

Curriculum vitae: Dr. Anna Barbaro



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 certification (Spain)

- PROFESOR/A CONTRATADO/A DOCTOR/A n° 2022/01037

- PROFESOR/A AYUDANTE DOCTOR/A n° 2022/01038

- PROFESOR/A DE UNIVERSIDAD PRIVADA n° 2022-1039

Professional experiences

Since 1997

Chief of the Forensic Genetics Department at Studio IndaginiMediche 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 Dicember 2022	Professor of Forensic Biology and CSI in the Master in Criminalistics at the International Institute for Global Security Studies (INISEG), Spain
Since March 2023	Students Tutor in the Master in Criminalistics at the International University of La Rioja (UNIR)
Additional Professional experiences	<p>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 .</p> <p>-In October 2002 and July 2005 invited lecture at the School of Specialization in Legal Medicine of University of Casablanca (Morocco)</p> <p>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)</p> <p>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)</p> <p>Since 2009 to 2012 invited expert speaker during Applied Biosystems Human Identification Meetings IN Italy and Spain.</p> <p>In March 2010 invited expert during the International conference on Missing persons (ICWMP) held in Pristina (Kosovo)</p> <p>In April 2010 invited speaker about Forensic DNA Analysis during the 4th International Conference of the Forensic Medicine Authority - II Cairo (Egypt)</p> <p>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</p> <p>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</p> <p>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.</p>

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 Alcalá 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 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

Universitarian Activity

Professor in the Master of Forensic Sciences at La Sapienza University in Rome, Italy. DURATION: from A.A. 2003/2004 to 2017/2018. Subject: Forensic Genetics

Professor in the PhD program in Forensic Sciences, ESENI-CESTE University Center, 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
Subjects: Biology and evidence - Crime Scene investigation

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, 2021 Session: New Technologies in forensic DNA typing

Professor in the International Course "Introduction to Forensic Biology and Forensic Genetics", University of Medellin, Colombia, online. Subject: Forensic Genetics (in organization)

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

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 crime scene investigation.

Professor of Forensic Biology and CSI in the Master in Criminalistics at the International Institute for Global Security Studies (INISEG), Spain

Students Tutor in the Master in Criminalistics at the International University of La Rioja (UNIR)

Associations

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 Association of Orthodontic and Forensic Odontology (IAOFO)
Honour Member of the Georgian Academy of Forensic Sciences (GAFS)
Honour Member of the Peruvian Association of Forensic Odontology (APOFOR)
Honour Member of the Bolivian Association of Forensic Sciences (SBCF)
Honour Member of the Association for European Cooperation and Security

Scientific Journals

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 (ASFSPM)
Journal of Advances in Medicine and Medical Research (JAMMR)

Conferences/Courses Organizer

WAWFE International Conference (WIC2013), June 6-7, 2013, Rome, Italy
WAWFE International Conference (WIC2016), November 7-10, 2016, Miami
WAWFE International Conference (WIC2020), November 21-22, 2020, 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

**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

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

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

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 Guild Online
July 29-31, 2022

	<p>6th Global Webinar on Forensic Science, Global Scientific Guild Online November 16-18, 2022</p> <p>7th Global Webinar on Forensic Science, Global Scientific Guild Online March 22-24, 2023</p>
Reviewer Activity	<p>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.</p> <p>Reviewer of the following book Proposals: Advancements in Forensic DNA Analysis by Dr. Hirak Ranjan Dash (Springer); Next Generation Sequencing (NGS) Technology in DNA Analysis (Elsevier) - 2021</p>
Additional Competence	<p>Tutor of University students of Forensic Sciences courses (also in the context of Erasmus Project)</p> <p>Director of 7 Master Thesis (Univ. Roma, Univ. Palermo) 1 Degree Thesis (Univ. Roma), 1 Specialization Thesis (Univ. Reggio Calabria), 2 PhD Thesis at UAH, external tutor of degree and post-degree students and in the Erasmus Program.</p> <p>Teacher in forensic courses or during practical training</p> <p>Invited speaker in national and international courses and conferences Conferences and Courses Organizer</p> <p>Included in the Expert Database of the EU commission (Exp 2018d332195).</p> <p>Participation at courses about Quality procedures according to international standard UNI EN ISO 9001 and UNI EN ISO17025</p> <p>Many years experience as forensic geneticist, involved in crime caseworks of national relevance.</p> <p>Experience with cold cases, working also with UK Police</p>
Skills	<p>Manual and robotic DNA extraction from biological samples (liquids, spots, traces, hair, bones) in forensic and paternity cases</p> <p>DNA Amplification by PCR using forensic multiplex</p> <p>Analysis of autosomal and sexual STR (Y-STR, X-STR)</p> <p>Use of automatic DNA sequencer (capillary electrophoresis)</p> <p>Use of software for data analysis (Genemapper 3.2, Genemapper IDX)</p> <p>Use of softwares for bio-statistical calculation (Families, LRmix, Geno Proof)</p> <p>Knowledge of NGS methodology , Infrared and Raman spectroscopy</p> <p>Crime scene investigation and evidence collection</p> <p>Proficiency with Word, Excel and PowerPoint</p> <p>Expert witness at Court</p> <p>Knowledge of ISO 17025</p>
Certification	<p>Certification as “Senior Forensic Geneticist” in accordance to ISO/IEC 17024 released by KHC(Italy) in November 2014.</p>
Prizes	<p>Award for the contribution to the Mediterranean Academy of Forensic Science (MAFS) – Oporto (Portugal), June 2007</p> <p>Prize to “The Leader In Research and Health Sciences for the Benefit of Mankind 2019” by the Sociedad Internacional En Investigacion, Salud, Desarrollo Empresarial Y Tecnologias – Siisdet.-2019</p>

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

Projects

New methods for forensic DNA typing and population studies, funded by SIMEF (Italy) Start date : 1997 – Enddate 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 2015 – End date 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 Main Investigator: Roberto Chirico, ENEA.

Investigation of consumption profiles of New Psychoactive Substances (NPS) in Spain (IUICP-2019/07)
Project funded by the University Institute for Police Science Research (IUICP) - Start Date 12/05/2019 – End date 12/31/2022

PROJECT TITLE: Identification of risk factors in the case of drug-facilitated sexual abuse (DFSA) based on forensic-police data (IUICP-2019/06) Project financed by the University Institute for Police Science Research (IUICP) - DURATION: 05 /12/2019 – 12/31/2022

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, 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

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

8) 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

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

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

10) 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

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

La distribution des fréquences géniques et genotypiques 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 (Sicilie-Italie du Sud). XIII Journées Internationales Méditerranéennes de Médecine Légale - Hammamet (Tunisie) -12-15 mai 1999

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

La distribution des fréquences géniques et genotypiques 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 des leurs province

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

13) 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 - Hamamet (Tunisie) 12-15 mai 1999

14) 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

15) 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

16) 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)

17) 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

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

POPULATION GENETIC STUDY OF 15 STRs LOCI USING AmpFISTR IDENTIFILER 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

978-0444507174

19) 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

20) 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

21) 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) - taly 29/5-2/6/2002

Société méditerranéenne de médecine légale

22) Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, Elio Insirello, Anna M. Roccazzello, 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

23) Elio Insirello, Anna M. Roccazzello, 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

24) Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, 2002

QUANTIFICATION OF NON HUMAN DNA BY ALU QUANT HUMAN DNA Quantitation System kit

Workshop "ADVANCES IN LEGAL MEDICINE" - Rome, 13-14 September 2002

25)Anna Barbaro, Aldo Barbaro,2002

DNA TYPING IN A CONTROVERSIAL MURDER CASE

Workshop " ADVANCES IN LEGAL MEDICINE" - Rome, 13-14 September 2002

26)Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, (SIMEF)

Elio Insirello, Anna M. Roccazzello, Giovanni Tringali, (IRMA) 2002

VALIDAZIONE DI KIT FORENSI IN CASI PARTICOLARI (Analisi di DNA non umano)

Lo stato dell'arte in genetica forense. Giuffrè Editore ISBN 8814104603

ProceedingsXIV Convegno GEFI – Verona, November , 14-16,2002

27)Anna Barbaro, Patrizia Cormaci, Alessandro Teatino, Angelo La Marca,Aldo Barbaro (SIMEF) C.Manzo, A. Errante (Shimadzu Italia), 2003

COMPARISON AMONG DIFFERENT PRESUMPTIVE TESTS FOR BLOOD ENHANCEMENTMAFS Inaugural Congress, Marrakech (Morocco) 8-10 May 2003

28)Anna Barbaro, Patrizia Cormaci,Aldo Barbaro, 2003

A STUDY ABOUT DNA DEGRADATION IN FORENSIC SAMPLES

Mediterranean Academy ofForensic Science(MAFS)InauguralCongress,Marrakech(Morocco)8-10 May 2003

29)Anna Barbaro, Patrizia Cormaci, Alessandro Teatino, Angelo La Marca,Aldo Barbaro ,2003

SUICIDE OR HOMICIDE? : A CONTROVERSIAL CASE

XIX Congress of International Academy of Legal Medicine – Milan (Italy), September 3th-6th, 2003

30)Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, (SIMEF)

Elio Insirello, Anna M. Roccazzello, Giovanni Tringali, (IRMA) 2003

DNA EXTRACTION FROM STAMPS AND ENVELOPE FLAPS

XIX Congress of International Academy of Legal Medicine – Milan (Italy), September 3th-6th, 2003

31)Anna Barbaro, Patrizia Cormaci, Angelo La Marca,Aldo Barbaro,2003

IDENTIFICATION OF 2 BURNT BODIES FOUND INSIDE A CAR

XIX Congress of International Academy of Legal Medicine – Milan (Italy), September 3th-6th, 2003

32)Anna Barbaro, Patrizia Cormaci,Aldo Barbaro, Said Louahlia,2003

DNA ANALYSIS IN A CASE OF SERIAL MURDERERS

Progress in Forensic Genetics n°10, Elsevier 2004 (International Congress Series)

Proceedings 20th Congress of the International Society for Forensic Genetics Arcachon, France, 9 -13 September 2003

33)Anna Barbaro, Patrizia Cormaci, Alessandro Teatino,Aldo Barbaro ,2003

VALIDATION OF FORENSIC DNA ANALYSIS FROM BLOODSTAINS TREATED BY PRESUMPTIVE TEST REAGENTS

Progress in Forensic Genetics n°10, Elsevier 2004 (International Congress Series)

Proceedings 20th Congress of the International Society for Forensic GeneticsArcachon, France, 2003

34)A. Barbaro, P.Cormaci , N. Staiti, L. Saravo, 2003

DNA PROFILING BY DIFFERENT EXTRACTION METHODS

Progress in Forensic Genetics n°10, Elsevier 2004 (International Congress Series)

Proceedings 20th Congress of the International Society for Forensic GeneticsArcachon, France, 2003

35)Anna Barbaro, Patrizia Cormaci, Alessandro Teatino, Angelo La Marca, Aldo Barbaro ,2003

A CONTROVERSIAL MURDER CASE

Proceedings3° European Academy of Forensic Science Triennial Meeting (EAFS/ENFSI),Istanbul (Turkey) September 22-27, 2003.

Forensic Science International Vol. 136 Suppl.1, 2003

36)Anna Barbaro, Patrizia Cormaci, Aldo Barbaro, S. Turrina, D. De Leo,2003

DNA TYPING FROM UNUSUAL SAMPLES : A CASE REPORT

Proceedings3° European Academy of Forensic Science Triennial Meeting (EAFS/ENFSI),Istanbul (Turkey) September 22-27, 2003.Forensic Science International Vol. 136 Suppl.1, 2003

37)A. Barbaro, P.Cormaci, N. Staiti, L. Saravo,2003

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Overview on Progress in Forensic Deoxyribonucleic Acid Analysis
 Toxicol Forensic Med Open J. 2016; 1(1): e14-e15.
- 137) A. Barbaro
Progress in Forensic Genetics (invited conference)
 WAWFE International conference 2016 (WIC2016), 7-11 November 2016, Miami (USA)
- 138) A. Barbaro
Progressi nell'Analisi Forense del DNA(invited conference)
 Convegno "Le nuove frontiere della Biologia Forense nelle Indagini Giudiziarie"- 3 Marzo 2017- Locri (RC)
- 139) 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
- 140) A. Barbaro, P. Cormaci
Study About The Efficacy Of Several Expired DNA Reagents
 Emirates International Forensic Conference & Exhibition, Dubai, 2-7 April, 2017
- 141) A. Barbaro
La Escena del Crimen y el Análisis Forense de ADN(invited conference)
 1° Congreso Internacional de Tecnicas Peritales, 16-17 Junio, 2017 Alicante, (España)
- 142) A. Barbaro
La Scena del Crimine e l'Analisi Forense del DNA(invited conference)
 Convegno La Biologia Forense nelle Indagini Giudiziarie- 28 Giugno 2017- Vibo Valentia (VV)
- 143) A. Barbaro
Adelantos Científicos en Genética Forense(invited conference)
 4° Congreso Internacional de Criminalística y Criminología – Universidad Isabel I, September 23-24 ,2017–Burgos (España)
- 144) A.Barbaro
La Escena del Crimen y el Análisis Forense de ADN

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

145) 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

146) 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)

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

DNA Extraction from soil by EZ1 Advanced XL (Qiagen)
Forensic Science International (2019) 299:161-167

148)A. Barbaro

Women In Forensics: an international overview
Forensic Science International: Synergy (2019) Vol.1:137-139

149) 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

150) 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

151) 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

152) 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

153) 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

154) 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

155) 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

156) A.Barbaro (invited conference)

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

157) 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

158) A. Barbaro (invited conference)

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

159) A. Barbaro(invited conference)

Crime scene investigation and Forensic DNA typing

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

160) A. Barbaro(invited conference)

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

161) A. Barbaro(invited conference)

Women in Forensics

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

162) A. Barbaro(invited conference)

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

163) A. Barbaro(invited conference)

Mujeres Forenses -Conferencia MENTALCOP – November 7, 2020

164)A. Barbaro(invited conference)

La genética forense en la resolución de casos criminales

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

165) 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

166) 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

167) 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

168) 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

169) 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

170) 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

171) 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

172) 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

- 173) 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
- 174) A. Barbaro (invited conference)
Women in Forensics and Crime
 Conference Forensic Science in the Caribbean - Bridging the Gap for the 21st Century
 Caribbean Association of Forensic Sciences (CAFS), April 16-17, 2021
- 175) 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)
- 176) A. Barbaro (invited conference)
La escena del crimen
 Universidad Nacional de Educación a Distancia (UNED), Curso Verano Las huellas del crimen , online 14-16 July 2021
- 177)) A. Barbaro (invited conference)
The effectiveness of DNA databases
 2nd Global Webinar on Forensic Science, Global Scientific Guild - online July 23-25, 2021
- 178) 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
- 179) A. Barbaro (invited conference)
Women role in forensic science and in crimes
 Congresului Național de Medicină Legală - Romania/online October 21-23, 2021
- 180) A. Barbaro (invited conference)
DNA Databases: An Overview
 Congresului Național de Medicină Legală - Romania/online October 21-23, 2021
- 181) A. Barbaro (invited conference)
Forensic Science in Italy : caseworks review
 IASR 10th International eConference on Crime Scene Investigation - online October 30, 2021
- 182) A. Barbaro (invited conference)
New Technologies in forensic DNA typing
 International Post-Doctoral Program - Mediterranean International Centre for Human Rights Research – University Mediterranean RC – online – November 20, 2021
- 183) A. Barbaro (invited conference)
Crime Scene Investigation : procedures & errors
 3rd Global Webinar on Forensic Science, Global Scientific Guild -online November 19-21, 2021
- 184) 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-
- 185) 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

186) A. Barbaro (invited conference)

Advances in Forensic DNA Typing

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

187) A. Barbaro

Worldwide Association of Women Forensic Experts

Las Mujeres en las Ciencias Forenses – University of Alcalá (UAH) – March,8,2022

188)A. Barbaro (invited conference)

Avances en el Análisis Forense de ADN

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

189) 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

190)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

191) 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

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

ATR FTIR Spectroscopy Assisted By Chemometrics Applied To Forensic Chemistry: Bodily Fluid Differentiation

FSI International Supplement Series, in press

193)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

194) 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

195) A. Barbaro (invited conference)

Advances in Forensic DNA Analysis

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

196) 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

Technical Manuals:

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

Manuale **La prova tecnica nel processo penale: Aspetti pratici scientifici** –Key Editore, 2016

ISBN 978-88-6959-514-1 - Chapter : Forensic Genetics

Anna Barbaro (Coordinator)weww

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
ECOEdiciones (Colombia) - ISBN 9789585030688 – 2021
Chapter: Forensic Genetics - Chapter: Crime Scene Investigation

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), in press

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 – in press (May 2023)

05/03/23
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