene Investigation and Forensic DNA Analysis at the Secondary Technological School, Lucca (Italy)

In July 2018 invited teacher of Crime scene investigation and

	Forensic Genetics at the online Course of Criminology organized by CRIMINET During 2020 invited speaker during several online events/conferences In November 2020 invited lecture about Forensic Genetics at the University of Alcalá de Henares, Spain. In April 2022 invited to give a Master Class about Forensic Genetics at the ESERP University, Madrid, Spain In April 2024 invited to give a Master Class about Crime Scene Investigation at the ESERP University, Madrid, Spain In September 2024 invited Keynote at the International Symposium on Human Identification (ISHI), San Antonio, Texas, 23-26 September 2024
Academic Positions	Professor in the Master of Forensic Sciences at La Sapienza University in Rome, Italy. since 2003/2004 to 2018. Subject: Forensic Genetics Professor in the PhD program in Forensic Sciences, ESENI-CESTE University of Beni, Bolivia, online, September 2022 - Subject: Forensic Genetics Professor in the master's degree in Forensic Criminalistics of the International Institute for Global Security Studies (INISEG), Spain, online, December 2022- February 2023; January – February 2024 Subjects: Biology and evidence - Crime Scene investigation Professor in the master's degree in Forensic Science and Criminalistics of the University Pedagogical and Technological University of Colombia (UPTC) – Octubre 2023 - Subject: Forensic Genetics Professor in the Degree in Criminology and in the Doble Degree Law-Criminology at ESERP - University Juan Carlos, Spain –October 2023 -January 2024 Subject: Legal and Forensic Medicine Professor at the Forensic Science Institute – University Popular of Milan (Italy) in the Degrees in Criminology and scientific research; Investigative and forensic criminology; Criminology and behavioral sciences and in the Master's in forensic sciences and Criminal Investigation – since December 2023. Organizer of the Summer Course at the University of Alcalá (UAH) New perspectives in Forensic Sciences, online July 21-30, 2021, and Teacher in the Session Current Challenges in DNA Forensic Analysis. Professor in the University Extension Course “Criminological and Judicial Treatment of Violent Crimes”, National University of Distance Education (UNED), online November 27-28, 2020 - Session: Sampling at the crime scene. Professor in the Summer Course “XXXII Edition Traces of Crime”, National University of Distance Education (UNED),

	online July 14-16, 2021 - Session: The crime scene. Professor in the “International Master in European Private Law”, Mediterranean University of Reggio Calabria, Italy, online November 25, 2021Session: New Technologies in forensic DNA typing. Professor in the Summer Course “XXXIII Edition Advanced techniques of criminal investigation”, National University of Distance Education (UNED), online July 11-13, 2022-Session: Fundamentals of CSI Organizer of the Summer Course of the University of Alcalá (UAH) New perspectives in Forensic Sciences (2d Edition), online June 21-24, 2022, and Teacher in the Session Biological samples and current challenges in forensic DNA analysis Organizer of the Summer Course at the University of Alcalá (UAH) New perspectives in Forensic Sciences, online June 22-24, 2023, and Teacher in the Session Current Challenges in DNA Forensic Analysis and Crime Scene Investigations Organizer of the Summer Course at the University of Alcalá (UAH) New perspectives in Forensic Sciences, online June 19-21, 2024, and Teacher in the Session Current Challenges in DNA Forensic Analysis and Crime Scene Investigations.
Associations	President Worldwide Association of Women Forensics Experts (WAWFE) Past General Secretary of the Mediterranean Academy of Forensic Sciences (MAFS) Member of the International Society of Forensic Geneticists (ISFG) Member of the Italian Group of Forensic Geneticists (GEFI) Member of the Spanish-Portuguese Group of Forensic Geneticists (GHEP) Honor Member of the International Asociacion of Orthodontic and Forensic Odontology (IAOFO) Honour Member of the Georgian Academy of Forensic Sciences (GAFS) Honour Member of the Peruvian Associationof Forensic OdontologyAPOFOR) Honour Member of the Bolivian Association of Forensic Sciences (SBCF) Honour Member of theAssociation for European Cooperation and Security Member of the Italian National Association of Carabinieri (since 2013 N° 051000)
Scientific Journals	Editor-in-chief of the Microbiome Forensic Journal (Stripe Journals) Guest -Editor of the Special Issue Advances in Forensic Molecular Biology and Genetics of the International Journal of Molecular Sciences (MDPI) Editorial Board Member of Zagazig Journal of Forensic Medicine and Toxicology (Zagagig University) Editorial Board Member of the Journal of Forensic, Legal & Investigative Sciences (Herald Scholarly Open Access) Editorial Board Member of International Journal on Law (Legal Desire) Senior Editor of Acta Medica International

	Past Member of the International Editorial Board of the Egyptian Journal of Forensic Sciences (Elsevier) Member of the Editorial Board of the Infotext Journal-of-Forensic-Sciences (IJFS) Review for the Egyptian Journal of Forensic Sciences (Elsevier) Review for Forensic Science International Genetics (Elsevier) Review for Forensic Science International (Elsevier) Review for Journal of Forensic and Legal Medicine(Elsevier) Review for Biology (MDPI) Review for Forensic Science (MDPI) Arab Journal of Forensic Sciences and Forensic Medicine (ASFSFM) Journal of Advances in Medicine and Medical Research (JAMMR)
Conferences/Courses Organizer	WAWFE International Conference(WIC2013),June 6-7, 2013,Rome,Italy WAWFEInternationalConference(WIC2016),November7-10,2016,Miami WAWFE International Conference(WIC2020),November22,2020,Online WAWFEInternationalConference(WIC2022),April 23,24,29,30,2022,Online WAWFE International Conference (WIC2024), April 5-6,2024, Online WAWFE Webinars Series 2020-2021 about forensic Science online Corso Analisi della Scena del Crimine, SIMEF, February 17,2017 CorsoGeneticaForense SIMEF, November 5,2018 XVII Congresso GEFI:DNA e tecnologia due strumenti per combattere il crimine, September 5-7, 2018 Catanzaro, Italy Curso de Verano UAH Nuevas perspectivas en las Ciencias Forenses, 2021,2022,2023,24 International Virtual Conference New Perspectives in forensic biology & DNA analysis, May 22, 2021 – online International Virtual Conference Advances in Forensic Genetics, July 13,2023 - online International Virtual Conference Advances in Crime Scene Investigations, September 8, 2023 – online
Conferences Scientific Committe	1° CONFERENCE OF THE MEDITERRANEAN ACADEMY OF FORENSIC SCIENCE MAY 8-10 2003 – Marrakesh (Moroc) 6° MAFS CONGRESS September 19-21,2013 – Reggio Calabria, Italy Convegno Scienze Forensi Intelligence & Qualità, Reggio Calabria, Italy, 7 Febbraio 2015 Convegno Le nuove frontiere della biologia forense nelle indagini giudiziarie, Locri, Italy, March, 3, 2017 XVII CONGRESSO GEFI: DNA E TECNOLOGIA DUE STRUMENTI PER COMBATTERE IL CRIMINE, September 5-7, 2018 -Catanzaro,Italy ISFG SUMMER SCHOOL - September 3-4, 2018 – Catanzaro, Italy IASR 2nd International eConference on DNA Forensics - online

February 27-28,2021

IASR 3rd International eConference on Document examination –
online March 27-28,2021

IASR 4th International eConference on Fingerprint Analysis –
online April 24-25,2021

IASR 5th International eConference on Forensic Odontology –
online May 29-30,2021

IASR 6th International eConference on Cyber & Digital
Forensics – online June 27-28,2021

IASR 7th International eConference on Forensic Psychology–
online July 24-25,2021

IASR 8th International eConference on Forensic Medicine &
Toxicology – online August 28-29,2021

IASR 9th International eConference on Forensic Chemistry &
Toxicology – online September 29-30,2021

IASR 10th International eConference on Crime Scene
Investigation - online October 30-31,2021

IASR11th International eConference on Cyber Security - online
November 27-28,2021

IASR 12th International eConference on Forensic Physics -
online December 11-12,2021

International Virtual Conference New Perspectives in forensic
biology & DNA analysis, May 22, 2021 – online

International Virtual Conference Advances in Forensic
Genetics, July 13,2023

International Virtual Conference Advances in Crime Scene
Investigations, September 8, 2023

High Course in Forensic Investigations, Sviluppo e Formazione
Group, Lecce, Italy – September -December 2024

Chairperson of the:

1° Global Webinar on Forensic Science, Global Scientific Guild,
March 5-7,2021

2nd Global Webinar on Forensic Science,Global Scientific Guild
- online July 23-25, 2021

3rd Global Webinar on Forensic Science, Global Scientific Guild
-online November 19-21, 2021

4th Global Webinar on Forensic Science, Global Scientific Guild
Online March 25-27 2022

5th Global Webinar on Forensic Science, Global Scientific
GuildOnline July 29-31, 2022

6th Global Webinar on Forensic Science, Global Scientific Guild
Online November 16-18, 2022

7th Global Webinar on Forensic Science, Global Scientific Guild
Online March 22-24, 2023

3rd Seven Days Online Faculty Development Program, Amity

University-India, December 18-26,2023

1st International Conference on Forensics, Security and Law,
Amity University-India, April 3-4, 2024

WAWFE Webinars Series 2020-2021 about forensic Science
online

WAWFE International Conference (WIC2020), November2
22,2020,Online

WAWFE International Conference (WIC2022),April
23,24,29,30,2022Online

WAWFE International Conference (WIC2024), April 1
6,2024,Online

Reviewer Activity

Required by the Latvian Council of Science to review a project
proposal submitted to the Call for 2020 cooperation programs
in science and technology of the Ministry of Education and
Science of the Republic of Latvia and the Ministry of
Education and Science of Ukraine - November 2021.

Reviewer of the following book Proposals: Advancements in
Forensic DNA Analysis by Dr. Hirak Ranjan Dash
(Springer),2021; Next Generation Sequencing (NGS)
Technology in DNA Analysis (Elsevier), 2021; Forensic
Biotechnology: Basics and Beyond (CRCPress) 2023
Investigative and Predictive DNA Testing (Elsevier),2023.

Additional Competence

Many years' experiences as a forensic DNAexpert for Italian
prosecutors and Court of Justices, dealing also with criminal
caseworks of national relevance.

Experience with cold cases, working also with UK Police

Tutor of Universitystudents of Forensic Sciences courses (also
in the context of Erasmus Project)

Director of 7 Master Thesis (Univ. Roma, Univ. Palermo,
INISEG) 3 Degree Thesis (Univ. Roma, UNISF), 1
Specialization Thesis (Univ. Reggio Calabria), 2 PhD Thesis
at UAH, 2 Thesis at UNISF, external tutor of degree and post-
degree students and in the Erasmus Program.

Teacher in forensic courses or during practical training

Invited speaker in national and international courses and
conferences.

Conferences and Courses Organizer

Included in the Expert Database of the EU Commission (Exp
2018d332195).

Participation at courses about Quality procedures according to
international standard UNI EN ISO 9001 and UNI EN ISO17025

Skills

Crime scene investigation andevidence collection
Manual and robotic DNA extraction from biological samples
(liquids, spots, traces, hair, bones) in forensicand paternity
cases

Writing forensic report

Expert witness at Court

DNA Amplification by PCR using forensic multiplex.

Analysis of autosomal and sexual STR (Y-STR, X-STR)

Use of automatic DNA sequencer (capillary electrophoresis)

Use of software for data analysis (Genemapper 3.2,

	Genemapper IDX) Use of software for bio-statistical calculation (Families, LRmix, Geno Proof) Knowledge of NGS methodology, Infrared and Raman spectroscopy Proficiency with Office Package, Adobe Photoshop Knowledge of ISO 9001 and ISO17025
Certification	Certification as "Senior Forensic Geneticist" in accordance to ISO/IEC 17024 released by KHC (Italy) in November 2014.
Prizes	Award for the contribution to the Mediterranean Academy of Forensic Science (MAFS) – Oporto (Portugal), June 2007 Prize to "The Leader In Research and Health Sciences for the Benefit of Mankind 2019" by the Sociedad Internacional En Investigación, Salud, Desarrollo Empresarial Y Tecnologías – Siisdet.-2019 Certificate of Excellence in Forensic Genetics– Forensic Investigations Award 2019 – November 2019 International Forensic Experts Award in Biology Division - International Forensic Science and Criminal Investigations Summit & Awards 2020 - Legal Desire - May 2020 Certificate of Excellence in Forensic Genetics– Forensic Investigations Award 2023 – March 2023
Projects	New methods for forensic DNA typing and population studies, funded by SIMEF (Italy) Start date: 1997 – End date 2004 Main investigator: Anna Barbaro Development and validation of a highly efficient DNA extraction from challenging samples (soil and human remains) funded by SIMEF (Italy) Start date: June 2013 – End date August 2020 - Main investigator: Anna Barbaro European Forensic Educational Network (EFEN) – Erasmus + Strategic Partnerships project 2014-2017- Start date: Sep 1, 2014, End date: Aug 31, 2017 – European Project. Project funded by EU - € 329501,00 funds. Main investigators: Inès Gallala Claire Gwinnett., Avans University. Investigation of UPE profile and DNA Methylation in Stressed Individuals (Ayudas Postdoctorales del Vicerrectorado de Investigación de la UAH 2019 - supported by the reference project Explora Ciencia, CTQ2017-91358-EXP). Main Investigator: Anna Barbaro Real-time on-site forensic trace qualification project (RISEN, SU-FCT02-2018-2019-2020-883116) - Start date 1 July 2020 - End date 30 June 2024. funded by the European Union's Horizon 2020 research and innovation program. € 6 995 876,25 Investigation of consumption profiles of New Psychoactive Substances (NPS) in Spain (IUICP-2019/07)-Project funded by: Instituto Universitario de Investigación en Ciencias Policiales - Date: 05/12/2019 – 31/12/2022 Identification of risk factors in case of drug-facilitated sexual

	abuse (DFSA) based on forensic-police data (IUICP-2019/06) - Project funded by: Instituto Universitario de Investigación en Ciencias Policiales (IUICP) - Date : 05/12/2019 – 31/12/2022 Animal Forensic Sciences: broadening horizons (IUICP-2023/04) - Project funded by: Instituto Universitario de Investigación en Ciencias Policiales (IUICP) - Date : 02/2024-02/2025 Conservation and transport of forensic samples at room temperature, use of DNA preservative as a protective medium (IUICP-2023/09) Project funded by: Instituto Universitario de Investigación en Ciencias Policiales (IUICP) - Date: 02/2024-02/2025
Collaboration with commercial companies	Agreement with the commercial company Invitrogen (USA) for the presentation of the research "Validation of DNA Typing from Skeletal Remains using the Invitrogen ChargeSwitch Forensic DNA Purification Kit" at the 22nd International ISFG Congress, August 21-25, 2007, Copenhagen (Denmark). Participation funded by the commercial company. Agreement with the commercial company Applied Biosystems-Life Technologies (USA) to investigate and validate the PrepFiler BTA™ Lysis Buffer product before commercial distribution (2009). Agreement with the commercial company Applied Biosystems-Life Technologies (USA) for participation as an invited expert speaker at the Human Identification User Meetings 2010 (Italy) and 2011 (Italy, Spain), aimed at disseminating certain research conducted using Applied Biosystems (Life Technologies) products. Participation funded by the commercial company. Agreement with the commercial company Applied Biosystems for the publication of the research "Validation of the PrepFiler™ Forensic DNA Extraction Kit" in Applied Biosystems Forensic News – July 2010. Agreement with the commercial company HEALTH Gene Technologies (China) for the presentation of the research "Validation of SureID® 21G Human STR Identification Kit (HEALTH Gene Technologies)" at the Emirates International Forensic Conference & Exhibition, Dubai (UAE) from April 2 to 7, 2017. Participation funded by the commercial company. Agreement with the commercial company Promega (USA) for the participation as Keynote invited speaker at the International Symposium on Human Identification (ISHI), San Antonio, Texas, 23-26 September 2024
Languages	Italian (native) Spanish English

PAPERS, PRESENTATIONS AND PUBLICATIONS

1) Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, 1996

La distinction des frequences geniques et genotypique des loci DQa, LDLR, GYPA, HBGG, D7S8, GC, THO1, vWA31, F13A1, FES/ FPS chez la population de Reggio Calabria et sa Province

XIII Journées Internationales Méditerranéennes de Médecine Légale- Casablanca (Marocco) 7-10/9/ 1996)

2) Barbaro Anna, Cormaci Patrizia, 1997

L' accertamento di paternita' mediante analisi automatica dei microsatelliti

Convegno Analisi del DNA, Boheringer Mannheim, Firenze 28 febbraio 1997

3) Barbaro Anna, Cormaci Patrizia, 1997

Forensic application of DNA polymorphisms in a double-murder case

29th Annual Meeting of the European Society of Human Genetics, Genova 17-20 Maggio, 1997

4) Barbaro Anna, Cormaci P., Falcone G., 1997

Identificazione di resti umani mediante analisi del DNA

Giornate medico-legali-criminologiche, Ascoli Piceno, 4-7 giugno, 1997

Atti delle Giornate Medico-Legali-Criminologiche, Ascoli Piceno, 4-7 giugno 1997 - Quaderni Camerti, XX, n.1, 1998.

5) Barbaro Anna, Barbaro Aldo, 1997

Capillary electrophoresis in a forensic case

Progress in Forensic Genetics n°7, Elsevier 1998 (International Congress Series)

Proceedings 17th International ISFH Congress, Oslo (Norway) 2-6 September 1997

6) Anna Barbaro, Jolanda Repaci, Massimo Rizzo, 1998

Population genetic study of 9 STRs loci using AmpFISTR Profiler kit and capillary electrophoresis: distribution of allelic and genotypic frequencies in two populations from Southern Italy (Reggio Calabria, Catanzaro and their districts)

2° European Symposium on Human Identification - Innsbruck (Austria) June 10-12, 1998

7) Anna Barbaro, Giacomo Falcone, Aldo Barbaro, 1998

DNA typing from hair-shaft

2° European Symposium on Human Identification - Innsbruck (Austria) June 10-12, 1998

8) Anna Barbaro, N. Staiti, P. Cormaci and L. Saravo, 1998

Comparison among different procedures for DNA Extraction in the forensic field

2° European Symposium on Human Identification - Innsbruck (Austria) June 10-12, 1998

10) Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, 1998

Analisi mediante elettroforesi capillare dei polimorfismi del cromosoma Y: applicazione ad un caso d'identificazione di resti umani - 17° Convegno GEFI-Camerino 8-10 ottobre 1998

11) Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, 1998

"Tipizzazione del DNA in un caso singolare" - 17° Convegno GEFI-Camerino 8-10 ottobre 1998

12) Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, Massimo Rizzo, Giovanni Tringali, Elio Insirello, Anna Maria Roccazzello, 1998

Studio genetico di popolazione su 9 loci genici impiegando il kit AmpFISTR Profiler Plus: distribuzione delle frequenze alleli che in 3 provincie del Sud Italia : Reggio Calabria, Catanzaro, Messina

17° Convegno GEFI-Camerino 8-10 ottobre 1998

13) Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, Insirello Elio, Roccazzello Anna Maria, 1999

La distribution des fréquences géniques et genotipiques de loci du AmpFISTR Profiler et du AmpFISTR Profiler Plus kits chez les populations de Agrigento, Caltanissetta, Catania, Palermo, Ragusa, Siracusa et de leurs provinces (Sicile-Italie du Sud). XIII Journées Internationales Méditerranéennes de Médecine Légale - Hammamet (Tunisie) -12-15 mai 1999

14)Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, Elio Insirello, Giovanni Perruzzi, Marcello De Luca, Guido Musso, 1999

La distribution des fréquences géniques et genotipiques de 13 loci du AmpFISTR Profiler Plus et du AmpFISTR Cofiler kits chez les populations de Rome, Naples, Cosenza, Catanzaro, Reggio de Calabrie, Messina et de leurs province

XIII Journées Internationales Méditerranéennes de Médecine Légale- Hammamet (Tunisie) 12-15 mai 1999
Société méditerranéenne de médecine légale

15)Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, 1999

La distribution des fréquences alléliques des loci DYS19, DYS388, DYS390, DYS391, DYS392, DYS393 (Y STRs) chez la population de Reggio de Calabria et de sa province

XIII Journées Internationales Méditerranéennes de Médecine Légale - Hammamet (Tunisie) 12-15 mai 1999

16)Barbaro Anna, Falcone Giacomo, Barbaro Aldo, 1999

DNA typing from hair-shaft

Progress in Forensic Genetics n°8, Elsevier 2000 (International Congress Series)

Proceedings of the 18th International ISFH Congress, San Francisco, Ca. Usa, 17-21 August 1999

17)Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, 1999

mt-DNA typing from fingernails by minisequencing

Progress in Forensic Genetics n°8, Elsevier 2000 (International Congress Series)

Proceedings of the 18th International ISFH Congress, San Francisco, Ca. Usa, 17-21 August 1999

18)Barbaro Anna, Cormaci Patrizia, Falcone Giacomo, Barbaro Aldo (SIMEF),
Marcello De Luca, Guido Musso (Applied Biosystems), 1999

Population genetic study of 9 STR loci using Amp FISTR Profiler Plus kit and capillary electrophoresis: distribution of allelic frequencies in 20 Italian towns: Agrigento, Caltanissetta, Catania, Palermo, Ragusa, Siracusa, Messina, Reggio Calabria, Catanzaro, Cosenza, Bari, Napoli, Roma, Firenze, Venezia, Parma, Bologna, Milano, Torino, Genova

Progress in Forensic Genetics n°8, Elsevier 2000 (International Congress Series)

Proceedings of the 18th International ISFH Congress, San Francisco, Ca. Usa, 17-21 August 1999

International Society of Forensic Hemogenetics (ISFH)

19)Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, 2000

IMPIEGO DEL KIT AmpFISTR Plus NELLA RISOLUZIONE DI UN CASO D'OMICIDIO

18° Convegno GEFI - Fiuggi, 23-25 Novembre 2000

20)Barbaro Anna, Cormaci Patrizia, Falcone Giacomo, La Marca Angelo, Barbaro Aldo, 2001

POPULATION GENETIC STUDY OF 15 STRs LOCI USING AmpFISTR IDENTIFIER KIT (Applied Biosystems) - Progress in Forensic Genetics n°9, Elsevier 2002 (International Congress Series 1293) -

Proceedings 19th Congress of the International Society for Forensic Genetics Münster (Germany) August 28 - September 1, 2001

21)Barbaro Anna, Cormaci Patrizia, Barbaro Aldo, 2001

Identification of a Carbonized Body found inside a Car

Progress in Forensic Genetics n°9, Elsevier 2002 (International Congress Series)

Proceedings 19th Congress of the International Society for Forensic Genetics Münster (Germany) August 28 - September 1, 2001

22)Anna Barbaro, Patrizia Cormaci, Giacomo Falcone, Aldo Barbaro, 2001

The Activity of Simef: The Molecular Genetics Department

International Congress "ADVANCES in LEGAL MEDICINE", Reggio Calabria (Italy) -September, 13-15, 2001

23)Anna Barbaro, Patrizia Cormaci, Angelo La Marca, Aldo Barbaro, Armando Mannucci, 2002

TIPIZZAZIONE DI 15 LOCI STRs NELLA POPOLAZIONE DI GENOVA

XV^{èmes} Journées Internationales Méditerranéennes de Médecine Légale - Terrasini (PA)- Italy 29/5-2/6/2002

Société méditerranéenne de médecine légale

24)Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, Elio Insirello, Anna M. Roccuzzello, Giovanni Tringali, 2002**STUDIO SULL' AMPLIFICAZIONE DEL DNA NON UMANO UTILIZZANDO IL KIT AmpFISTR IDENTIFILER (Applied Biosystems)**

XV^{èmes} Journées Internationales Méditerranéennes de Médecine Légale - Terrasini (PA)- taly 29/5-2/6/2002

25)Elio Insirello,Anna M. Roccuzzello,Giovanni Tringali, Anna Barbaro, Patrizia Cormaci, Aldo Barbaro 2002**STUDIO SPERIMENTALE SULLA TIPIZZAZIONE DI 6 STRs DEL CROMOSOMA Y SU CAMPIONI DI DNA ANIMALE**

XV^{èmes} Journées Internationales Méditerranéennes de Médecine Légale - Terrasini (PA)- taly 29/5-2/6/2002

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127) C. Robino, A. Ralf, S. Pasino, M.R. De Marchi, K.N. Ballantyne, A. Barbaro, C. Bini, E. Carnevali, L. Casarino, C. Di Gaetano, M. Fabbri, G. Ferri, E. Giardina, A. Gonzalez, G. Matullo, A.L. Nutini, V. Onofri, A. Piccinini, M. Piglionica, E. Ponzano, C. Previderè, N. Resta, F. Scarnicci, G. Seidita, S. Sorçaburu-Cigliero, S. Turrina, A. Verzeletti, M. Kayser. **Development of an Italian RM Y-STR haplotype database: results of the 2013 GEFI collaborative exercise.** For. Sci. Int.: Genetics. 2014 Oct 14;

128) A. Barbaro(invited conference)

La escena del crimen y la prueba de ADN

Congreso Internacional Ciencias Forenses y Criminalística 2014 - 9-12 December 2014 - University of Santiago de Chile

129) A. Barbaro(invited conference)

Le indagini biologiche in ambito forense : dalla scena del crimine all'analisi del DNA

Convegno Il Biologo : Figura Dinamica nel mondo del Lavoro - 13 Novembre 2014 - Università degli Studi di Messina

130) A. Barbaro(invited conference)

Le indagini biologiche in ambito forense: dalla scena del crimine all'analisi del DNA in accordo alla norma UNI EN ISO17025

Convegno "Scienze Forensi Intelligence & Qualità" – 7 Febbraio 2015- Reggio Calabria

131) A. Barbaro(invited conference)

Las muestras biológicas en la escena del crimen y la prueba de ADN

1^o Congreso Internacional de Criminalística y Criminología – 19-20 Junio 2015 - Alicante (España)

132) A. Barbaro, M. Cassar, P. Cormaci, J. C. Grech

Study about Genetic Variability of SE33 Locus

Acta Medica International 2015;2:16-8 DOI : 10.5530/ami.2015.2.5

133) A. Barbaro, P. Cormaci

Validation of Powerplex Y23 System (Promega) using reduced reaction volume

26th Congress of the International Society for Forensic Genetics

For. Sci. Int.: Genetics. 2015, Volume 5 , Pages e373–e374

134) A. Barbaro, P. Cormaci, S. Votano, A. La Marca
Evaluation study about the Seratec® rapid tests
26th Congress of the International Society for Forensic Genetics
For. Sci. Int.: Genetics. 2015, Volume 5, Pages e63–e64

135) A. Barbaro (invited conference)
La Escena del Crimen y el Análisis Forense de ADN
2º Congreso Internacional de Criminalística y Criminología – 16-17 Octubre 2015 – Madrid (España)

136) A. Barbaro (invited conference)
Recolección de muestras biológicas en la escena del crimen y análisis de ADN
3º Congreso Internacional de Criminalística y Criminología – 4-5 March 2016 - Madrid, (España)

137) U. Toscanini, L. Gusmão, M.C. Álava Narváez, J.C. Álvarez, L. Baldassarri, A. Barbaro, G. Berardi, E. Betancor Hernández, M. Camargo, J. Carreras-Carbonell, J. Castrol, S.C. Costam, P. Coufalovan, V. Domínguez, E. Fagundes de Carvalho, S.T.G. Ferreira, S. Furfuro, O. García, A. Goiosc, R. González, A. González de la Vega, A. Gorostiz, A. Hernández, S. Jiménez Moreno, M.V. Lareu, A. León Almagro, M. Marino, G. Martínez, M.C. Miozzo, N.M. Modesti, V. Onofri, S. Pagano, B. Pardo Arias, S. Pedrosa, G.A. Penacino M.L. Pontes, M.J. Porto J. Puente-Prieto, R. Ramírez Pérez, T. Ribeiro, B. Rodríguez Cardozo, Y.M. Rodríguez Lesmes, A. Sala, B. Santiago, V.G. Saragoni, A. Serrano, E.R. Streitenberger, M.A. Torres Morales, S.A. Vannelli, Rey, M. Velázquez Miranda, M.R. Whittle, K. Fernández, A. Salas
Analysis of uni and bi-parental markers in mixture samples: Lessons from the 22nd GHEP-ISFG Intercomparison Exercise, Forensic Science International: Genetics 25 (2016) 63–72

138) A. Barbaro
Overview on Progress in Forensic Deoxyribonucleic Acid Analysis
Toxicol Forensic Med Open J. 2016; 1(1): e14-e15.

139) A. Barbaro (invited conference)
Progress in Forensic Genetics
WAWFE International conference 2016 (WIC2016), 7-11 November 2016, Miami (USA)

140) A. Barbaro (invited conference)
Progressi nell'Analisi Forense del DNA
Convegno "Le nuove frontiere della Biologia Forense nelle Indagini Giudiziarie" - 3 Marzo 2017- Locri (RC)

141) A. Barbaro, P. Cormaci, Ausma Bernotat
Validation of SureID® 21G Human STR Identification Kit (HEALTH Gene Technologies)
Emirates International Forensic Conference & Exhibition, Dubai, 2-7 April, 2017

142) A. Barbaro, P. Cormaci
Study About The Efficacy Of Several Expired DNA Reagents
Emirates International Forensic Conference & Exhibition, Dubai, 2-7 April, 2017

143) A. Barbaro (invited conference)
La Escena del Crimen y el Análisis Forense de ADN
1º Congreso Internacional de Técnicas Peritales, 16-17 Junio, 2017 Alicante, (España)

144) A. Barbaro (invited conference)
La Scena del Crimine e l'Analisi Forense del DNA
Convegno La Biologia Forense nelle Indagini Giudiziarie- 28 Giugno 2017- Vibo Valentia (VV)

145) A. Barbaro (invited conference)
Adelantos Científicos en Genética Forense
4º Congreso Internacional de Criminalística y Criminología – Universidad Isabel I, September 23-24 ,2017–Burgos (España)

146) A. Barbaro

La Escena del Crimen y el Análisis Forense de ADN

Universidad de Alcalá de Henares (España), 5 Marzo 2018

147) C. Robino, A. Ralf, S. Pasino, M.R. De Marchi, K.N. Ballantyne, A. Barbaro, C. Bini, E. Carnevali, L. Casarino, C. Di Gaetano, M. Fabbri, G. Ferri, E. Giardina, A. Gonzalez, G. Matullo, A.L. Nutini, V. Onofri, A. Piccinini, M. Piglionica, E. Ponzano, C. Previderè, N. Resta, F. Scarnicci, G. Seidita, S. Sorçaburu-Cigliero, S. Turrina, A. Verzeletti, M. Kayser

Corrigendum to “Development of an Italian RM Y-STR haplotype database: Results of the 2013 GEFI collaborative exercise - Forensic. Sci. Int. Genet. (2018) 34: e23–e24

148) A. Barbaro, P. Cormaci, A. La Marca (2018)

Validation of Investigator ESSplex QS (Qiagen) using reduced reaction volume

8th European Academy of Forensic Science meeting- August 27th-31st, Lyon (France)

149) A. Barbaro, P. Cormaci, A. La Marca

DNA Extraction from soil by EZ1 Advanced XL (Qiagen)

Forensic Science International (2019) 299:161-167

150) A. Barbaro

Women In Forensics: an international overview

Forensic Science International: Synergy (2019) Vol.1:137-139

151) A. Barbaro, S. Votano, A. La Marca,

Analysis of Forensic Samples by InvestigatorEssplex Qs (Qiagen) using half PCR Reaction Volumes 28th Congress of the International Society for Forensic Genetics, Prague 9-13 September 2019

152) A. Barbaro, P. Cormaci, A. La Marca,

Development of a modified protocol for EZ1 (Qiagen) automated DNA extraction from human remains

28th Congress of the International Society for Forensic Genetics, Prague 9-13 September 2019

153) A. Barbaro, P. Cormaci, A. La Marca,

Internal Validation of SURE ID® 21G Human STR Identification Kit (Health Gene Technologies)

28th Congress of the International Society for Forensic Genetics, Prague 9-13 September 2019

154) A. Barbaro, S. Votano, A. La Marca,

Assessment of DNA quantity and quality in a wide range of forensic samples using the Investigator Quantiplex Pro RGQ Kit (Qiagen)

28th Congress of the International Society for Forensic Genetics, Prague 9-13 September 2019

155) A. Barbaro, G. Falcone, A. La Marca

Population Data of D6S1043, PentaD and PentaE Loci in South of Italy (Calabria)

28th Congress of the International Society for Forensic Genetics, Prague 9-13 September 2019

156) A. Barbaro

La Investigación de la Escena del Crimen y el Análisis Forense de ADN

Conferencia de Criminalística y Criminología - UNED Plasencia, 27 Septiembre 2019

157) A. Barbaro

La Investigación de la Escena del Crimen y el Análisis Forense de ADN

Seminario Visión interdisciplinar de Criminalística y Criminología - UAH, 3 Octubre 2019

158) A. Barbaro (invited conference)

Women in Forensics

International Forensic Science & Criminal Investigations Summit & Awards 2020, Legal Desire, 28-29 May

159) A. Barbaro (invited conference)

Internal Validation of a 21 Autosomal STR Multiplex using half reaction volumes

Webinar on Forensic Research & Technology, Meetings Int., July 27, 2020

160) A. Barbaro (invited conference)

Las Mujeres en las Ciencias Forenses -12° Conferencia Internacional COESFO – 29 Julio 2020

161) A. Barbaro (invited conference)

Crime scene investigation and Forensic DNA typing

International Forensic Biology conference – Forensic India - 31th July,2020

162) A. Barbaro (invited conference)

Las Ciencias Forenses en Italia -Conferencia Internacional SOLFASOA – 10 Agosto 2020

163) A. Barbaro(invited conference)

Women in Forensics

Online International Lecture Series - Sherlock Institute of Forensic Sciences – October 4, 2020

164) A. Barbaro(invited conference)

Women & Crime-Forensic Middle East & Africa 2020 –Clarion Events– October 12-14,2020

165) A. Barbaro(invited conference)

Mujeres Forenses -Conferencia MENTALCOP – November 7, 2020

166)A. Barbaro(invited conference)

La genética forense en la resolución de casos criminales

University of Alcalá de Henares (Spain) – November 20, 2020

167) A. Barbaro, G. Falcone and A. La Marca (2020)

Population Data of D6S1043, Penta D and Penta E Loci in Calabria (South of Italy)

Journal of Basic & Applied Sciences (2020)16:74-78

168) A. Barbaro (invited conference)

Toma de muestras en la escena del crimen

Universidad Nacional de Educación a Distancia (UNED), Curso Extensión universitaria

Tratamiento Criminológico y Judicial de los Delitos Violentos, online November 27-28,2020

169) A. Barbaro (invited conference)

El rol de las Mujeres en las Ciencias Forenses y en el Crimen

Congreso Internacional de Criminalística y Criminología del Instituto Forense de Investigaciones

Latinoamericana (IFIL), December 1-15,2020

170) A. Barbaro (invited conference)

Forensic Science and DNA Typing in Crime Fighting

International Web Seminar “Role of Forensic Science and Law in Safety of Women & Children”

Amity University, Institute of Forensic Sciences (India) – December 19, 2020

171) J. F. Ferragut, K. Bentayebi, A. Barbaro, A. Picornell (2021)

Exploring the Western Mediterranean through X-chromosome

Int J Legal Med 135(3):787-790

172) A. Barbaro , S. Samar, G. Falcone, A. La Marca(2021)

Highly efficient and automated extraction of DNA from human remains using a modified EZ1 protocolForensic Sciences Research,6 (1): 59–66

173) A. Barbaro (invited conference)

DNA Typing for solving crimes against women and children

1stGlobal Webinar on Forensic Science, Global Scientific Guild, March 5-7,2021

174) A. Barbaro (invited conference)

The Worldwide Association of Women Forensic Experts (WAWFE)

Webinar Dynamic Role of Women in Combating crime in today's world

Amity University, Institute of Forensic Sciences (India), March 8, 2021

175) A. Barbaro (invited conference)

The utility of DNA databases in solving Crimes

Recent Advancement in Forensic Science and Technology

Amity University, Institute of Forensic Sciences (India), March 21-27, 2021

176) A. Barbaro (invited conference)

Women in Forensics and CrimeConference Forensic Science in the Caribbean - Bridging the Gap for the 21st Century, Caribbean Association of Forensic Sciences (CAFS), April 16-17, 2021

177) A.Barbaro (invited conference)

La Investigación de la Escena del Crimen y la Toma de Muestras

Escuela de Formación de Auxiliares Jurisdiccionales de la Corte Superior de Justicia de Lima Perú, 24 June 2021 (2h)

178) A. Barbaro (invited conference)

La escena del crimen

Universidad Nacional de Educación a Distancia (UNED), Curso Verano Las huellas del crimen , online14-16 July 2021

179)) A. Barbaro (invited conference)

The effectiveness of DNA databases

2nd Global Webinar on Forensic Science,Global Scientific Guild - online July 23-25, 2021

180) A. Barbaro (invited conference)

Biological samples collection

2nd International 18th National Forensic Sciences Congress

Turkish Association of Forensic Medicine Specialists – Online October 14-17,2021

181) A. Barbaro (invited conference)

Women role in forensic science and in crimes

CongresuluiNațional de MedicinăLegală - Romania/online October 21-23, 2021

182) A. Barbaro (invited conference)

DNA Databases: An Overview

CongresuluiNațional de MedicinăLegală - Romania/online October 21-23, 2021

183) A. Barbaro (invited conference)

Forensic Science in Italy : caseworks review

IASR 10th International eConference on Crime Scene Investigation - online October 30, 2021

184) A. Barbaro (invited conference)

New Technologies in forensic DNA typing

International Post-Doctoral Program - Mediterranean International Centre for Human Rights Research – University Mediterranea RC – online – November 20,2021

185) A. Barbaro (invited conference)

Crime Scene Investigation : procedures & errors

3rd Global Webinar on Forensic Science, Global Scientific Guild -online November 19-21, 2021

186) A. Barbaro (invited conference)

Las Nuevas Tecnologías en el Análisis Forense de ADN

1° Congreso Internacional de Criminología y Criminalística – Panama/online, February 18-19 2022-

187) A. Barbaro (invited conference)

Fundamentos de la Investigación De La Escena Del Crimen

Congreso Internacional de los nuevos aportes de la Criminalística y las Ciencias Forenses en el descubrimiento de la Verdad 2022 - Argentina/online, March 24-25,2022

188) A. Barbaro (invited conference)

Advances in Forensic DNA Typing

4th Global Webinar on Forensic Science , March 25-27, 2022

189) A. Barbaro

Worldwide Association of Women Forensic Experts

Las Mujeres en las Ciencias Forenses – UniversityofAlcalà (UAH) – March,8,2022

190)A. Barbaro (invited conference)

Avances en el Análisis Forense de ADN

ESERP Business School – Universidad Rey Juan Carlos, Madrid – April 28,2022

191) A. Barbaro (invited conference)

Admissibility of new DNA technology in court

Caribbean Association of Forensic Sciences (CAFS) Expert Witness Training Programme 2022 - Online - May 5, 2022

192)A. Barbaro, C. Cano-Trujillo, F. E. Ortega-Ojeda, C. García-Ruiz, G. Montalvo

Human and Animal oral fluid stains differentiation by infrared spectroscopy (ATR FTIR)

9th European Academy of Forensic Science Conference, Stockholm (Sweden), May 30 – June 3, 2022

193) A. Barbaro, C. Cano-Trujillo, F. E. Ortega-Ojeda, C. García-Ruiz, G. Montalvo

Age estimation of oral fluid stains by attenuated total reflection Fourier transform infrared spectroscopy (ATR FTIR)

9th European Academy of Forensic Science Conference, Stockholm (Sweden), May 30 – June 3, 2022

194)A. Barbaro (invited conference)

Fundamentos de la investigación de la escena del crimen

Universidad Nacional de Educación a Distancia (UNED), Curso Verano
Técnicas avanzadas de investigación criminal, 11-13 July 2022

195) A. Barbaro (invited conference)

The application of rapid non-destructive methods (ATR FTIR) for the identification of bodily fluids

5th Global Webinar on Forensic Science, Online July 29-31, 2022

196) A. Barbaro (invited conference)

Advances in Forensic DNA Analysis

Kirori Mal College, University of Delhi , India Online October 1, 2022

197)) A. Barbaro (invited conference)

La Prueba de ADN en el proceso penal

2do Congreso Internacional Virtual de Ciencias Forenses“La Prueba Pericial”, Bolivia,Online10-12/11/22

198) A. Barbaro (invited conference)

DNA Quantification of Forensic Samples: Validation Study of the Investigator Quantiplex Pro RGQ Kit (Qiagen) using Half Reaction Volumes

6th Global Webinar on Forensic Science, Online November 16-18, 2022

199)A. Barbaro (invited conference)

ANALYSIS OF FORENSIC SAMPLES BY INVESTIGATOR ESSPLEX QS (QIAGEN)

7th Global Webinar on Forensic Science, Online March 22-24, 2023

200) CC. Cano-Trujillo, A. Barbaro, F. E. Ortega-Ojeda, C. García-Ruiz , G. Montalvo (2023)

Source determination of human and animal oral fluid stains on porous substrates by chemometrics-assisted ATR FTIR spectroscopy: A preliminary study, Microchemical Journal, Microchemical Journal, Volume 190 (9)

201) A. Barbaro (invited conference)

SCIENZE FORENSI & QUALITÀ

Convegno Biologi e Qualità - Università Messina, 24 Maggio 2023

202) A. Barbaro (invited conference)

Advances in Forensic DNA Typing

11th Scientific Conference – Doctoral Schools of "Dunarea de Jod" University of Galati- Romania – June 8-9, 2023

- 203) A. Barbaro (invited conference)
Forensic Science in Crime Fighting: caseworks review
 8th Global Webinar on Forensic Science, Online July 19-21, 2023
- 204) A Barbaro, C. Cano-Trujillo, F. E. Ortega-Ojeda, C. García-Ruiz, G. Montalvo (2023)
Exploration of ATR FTIR spectroscopy assisted by multivariate analysis for estimating the time since deposition of human and canine oral fluid on porous substrates,
 Microchemical Journal, Volume 194, 109339.
- 205) A. Barbaro (invited conference)
Quality Certification in Forensics
 9th Global Webinar on Forensic Science, Online November 16-17, 2023
- 206) 2A. Barbaro (invited conference)
Quality Certification in Forensic Science
 3rd Seven Days Online Faculty Development Program, Amity University-India, December 18-26, 2023
- 207) A. Barbaro (invited conference)
DNA Typing in Crime Fighting
 WAWFE INTERNATIONAL CONFERENCE 2024 – Advances in Forensic Science, online April 5-6, 2024
- 208) A. Barbaro (invited conference)
La relevancia de la certificación de calidad en las ciencias forenses
 4^o Congreso Mundial de Criminología y Criminalística- Panamá, 17-18 de Mayo 2024
- 209) A. Barbaro (invited conference)
Quality Certification in Forensic
 12th Scientific Conference, Doctoral Schools of "Dunarea de Jod University of Galati, Romania, June 6-7/7/24
- 210) A. Barbaro (invited conference)
Quality Certification in Forensic Genetics
 Forensic Science in the Caribbean: Technology paving the way forward – Jamaica- June 10-12, 2024
- 211) A. Barbaro (invited conference)
Las bases de datos de ADN
 Congreso Internacional en Derecho, Criminología y Ciencias Forenses, Bogotá, Colombia, 19-20/6/2024
- 212) A. Barbaro (invited conference)
Advances in Forensic DNA Typing
 5th Days Multidisciplinary Online Faculty Development Program, Noida University-India, July 15-19, 2024
- 213) A. Barbaro (invited conference)
New Technologies in Forensic DNA Typing and Ethical Aspects
 International Conference on Recent Developments in Forensic Science, Sandip University, Nashik, Maharashtra, India, July 18-20, 2024
- 214) B. Navarro-López, M. Baeta, O. Moreno-López, T. Kleinbielen, C. Raffone, E. Granizo Rodríguez, J.F. Ferragut, O. Alvarez-Gila, A. Barbaro, A. Picornell, M.M. de Pancorbo (2024)
Y-chromosome analysis recapitulates key events of Mediterranean populations - HELIYON, E35329
- 215) Barbaro A, Falcone G, La Marca A, Barbaro A. (2024) **Use of the Investigator ESSplex SE QS Kit (QIAGEN) at Half PCR Reaction Volumes for the Analysis of Forensic Samples.** Forensic Sciences. 4(1):152-163
- 216) A. Rubio, A. Haneen Issmer, A. Barbaro, G. Montalvo, F. E. Ortega-Ojeda, C. García-Ruiz (2024)
Effects of different light exposures on human ultra-weak photon emission: Preliminary findings for a pioneering control tool in cosmetics, Microchemical Journal, 111351
- 217) A. M. Salazar, A. Castro, P. Huerta, A. Barbaro (2024)
Evaluation of DNA from teeth subjected to various extreme ante-mortem degradation factors: preliminary study
 Proceedings 30th Congress of the International Society for Forensic Genetics, Santiago De Compostela, Spain, 10-13/9/2024

218) A.Barbaro, G.Falcone,A.La Marca (2024)

Analysis of forensic samples using the Investigator QuantiplexPro RGQkit(Qiagen) at half volumes
Proceedings 30th Congress of the International Society for Forensic Genetics, Santiago De Compostela, Spain, 10-13/9/2024

219) A. Barbaro (invited conference)

Women in Forensics

International Symposium on Human Identification (ISHI), San Antonio, Texas, 23-26 September 2024

220) A. Barbaro (invited conference)

New Technologies for Human and No-human Forensic DNA typing

2 Edition Of 15 Days Refresher Course in Forensic Science, Amity University (India) ,December 19, 2024

221) Barbaro A. (2024)

Techniques for DNA extraction in forensic science: from traditional to modern approaches. Minerva Forensic Med 144:146-52

222) A. Rubio, A. Barbaro, G. Montalvo, F.E. Ortega-Ojeda, C. García-Ruiz (2025).

Influence of External Light on Ultra-Weak Photon Emission of Fruits: Forensic Differentiation of Organic and Conventional Fruits. *Sensors*, 25(6), 1799.

223) A. Salazar, P.A. Huerta, V. Coliboro-Dannich, A.F. Castro, & A. Barbaro, (2025).

Evaluation of DNA in Human Teeth—Ante-Mortem and Post-Mortem Factors Affecting Degradation and Preservation: A Literature Review. *Genes*, 16(4), 364

Technical Manuals:

Anna Barbaro,Angelo La Marca, Enzo Nobile , Pasquale Romeo

La prova tecnica nel processo penale: Aspetti pratico scientifici –Key Editore, 2016
ISBN 978-88-6959-514-1 - Chapter: Forensic Genetics

Anna Barbaro (Coordinator)

Manual of Forensic Science: An International Survey

CRC Press (USA) – December 2017 – ISBN9781498766302
Chapter: Forensic Genetics

Anna Barbaro (Coordinator)

Manual de Criminalística y Criminología

Editor Tébar Flores (Spain) - ISBN 9788473606783 – 2020
Chapter: Forensic Genetics - Chapter: Crime Scene Investigation

Anna Barbaro (Coordinator)

Manual de Criminalística y Criminología

ECOE Ediciones (Colombia) - ISBN 9789585030688 – 2021
Chapter: ForensicGenetics -Chapter: CrimeSceneInvestigation

Anna Barbaro, Amarnath Mishra (Coordinatori)

Manual of Crime Scene Investigation

CRC Press (USA) – ISBN 9781032315553 - October 2022
Chapter: Biological evidence Collection

Anna Barbaro, Amarnath Mishra (Coordinators)

Advances in Forensic Biology and DNA Typing

CRC Press (USA) – 9781032720760- in publication
Chapters: Quality certification in Forensics; DNA Extracion from Forensic Samples; Forensic DNA Markers

Anna Barbaro Chapter 10 : SNPs technology: approach and applications in **Forensic Genetics Research Progress** edited by Fabricio Gonzalez-Andrade, Novapublisher (USA) 2010 - ISBN: 978-1-60876-198-2

Anna Barbaro Chapter 2: STR Typing and Available Multiplex Kits Including Validation Methods, Chapter 32: DNA Databases, in **Forensic DNA Typing: Principles, Applications and Advancements**, Springer 2020 - ISBN 978-981-15-6655-4

Anna Barbaro (2021) Challenges in DNA Extraction from Forensic Samples. In: **Handbook of DNA Profiling**. Springer, Singapore (2021) –ISBN 978-981-15-9364-2

Anna Barbaro Chapter Animal Forensic Genetics in **Forensic Veterinary Medicine** Millennium Editor (Brazil), 2023 ISBN978-85-7625-396-9

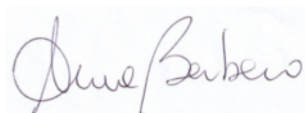
Anna Barbaro, Amarnath Mishra (Coordinators) (2022) **CSI Manual**(2022) - CRC Press (USA)
– Chapter 5 Biological Samples Collection - ISBN 9781032315553

Anna Barbaro Chapter 3. Overview of NGS platforms and technological advancements for forensic applications in **Next Generation Sequencing (NGS) Technology in DNA Analysis** Elsevier (2023) –ISBN 9780323991445 .

Anna Barbaro (2024) Chapter Collection and Preservation of Samples for Forensic DNA Analysis, in **Forensic Biotechnology: Basics and Beyond**, CRC Press - in publication

Anna Barbaro (2025) Chapter the Use of Biallelic Genetic Markers in Forensic DNA Analysis in **Investigative and Predictive DNA Testing**, Elsevier – in publication

15/01/25Anna Barbaro

A handwritten signature in dark ink, appearing to read 'Anna Barbaro', is centered on a light blue rectangular background.