

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Susi Pelotti**
Address(es) Department of Medical and Surgical Sciences (DIMEC), Legal Medicine, University of Bologna, via Imerio 49, 40126 Bologna, Italia
Telephone(s) 0039 051 2088343
Fax(es) 0039 051 2088342
E-mail susi.pelotti@unibo.it
Nationality Italian
Date of birth 11/08/1957
Gender Female

Occupational field **Legal Medicine**

Work experience

Dates 2016 Full Professor, Legal Medicine, University of Bologna
 2006 Associate Professor, Legal Medicine, University of Bologna.
 2001 Researcher, Institute of Legal Medicine, University of Bologna
 1991 technician collaborator, Institute of Legal Medicine, University of Bologna.
 1986 - 1990 research collaborator, Institute of Legal Medicine, University of Bologna.

Occupation or position held Full professor of Legal Medicine
Main activities and responsibilities Responsible of academic education in Legal Medicine and chief of the Laboratory of Forensic genetics
Name and address of employer University of Bologna
Type of business or sector Legal Medicine

Education and training

Dates 1983 Degree in Medicine e Surgery cum laude, University of Bologna
 1986: Specialization in Legal Medicine cum laude, University of Bologna

Title of qualification awarded 2006 - 2014 Vice President Italian society of Forensic genetics (Ge.F.I.).
 2015 -2018 President of Italian society of Forensic genetics (Ge.F.I.).
 Member of the board of the Italian Society of Legal Medicine (SIMLA)

Principal subjects/occupational skills covered Forensic genetics, violence against women and child, elder abuse, professional liability, Informed consent, Shared decision making

Personal skills and competences

- Professor of Legal Medicine at the School of Medicine and Department of Law Science
- Professor of Forensic Biology, Degree course of Biology of health.
- Professor of Legal Medicine for the degree course in Medical Biotechnologies
- Professor of Legal Medicine for the medical specialization schools
- Professor of Legal Medicine for the Violence against women teaching in the School of Medicine

Mother tongue(s)

Italian

Other language(s)

English

Self-assessment

European level (*)

Language

Language

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
	C1		C2		B2	B2	C1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Partner of the project INSIEME of the Municipality of Bologna with financing from Ministero delle Pari Opportunità for the years 2007-2009 and trainer for the target group.

Partner of the Italian group involving in child abuse guidelines
 Component of the scientific board of Daphne project : LEXOP, Lex-operators all together for women victims of intimate partner violence" ((Grant Agreement n. JUST/2009/DAP3/AG/1344).

Organisational skills and competences

2010 - 2013 President of Equal Opportunity Committee of the University of Bologna
 2010-2011 2012-2013 and 2017-until now : Director of the school of legal Medicine University of Bologna
 2012 - 2015 and 2018 – until now Secretary of the Board of the School of Medicine University of Bologna
 Member of the board of the PhD "Medical general sciences and services"
 2016-until now: member of the Bioethical board of the University of Bologna

Computer skills and competences

Microsoft Office

Annexes

Scientific publications
 I.F 113,561

1. Fersini F, Govi A, Rizzo ML, De Nooijer K, Ingravallo F, Fais P, Rizzo N, Pelotti S. Shared decision-making for delivery mode: An OPTION scale observer-based evaluation. Patient Educ Couns. 2019 Apr 21 doi: 10.1016/j.pec.2019.04.015.
2. Mazzotti MC, Fais P, Palazzo C, Fersini F, Ruggeri A, Falconi M, Pelotti S, Teti G. Determining the time of death by morphological and immunohistochemical evaluation of collagen fibers in postmortem gingival tissues. Leg Med (Tokyo). 2019;39:1-8
3. Pelletti G, Garagnani M, Rossi F, Roffi R, Barone R, Pelotti S. Optimization of cloned enzyme donor immunoassay cut-offs for drugs of abuse in whole blood of drivers involved in road accidents. Forensic Sci Int. 2019;294:27-33
4. Fais P, Mazzotti MC, Montisci M, Palazzo C, Leone O, Cecchetto G, Viel G, Pelotti S. Post-mortem thermal angiography: a pilot study on swine coronary circulation. Int J Legal Med. 2019; 133:571-581
5. Fersini F, Fais P, Cerquetti I, Mazzotti MC, Palazzo C, Leone O, Pelotti S. Sudden unexpected death in a case of necrotizing eosinophilic myocarditis. Leg Med (Tokyo). 2019 38:1-4

6. Pelletti G, Garagnani M, Barone R, Boscolo-Berto R, Rossi F, Morotti A, Roffi R, Fais P, Pelotti S. Validation and preliminary application of a GC-MS method for the determination of putrescine and cadaverine in the human brain: a promising technique for PMI estimation. *Forensic Sci Int.* 2019, 297:221-227
7. Cilli E, Sarno S, Gnechchi Ruscone GA, Serventi P, De Fanti S, Delaini P, Ognibene P, Basello GP, Ravegnini G, Angelini S, Ferri G, Gentilini D, Di Blasio AM, Pelotti S, Pettener D, Sazzini M, Panaino A, Luiselli D, Gruppioni G. The genetic legacy of the Yaghnobis: A witness of an ancient Eurasian ancestry in the historically reshuffled central Asian gene pool. *Am J Phys Anthropol.* 2019, 168:717-728
8. Mazzotti MC, Scarcella E, D'Antone E, Fersini F, Salsi G, Ingravallo F, Amadasi A, Pelotti S. Italian healthcare professionals' attitude and barriers to mandatory reporting of elder abuse: An exploratory study. *J Forensic Leg Med.* 2019, 63:26-30
9. Fais P, Pascali JP, Mazzotti MC, Viel G, Palazzo C, Cecchetto G, Montisci M, Pelotti S. Possible fatal hyperthermia involving drug abuse in a vehicle: case series. *Forensic Sci Int.* 2018, 292:e20-e24
10. Iuvaro A, Bini C, Dilloo S, Sarno S, Pelotti S. Male DNA under female fingernails after scratching: transfer and persistence evaluation by RT-PCR analysis and Y-STR typing. *Int J Legal Med.* 2018, 132:1603-1609
11. P. Fais, M. C. Mazzotti, G. Teti, R. Boscolo-Berto, S. Pelotti, M. Falconi. HIF1 α protein and mRNA expression as a new marker for post mortem interval estimation in human gingival tissue. *Journal of Anatomy.* 2018, 232:1031-1037
12. Guadagnini G, Lo Baido S, Poli F, Govi A, Borin S, Fais P, Pelotti S. Fatal varicella in immigrants from tropical countries: Case reports and forensic perspectives. *Leg Med (Tokyo).* 2018;32:83-86
13. Pelletti G, Garagnani M, Rossi F, Roffi R, Banchini A, Pelotti S. Safe drugs in drug facilitated crimes and acute intoxications in Northern Italy. *Forensic Sci Med Pathol.* 2018;14:442-449
14. Palazzo C, Fais P, Mazzotti MC, Gaudio RM, Pelletti G, Pelotti S. A homemade furnace. Influence of occupational skills in a fire-related planned complex suicide. *Forensic Sci Med Pathol.* 2018 ;14:109-113.
15. E. Carnevali; D. Lacerenza; S. Severini; F. Alessandrini; C. Bini; C. Di Nunzio; M. Di Nunzio; M. Fabbri; P. Fattorini; A. Piccinini, E. Ponzano, G. Portera, C. Prevederè, A. Reneieri, F. Scarnicci, A. Verzeletti, S. Pelotti et al. A GEFI collaborative exercise on DNA/RNA co-analysis and mRNA profiling interpretation. *Forensic Science International: Genetics Supplement Series*, 2017, Volume 6 , e18 - e20
16. Carano F, Sarno S, De Fanti S, Serventi P, Bini C, Luiselli D, Pelotti S. Genetic variability of CYP2D6, CYP2B6, CYP2C9 and CYP2C19 genes across the Italian Peninsula *Ann Hum Biol.* 2018, 45:66-71
17. Fais P, Del Borrello E, Pelotti S. La riforma della disciplina in materia di cannabis in prospettiva medico-legale. *Rivista Italiana di Medicina legale*, Giuffrè Editore Milano, fascicolo 4/2016
18. Rizzo ML, Guadagnini G, Pelotti S. Il processo decisionale condiviso come modello per la scelta informata in medicina. *Rivista Italiana di Medicina legale e del Diritto in campo sanitario.* 2016 (2):861
19. Pelotti S., Tagliabracci A., Le Linee Guida del Gruppo Genetisti Forensi Italiani (Ge.F.I.) in tema di identificazione personale a scopo forense. *Rivista Italiana di Medicina legale e del Diritto in campo sanitario.* 2016 (1):253
20. Boattini A, Sarno S, Bini C, Pesci V, Barbieri C, De Fanti S, Quagliariello A, Pagani L, Ayub Q, Ferri G, Pettener D, Luiselli D, Pelotti S. Mutation Rates and Discriminating Power for 13 Rapidly-Mutating Y-STRs between Related and Unrelated Individuals. *PLoS One.* 2016;11(11)
21. M. Moresco, L. N. Riccardi, F. Pizza, C. Zenesini, L. Caporali, G. Plazzi, S. Pelotti. Pharmacogenetics and Treatment Response in Narcolepsy Type 1: relevance of the Polymorphisms of the Drug Transporter Gene ABCB1. *Clinical Neuropharmacology.* 2016; 39:18-23.
22. Salsi G, Mazzotti MC, Carosielli G, Ingravallo F, Pelotti S. Elder abuse awareness in Italy: analysis of reports to the Prosecutor Office of Bologna. *Aging Clin Exp Res.* 2015; 27:359-63. doi: 10.1007/s40520-014-0277-0.
23. Riccardi LN, Carano F, Bini C, Ceccardi S, Ferri G, Pelotti S. CYP2B6 gene single-nucleotide polymorphisms in an Italian population sample and relationship with nicotine dependence. *Genet Test Mol Biomarkers.* 2015; 19:103-7. doi: 10.1089/gtmb.2014.0239.
24. Bini C, Riccardi LN, Ceccardi S, Carano F, Sarno S, Luiselli D, Pelotti S. Expanding X-chromosomal forensic haplotype frequencies database: Italian population data of four linkage groups. *Forensic Sci Int Genet.* 2015;15:127-30.
25. Bodner M, Iuvaro A, Strobl C, Nagl S, Huber G, Pelotti S, Pettener D, Luiselli D, Parson W. Helena, the hidden beauty: Resolving the most common West Eurasian mtDNA control region haplotype by massively parallel sequencing an Italian population sample. *Forensic Sci Int Genet.* 2015; 15:21-26. doi: 10.1016/j.fsigen.2014.09.012.
26. Roseti L, Serra M, Canella F, Munno C, Tosi A, Zuntini M, Pandolfi M, Sangiorgi L, Biso P, Pittalis MC, Bini C, Pelotti S, Gasbarrini A, Boriani L, Bassi A, Grigolo B. In vitro gene and chromosome characterization of expanded bone marrow mesenchymal stem cells for musculo-skeletal applications. *Eur Rev Med Pharmacol Sci.* 2014;18:3702-11.
27. Fattorini P, Prevederè C, Sorçaburu-Cigliero S, Marrubini G, Alù M, Barbaro AM, Carnevali E, Carracedo A, Casarino L, Consoloni L, Corato S, Domenici R, Fabbri M, Giardina E, Grignani P, Baldassarra SL, Moratti M, Nicolini V, Pelotti S, Piccinini A, Pitacco P, Plizza L, Resta N, Ricci U, Robino C, Salvaderi L, Scarnicci F, Schneider PM, Seidita G, Trizzino L, Turchi C, Turrina S, Vatta P, Vecchiotti C, Verzeletti A, De Stefano F. The molecular characterization of a depurinated trial DNA sample can be a model to understand the reliability of the results in forensic genetics. *Electrophoresis.* 2014;35(21-22):3134-44. doi:10.1002/elps.201400141.
28. Purps J, Siegert S, Willuweit S, Nagy M, Alves C, Salazar R, Angustia SM, Santos LH, Anslinger K, Bayer B, Ayub Q, Wei W, Xue Y, Tyler-Smith C, Bafalluy MB, Martínez-Jarreta B, Egyed B, Balitzki B, Tschumi S, Ballard D, Court DS, Barrantes X, Bäßler G, Wiest T, Berger B, Niederstätter H, Parson W, Davis C, Budowle B, Burri H, Borer U, Koller C, Carvalho EF, Domingues PM, Chamoun WT, Coble MD, Hill CR, Corach D, Caputo M, D'Amato ME, Davison S, Decorte R, Larmuseau MH, Ottoni C, Rickards O, Lu D, Jiang C, Dobosz T, Jonkisz A, Frank WE, Furac I, Gehrig C, Castella V, Grskovic B, Haas C, Wobst J, Hadzic G, Drobnic K, Honda K, Hou Y, Zhou D, Li Y, Hu S, Chen S, Immel UD, Lessig R, Jakovski Z, Ilievska T, Klann AE, García CC, de Knijff P, Kraaijenbrink T, Kondili A, Miniati P, Vouropoulou M, Kovacevic L, Marjanovic D, Lindner I, Mansour I, Al-Azem M, Andari AE, Marino M, Furfuro S, Locarno L, Martin P, Luque GM, Alonso A, Miranda LS, Moreira H, Mizuno N, Iwashima Y, Neto RS, Nogueira TL, Silva R, Nastainczyk-Wulf M, Edelman J, Kohl M, Nie S, Wang X, Cheng B, Núñez C, Pancorbo MM, Olofsson JK, Morling N, Onofri V, Tagliabracci A, Pamjav H, Volgyi A, Barany G, Pawlowski R, Maciejewska A, Pelotti S, Pepinski W, Abreu-Glowacka M, Phillips C, Cárdenas J, Rey-Gonzalez D, Salas A, Brisighelli F, Capelli C, Toscanini U, Piccinini A, Piglionica M, Baldassarra SL, Ploski R, Konarzewska M, Jastrzebska E, Robino C, Sajantila A, Palo JU, Guevara E, Salvador J, Ungria MC, Rodriguez JJ, Schmidt U, Schlauderer N, Saukko P, Schneider PM, Sirker M, Shin KJ, Oh YN, Skitsa I, Ampati A, Smith TG, Calvit LS, Stenzl V, Capal T, Tillmar A,

- Nilsson H, Turrina S, De Leo D, Verzeletti A, Cortellini V, Wetton JH, Gwynne GM, Jobling MA, Whittle MR, Sumita DR, Wolańska-Nowak P, Yong RY, Krawczak M, Nothnagel M, Roewer L. A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. *Forensic Sci Int Genet.* 2014;12:12-23.
29. Riccardi LN, Lanzello R, Falconi M, Ceccardi S, Bini C, Pelotti S. Development of a Tetraplex PCR Assay for CYP2D6 Genotyping in Degraded DNA Samples. *J Forensic Sci.* 2014;59:690-5
30. Cicognani A, Fallani M., Pelotti S. *Medicina legale*, Esculapio Editore, Bologna, 2014
31. S. Pelotti. La genetica forense: potenzialità e problematiche. In: Andretta M; Fondaroli D; Gruppioni G. (a cura di): *Dai "Casi Freddi" ai Casi Caldi": Le indagini storiche e forensi fra saperi giuridici e investigazioni scientifiche*. Milano: Wolters Kluwer Italia, 2014; p. 105-114.
32. Pelotti S., Pari S. *Legally e-Health. eHealth, Care and Quality of Life.* 2014, Springer-Verlag Italia.
33. Pelotti S. *Il sesso-genere e la responsabilità nella medicina legale. Manuale di Medicina Sesso-genere.* 2013, Bononia University Press, Bologna.
34. Roseti L, Bassi A, Fornasari PM, Serra R, Canella F, Maso A, Dallari D, Bini C, Pelotti S. A novel DNA profiling application for the monitoring of cross-contamination in autologous chondrocyte implantation. *European Review For Medical And Pharmacological Sciences*, 2013; vol. 17, p. 820-833
35. Pelotti S, D'Antone E, Ventrucci C, Mazzotti MC, Salsi G, Dormi A, Ingravallo F. Recognition of elder abuse by Italian nurses and nursing students: evaluation by the Caregiving Scenario Questionnaire. *Aging Clin Exp Res.* 2013; 25:685-690.
36. Faralli C, Pelotti S, Virgilio M (2013). *Lexop. Lex-operator all together for women victims of intimate partner violence.* Bononia University Press, Bologna.
37. Previderè C, Grignani P, Alessandrini F, Alù M, Biondo R, Boschi I, Caenazzo L, Carboni I, Carnevali E, De Stefano F, Domenici R, Fabbri M, Giardina E, Inturri S, Pelotti S, Piccinini A, Piglionica M, Resta N, Turrina S, Verzeletti A, Presciuttini S. The 2011 GeFI collaborative exercise. Concordance study, proficiency testing and Italian population data on the new ENFSI/EDNAP loci D1S1656, D2S441, D10S1248, D12S391, D22S1045. *Forensic Science International Genetics.* 2013; 7:15-18.
38. Pelotti S. Risvolti medico-legali della medicina di genere. In: *Medicina di Genere.* 2012; p. 55-60, Società Medica Chirurgica, Bologna.
39. Riccardi LN, Lanzello R, Ceccardi S, Bini C, Fersini F, Govi A, Ingravallo F, Pelotti S. CYP2D6 polymorphism in suicide cases- Preliminary results. *International Journal of Legal Medicine*, In: 22nd Congress of the International Academy of legal Medicine. Istanbul, Turkey, 5-8 July, 2012, vol. 126, Suppl 1, p. S317
40. Ingravallo F, Gnucci V, Pizza F, Vignatelli L, Govi A, Dormi A, Pelotti S, Cicognani A, Dauvilliers Y, Plazzi G. The burden of narcolepsy with cataplexy: How disease history and clinical features influence socio-economic outcomes. *Sleep Medicine.* 2012; 13:1293-300
41. Pelotti S., Govi A., Fersini F., Ingravallo F. *Aspetti medico-legali dello stalking.* IUS17, 2012; vol. 2, p. 67-92, ISSN: 2239-2424.
42. Bonsignore A, De Stefano F, Elisa D, Landolfi M.C, Manca M.C, Molinelli A, Odetti P, Pelotti S. Elder abuse in Italy: proposing new tools for detection and prevention. *Aging clinical and experimental research.* 2011;1/23(Suppl 1).
43. Riccardi Ln, Lanzello R, Luiselli D, Ceccardi S, Falconi M, Bini C, Pelotti S. CYP2D6 Genotyping in Natives and Immigrants from the Emilia-Romagna Region (Italy). *Genetic Testing And Molecular Biomarkers.* 2011; vol. 15, p. 801-806
44. Pelotti S, Bini C. Forensic Pharmacogenetics. In: DUARTE NUNO VIERA. *Forensic Medicine From old problems to new challenges.* 2011; p. 267-292, RIJEKA:InTech, ISBN: 978-953-307-262-3.
45. Pelotti S (2011). Dal consenso informato (informed consent) alla scelta informata (informed choice) attraverso il processo decisionale condiviso (shared decision making). In: *La Responsabilità nei Servizi sanitari.* p. 619-635, Torino: Zanichelli, ISBN: 8808065618.
46. Riccardi L.N., Ceccardi S., Falconi M., Luiselli D., Bini C., Pelotti S. Genetic polymorphism of the new Powerplex ESI 17 system in a Tibetan population from Dharamsala (India). *Forensic Science International: Genetics Supplement Series*, 2011; vol. 3, p. 461-462, ISSN: 1875-1768.
47. Presciuttini S., Toni C., Alu' M., Asmundo A., Baldassarri L., Barbaro A., Caenazzo L., Carnevali E., Cerri N., D'Aloia E., Di Nunzio C., Onofri V., Peloso G., Pelotti S., Piccinini A., Robino C., Turrina S., Venturi M., Dominici R. X-chromosome in Italy: a database of 29 STR markers. *Forensic Science International: Genetics Supplement Series*, 2011; vol. 3, p. 37-38.
48. Minarini A., Pelotti S., Trane R. (2011). I maltrattamenti intrafamiliari ed extrafamiliari dell'anziano: come riconoscerli e prevenirli. In: *Gli anziani nelle nostre case e nelle nostre città. Il maltrattamento.* p. 61-77, Milano:Franco Angeli, ISBN: 9788856837032.
49. Bini C., Pelotti S. (2011). La genetica del drug metabolism. In: *Genetica Forense e diritto: prospettive scientifiche, tecnologiche e normative.* Assisi, 16-18 settembre 2010, p. 109-119, Milano:Giuffrè, ISBN: 8814172625.
50. Previderè C, Alessandrini F, Alù M, Biondo R, Caenazzo L, Carboni I, Carnevali E, Fabbri M, Grignani P, Inturri S, Pelotti S, Piccinini A, Piglionica M, Resta N, Turrina S, Verzeletti A, Presciuttini S (2011). Italian population data for the new ENFSI/EDNAP loci D1S1656, D2S441, D10S1248, D12S391, D22S1045. The GeFI collaborative exercise and concordance study. In: 24th World Congress of the International Society for Forensic Genetics. Vienna, Austria, August 29 - September 3, 2011.
51. Presciuttini S, Alù M, Asmundo A, Baldassarri L, Barbaro A, Caenazzo L, Carnevali E, Cerri N, DiNunzio C, Onofri V, Peloso G, Pelotti S, Piccinini A, Robino C, Toni C, Turrina S, Venturi M (2011). X-Chromosome in Italy: a database of 29 STRs. In: 24th World Congress of the International Society for Forensic Genetics (ISFG). Vienna, Austria, August 29 - September 3, 2011.
52. Pelotti S, Bini C (2011). *Genetica forense.* In: Norelli G Pinchi V. *Odontologia forense Parte I Medicina legale in Odontoiatria.* p. 385-403, Padova: Piccin Editore, ISBN: 9788829920570.
53. Lalueza-Fox C, Gigli E, Bini C, Calafell F, Luiselli D, Pelotti S, Pettener D. Genetic analysis of the presumptive blood from Louis XVI, King of France. *Forensic Science International: Genetics*, 2011; vol. 5, p. 459-463, ISSN: 1872-4973.
54. Cicognani A., Ingravallo F., Pelotti S. (2010). *Disturbo mentale causa di invalidità civile, handicap, invalidità pensionabile.* In: *Psichiatra forense, criminologia ed etica psichiatrica.* p. 721-735, Elsevier Milano.
55. Pierini G, Guareschi E, Invernizzi E, Tavone G, Bassi B, Pelotti S (2010). *Analisi multidisciplinare integrata di un caso di omicidio con occultamento di cadavere.* In: VII Convegno nazionale Gruppo Italiano di Patologia Forense. Santa Margherita Ligure, ottobre 2010.
56. Giolito M R, gruppo di lavoro per l'abuso e il maltrattamento dell'infanzia, Pelotti S (a cura di) (2010). *L'abuso sessuale nei bambini prepuberi. Requisiti e raccomandazioni per una valutazione appropriata.* Il Pensiero Scientifico, Roma.

57. Teti G, Mazzotti G, Zago M, Ortolani M, Breschi L, Pelotti S, Ruggeri A, Falconi M. HEMA down-regulates procollagen alpha1 type I in human gingival fibroblasts. *Journal of Biomedical Materials Research. PART A*, 2009; vol. 90, p. 256-262, ISSN: 1549-3296, doi: 10.1002/jbm.a.32082.
58. Falconi M, Teti G, Zago M, Galanzi A, Breschi L, Pelotti S, Ruggeri A, Mazzotti G. Influence of a commercial tattoo ink on protein production in human fibroblasts. *Archives of Dermatological Research*, 2009; vol. 301, p. 539-547, ISSN: 0340-3696, doi: 10.1007/s00403-009-0953-7.
59. Castri' L., Tofanelli S., Garagnani P., Bini C., Fosella X., Pelotti S., Paoli G., Pettener D., Luiselli D. mtDNA variability in two Bantu-speaking populations (Shona and Hutu) from Eastern Africa: implications for peopling and migration patterns in sub-Saharan Africa. *American Journal of Physical Anthropology*, 2009; vol. 140(2), p. 302-311
60. G. Ferri, S. Pelotti. Multiplex ABO-genotyping by minisequencing. In: *DNA and RNA profiling in human blood. Methods In Molecular Biology*, 2009; p. 51-58, NY:Springerlink, ISBN: 978-1-934115-93-0, ISSN: 1064-3745.
61. P. Grignani, C. Turchi, A. Achilli, G. Peloso, M. Alu'e, U. Ricci, C. Robino, S. Pelotti, E. Carnevali, I. Boschi, A. Tagliabracci And C. Previdere'. Multiplex mtDNA coding region SNP assays for molecular dissection of haplogroups U/K and J/T. *Forensic Science International: Genetics*, 2009; vol. 4, p. 21-25
62. Laura Natalia Riccardi, Carla Bini, Stefania Ceccardi, Rachele Trane, Donata Luiselli, Susi Pelotti. CYP2D6 polymorphism studies: How forensic genetics helps clinical medicine. *Forensic Science International: Genetics Supplement Series*, 2009; vol. 2, p. 485.
63. G. Ferri, M. Alu', B. Corradini, L. Picchini, M. Licata, B. S. Pelotti, D. Vandelli, G. Beduschi. Genetics of addiction in legal medicine and forensic investigation: SNPs variations associated with nicotine and cannabis dependence. *Forensic Science International: Genetics Supplement Series*, 2009; vol. 2, p. 491-492, ISSN: 1875-1768.
64. Macciantelli M, Cicognani A, Ingravallo F, Pelotti S (2009). I provvedimenti del medico competente ed il collocamento mirato: risvolti in ambito previdenziale. In: *Abstracts book 39° Congresso Nazionale SIMLA. La Medicina Legale del nuovo millennio tra tradizione ed innovazione*. Ancona, 29 settembre-2 ottobre 2009, p. 7-8, Cleup, Padova.
65. Bini C, Riccardi Ln, Ceccardi S, Roseti L, Bassi A, Pelotti S (2009). Il contributo della genetica forense nella qualità della "Cell factory". In: *La medicina legale del nuovo millennio tra tradizione ed innovazione*. Ancona, 29 settembre-2 ottobre, p. 31, Cleup, Padova.
66. Riccardi Ln, Bini C, Ceccardi S, De Stefano F, Pelotti S (2009). La farmacogenetica forense nell'autopsia molecolare. In: *La medicina legale del nuovo millennio tra tradizione ed innovazione*. Ancona, 29 settembre-2 ottobre 2009, p. 41, Cleup Padova.
67. Carla Bini, Stefania Ceccardi, Federica Lugaresi, Rachele Trane, Mirella Falconi, Gianmarco Ferri, Susi Pelotti. Polymorphism of mitochondrial DNA D-loop in Rimini and Valmarecchia areas in the North of Italy. In: *Progress in Forensic Genetics 12 Proceedings of the 22nd International ISFG Congress*. Forensic Science International, 2008; vol. I (1), p. 262-263, ISSN: 0379-0738, Copenhagen, Denmark, 21-25 August 2007
68. Zago M, Teti G, Mazzotti G, Ruggeri A, Breschi L, Pelotti S, Ortolani M, Falconi M. Expression of procollagen alpha1 type I and tenascin proteins induced by HEMA in human pulp fibroblasts. *Toxicology in Vitro*, 2008; vol. 22, p. 1153-1159, ISSN: 0887-2333, doi: 10.1016/j.tiv.2008.03.008.
69. Ferri G, Ceccardi S, Lugaresi F, Bini C, Ingravallo F, Cicognani A, Falconi M, Pelotti S. Male haplotypes and haplogroups differences between urban (Rimini) and rural area (Valmarecchia) in Romagna region (North Italy). *Forensic Science International*, 2008; vol. 175, 250-255,
70. Turchi C., Buscemi L., Previdere' C., Grignani P., Brandstatter A., Achilli A, Parson W., Tagliabracci A., Alu' M., Beduschi G., Bini C., Carnevali E., Gino S., Giunti L., Lancia M., Pascali V., Pelotti S., Presciuttini S., Ricci U. Robino C. Italian mitochondrial DNA database: results of a collaborative exercise and proficiency testing. *International Journal of Legal Medicine*, 2008; vol. 122, p. 199-204
71. Toni C., Alu' M., Caenazzo L., Carnevali E., Cerri N., Domenici R., Pelotti S., Piccinini A. Previdere' C. Ricci U., Robino C., Tagliabracci A., Venturi M., Presciuttini S. Results of GeFI's (The Italian Forensic Genetics) collaborative exercise on three miniSTR loci (NC01). In: *Progress in Forensic Genetics 12 - Proceedings of the 22nd International ISFG Congress*. Copenhagen, Denmark. Forensic Science International: Genetics, 2008; vol. suppl 1, p. 373-374, ISSN: 1872-4973, Copenhagen, Denmark, 21-25 August 2007.
72. Onofri V., Tagliabracci A., Boschi I., Brisighelli F., Scarnicci F., Pascali V.L., Ferri G., Pelotti S., Capelli C. Y chromosome J2 subtyping in an Italian sample: population and forensic implications. *Forensic Science International: Genetics*, 2008; vol. Suppl 1, p. 233-234.
73. Ferri G., Robino C., Alu' M., Luiselli D., Tofanelli S., Caciagli L., Onofri V., Pelotti S., Di Gaetano C., Crobu F., Beduschi G., Capelli C. Molecular characterization and population genetics of the DYS458.2 variant. *Forensic Science International: Genetics*, 2008; vol. suppl 1, p.203-205, ISSN: 1872-4973.
74. Pelotti S., Ceccardi S., Lugaresi F., Trane R., Falconi M., Bini C, Willuweit S., Roewer L. Microgeographic genetic variation of Y chromosome in a population sample of Ravenna's area in the Emilia-Romagna region (North of Italy). *Forensic Science International: Genetics Supplement Series*, 2008; vol. 1, p. 242-243.
75. Toni C., Alu' M., Caenazzo L., Carnevali E., Cerri N., Domenici R., Pelotti S., Piccinini A. Previdere' C. Ricci U., Robino C., Tagliabracci A., Venturi M., Presciuttini S. Results of GeFI's (The Italian Forensic Genetics) collaborative exercise on three miniSTR loci (NC01). *Forensic Science International: Genetics Supplement Series*, 2008; vol. 1, p. 373-374.
76. Pelotti S, Bini C, Barbaro A, Caenazzo L, Carnevali E, Cerri N, Domenici R, Ferri G, Maniscalco M, Onofri V, Piccinini A, Previdere' C, Ricci U, Robino C, Scarnicci F, Torricelli F, Venturi M, Presciuttini S. Microgeographic variation of Y-chromosome haplotypes in Italy. *Forensic Science International: Genetics Supplement Series*, 2008; vol. 1, p. 239-241.
77. M.Falconi, G.Teti, M.Zago, S. Pelotti, P.Gobbi, L.Breschi, G. Mazzotti. Effect of fixative on chromatin structure and DNA detection. *Microscopy Research and Technique*, 2007; vol. 70, p. 599-606, doi: 10.1002/jemt.20440.
78. M. Falconi, G. Teti, M. Zago, S. Pelotti, L. Breschi, G. Mazzotti. Effects of HEMA on type I collagen protein in human gingival fibroblasts. *Cell Biology and Toxicology*, 2007; vol. 23, p. 313-322.
79. Pelotti S, Ceccardi S, Alu' M, Lugaresi F, Trane R, Falconi M, Bini C, Cicognani A. Cancerous tissues in forensic genetic analysis. *Genetic Testing*, 2007; vol. 11, p. 397-400, doi: 10.1089/gte.2007.0004.
80. Cicognani A., Ingravallo F., Pelotti S. (2006). Il disturbo mentale causa di invalidità civile, handicap, invalidità pensionabile. In: *Psichiatria forense, Criminologia ed Etica in Psichiatria*. p.639-654, Milano:Masson.

81. Bini C., Ceccardi S., Santini D., Taffurelli M., Falconi M., Lugaesi F., Ingravallo F., Fortuni G., Cicognani A., Pelotti S. (2006). Breast cancer and HumARA CAG polymorphism. *European Journal of Human Genetics*, In: *European Human Genetics Conference 2006*. Amsterdam, The Netherlands, 6-9 May 2006, vol. 14 supplement 1, p. 209.
82. Ceccardi S., Bini C., Santini D., Taffurelli M., Falconi M., Lugaesi F., Ingravallo F., Ferri G., Cicognani A., Pelotti S. (2006). HumARA CAG polymorphism in human colon cancer. *European Journal of Human Genetics*, In: *European Human Genetics Conference 2006*. Amsterdam, The Netherlands, 6-9 May 2006, vol. 14 supplement 1, p. 218, ISSN: 1018-4813.
83. Ferri G, Bini C, Ceccardi S, Ingravallo F, Lugaesi F, Pelotti S. Minisequencing-based genotyping of Duffy and ABO blood groups for forensic purposes. *Journal of Forensic Sciences*, 2006; vol. 51, p. 357-360
84. A. Cicognani, S. Pelotti (a cura di) (2006). *Il DNA nella società attuale: test genetici, disastri di massa, identificazione criminale*. Di miscellanea. Giuffrè, Milano.
85. Presciuttini S, Cerri N, Turrina S, Pennato B, Alu M, Asmundo A, Barbaro A, Boschi I, Buscemi L, Caenazzo L, Carnevali E, De Leo D, Di Nunno C, Domenici R, Maniscalco M, Peloso G, Pelotti S, Piccinini A, Podini D, Ricci U, Robino C, Saravo L, Verzeletti A, Venturi M, Tagliabracci A. Validation of a large Italian Database of 15 STR loci. *Forensic Science International*, 2006; vol. 156, p. 266-268
86. Ceccardi S, Alu' M, Lugaesi F, Ferri G, Bini C, Balbi T, Ingravallo F, Pelotti S. The distribution of Y-chromosomal haplotypes and haplogroups in two population samples from the Romagna region (North Italy): Differences between urban (Rimini) and rural area (Valmarecchia). *International Congress Series*, 2006; vol. 1288, p. 262-264, ISSN: 0531-5131, doi: 10.1016/j.ics.2005.09.078.
87. Ceccardi S, Alù M, Lugaesi F, Ferri G, Bini C, Balbi T, Ingravallo F, Pelotti S. Evaluation of reliability of STR typing in different types of cancerous tissues used for identification purpose. *International Congress Series*, 2006; vol. 1288, p. 672-675, ISSN: 0531-5131, doi: 10.1016/j.ics.2005.11.044.
88. Bini C., Ceccardi S., Ferri G., Pelotti S., Alu' M., Roncaglia E., Beduschi G., Caenazzo L., Ponzano E., Tasinato P., Turchi C., Mazzanti M., Buscemi L., Tagliabracci A., Toni C., Spinetti I., Domenici R., Presciuttini S. Development of a heptaplex PCR system to analyse X-chromosome STR loci from five Italian population samples. A collaborative study. *Forensic Science International*, 2005; vol. 153(2-3), p. 231-236, ISSN: 0379-0738, doi: 10.1016/j.forsciint.2005.05.013.
89. S. Ceccardi, F. Lugaesi, T. Balbi, A. Conconi, F. Ingravallo, G. Ferri, C. Bini, S. Pelotti. STR typing of cancerous tissue for identification purpose. *European Journal of Human Genetics*, 2005; vol. 13 suppl 1, p. 206
90. Ingravallo F., Lugaesi F., Pelotti S. (2005). Profili di responsabilità professionale nella chirurgia dell'otosclerosi. In: *La stapedoplastica*. p. 137-157, TorGraf, Lecce.
91. Ferri G, Bini C, Ceccardi S, Pelotti S. (2004). ABO blood group genotyping of multiple single nucleotide polymorphisms using SnaPshot. In: *Doutremepuich C, Morling N. Progress in Forensic Genetics*. p. 556-558, Amsterdam:Elsevier.
92. C. Bini, S. Ceccardi, G. Ferri, Pelotti S., M. Alu', E. Roncaglia, G. Beduschi, L. Caenazzo, E. Ponzano, P. Tasinato, C. Turchi, M. Mazzanti, A. Tagliabracci, C. Toni, I. Spinetti, R. Domenici, S. Presciuttini (2004). Development of a heptaplex PCR system to analyse X-chromosome STR loci from five Italian population samples. A collaborative study. In: *Doutremepuich C, Morling N. Progress in Forensic Genetics*. p. 272-274, Amsterdam:Elsevier.
93. Ferri G, Bini C, Ceccardi S, Pelotti S. Successful identification of two years old menstrual bloodstains by using MMP-11 shorter amplicons. *Journal of Forensic Sciences*, 2004; vol. 49, p. 1387.
94. Caenazzo L, Bini C, Ferri G, Ceccardi S, Bruscaignin S, Ponzano E, Greggio Na, Pelotti S. (2004). HVI and HVII mitochondrial DNA polymorphism in Turner syndrome: analysis of 28 mother-child pairs. *European Journal of Human Genetics*, In: *European Human Genetics Conference 2004*. Munich, Germany, 12-15 June 2004, vol. 12, p. 119.
95. Ferri G, Bini C, Ceccardi S, Pelotti S. ABO genotyping by minisequencing analysis. *Transfusion*, 2004;vol. 44, p. 943-944, ISSN: 0041-1132, doi: 10.1111/j.1537-2995.2004.00381.x.
96. C. Bini, S. Ceccardi, C. Colalongo, G. Ferri, M. Falconi, Pelotti S, G. Pappalardo. (2003). Population data of mitochondrial DNA region HVIII in 150 individuals from Bologna. In: *Doutremepuich C, Morling N.. Progress in forensic genetics*. vol. 9, p. 525-528 Amsterdam:Elsevier Science BV, ISBN: 0444507175.
97. Pelotti S, G. Ferri, C. Colalongo, A. Abbondanza, M. Falconi, G. Pappalardo (2003). A method to help the detection of false homozygous samples at D17S5 locus. In: *Doutremepuich C, Morling N.. Progress in forensic genetics*. vol. 9, p. 677-679, Amsterdam:Elsevier Science BV, ISBN: 0444507175
98. Pelotti S, Bini C, Ceccardi S, Ferri G, Abbondanza A, Greggio NA, Ponzano E, Caenazzo L. Sex chromosome analysis in Turner syndrome by a pentaplex PCR assay. *Genetic Testing*, 2003; vol. 7, p. 245-247, ISSN: 1090-6576, doi: 10.1089/10906570332253727.
99. Bini C, Ceccardi S, Luiselli D, Ferri G, Pelotti S, Colalongo C, Falconi M, Pappalardo G. Different informativeness of the three hypervariable mitochondrial DNA regions in the population of Bologna (Italy). *Forensic Science International*, 2003; vol. 135, p. 48-52, ISSN: 0379-0738, doi: 10.1016/S0379-0738(03)00167-1.
100. Presciuttini S, Ciampini F, Alu M, Cerri N, Dobosz M, Domenici R, Peloso G, Pelotti S, Piccinini A, Ponzano E, Ricci U, Tagliabracci A, Baley-Wilson JE, De Stefano F, Pascali V. Allele sharing in first-degree and unrelated pairs of individuals in the Ge.FI AmpFISTR (R) Profiler Plus (TM) database. *Forensic Science International*, 2003; vol. 131, p. 85-89, ISSN: 0379-0738
101. Colalongo C, Ferri G, Pelotti S (2003). Identificazione di tracce di sangue mestruale mediante reverse transcriptase-polymerase chain reaction del recettore alfa degli estrogeni (ERalfa). In: *Lo stato dell'arte in genetica forense*. 2002, 147-152, Milano:Giuffrè, ISBN: 8814104603.
102. Bini C, Ceccardi S, Pelotti S (2003). Tracce di DNA: cosmetici come sorgente di profilo genetico. In: *Lo stato dell'arte in genetica forense*. 2002, 191-197, Milano:Giuffrè, ISBN: 8814104603.
103. Ferri G, Bini C, Pelotti S (2003). Amplificazione Y specifica del locus dell'amelogenina per la determinazione del sesso in campioni difficili. In: *Lo stato dell'arte in genetica forense*. 2002, 199-206, Milano:Giuffrè, ISBN: 8814104603.
104. Caenazzo L, Ponzano E, Pelotti S, Ferri G, Bini C, Ceccardi S, Colalongo C, Artifoni L, Greggio NA. Pentaplex X polymorphisms to determine parental origin of X chromosomes in Turner patients. *European Journal of Human Genetics*, 2002; vol. 10, p. 195, ISSN: 1018-4813.
105. Ferri G, Colalongo C, Bini C, Pelotti S, Pappalardo G (2001). DNA typing of hair shafts by microwave irradiation: real or deceptive evidence? *International Journal of Legal Medicine*, vol. 115, p. 118-119, ISSN: 0937-9827, doi: 10.1007/s004140100252.

106. Luiselli D, Maiolini E, Pelotti S, Bini C, Ferri G, Pappalardo G. The HUMFIBRA (FGA) polymorphism in an Italian population and a world-wide frequency distribution analysis. *Annals of Human Biology*, 2001; vol. 28, p. 431-443, ISSN: 0301-4460.
107. Pelotti S, Maiolini E, Bini C, Rimondi S, Luiselli D, Pappalardo G. Automated fluorescence analysis of CAG repeats at the human androgen receptor gene (HUMARA) - Evaluation of polymorphism in an Italian sample and report of a new allele. *The American Journal of Forensic Medicine and Pathology*, 2001; vol. 22, p. 55-57, ISSN: 0195-7910, doi: 10.1097/00000433-200103000-00010.
108. Falconi M, Pelotti S, Pappalardo G. A method for sex assignment in mixed samples. *Human Genetics*, 2001; vol. 108, p. 267-268, ISSN: 0340-6717, doi: 10.1007/s004390100478.
109. Caviccholi CM, Lemme E, Pelotti S, Venturini G (2001). *Aggiornamenti normativi in Medicina Legale*. Gennaio 2000-gennaio 2001. Bologna:Esculapio.
110. D'aloja, R. Domenici, M. Alu', A. Asmundo, L. Caenazzo, E. Carnevali, N. Cerri, G. Cossu, N. Cucurachi, F. De Stefano, C. Di Nunno, P. Fattorini, G. Graziosi, V.L. Pascali, G. Pasqui, Pelotti S, A. Piccinini, C. Previdere, S. Procaccianti, U. Ricci, A. Tagliabracci, S. Presciuttini (2000). Report of three further collaborative exercises on STR loci by the Italian group of forensic hematology. In: Sensabaugh G.F., Lincoln P.J., Olaisen B. *Progress in Forensic Genetics*. vol. 8, p. 622-624, Amsterdam:Elsevier Science BV, ISBN: 0-444-50303-X.
111. D'Apote L, Pelotti S, Bini C, Rimondi S, Ceccardi S, Ferri G, Pappalardo G. Myotonic dystrophy CTG repeats in an Italian population sample - Evaluation of the polymorphism for forensic applications. *The American Journal of Forensic Medicine and Pathology*, 2000; vol. 21, p. 86-89, ISSN: 0195-7910, doi: 10.1097/00000433-200003000-00017.
112. Buscemi L, Canestrari S, Pesaresi M, Pelotti S, Pappalardo G. Tagliabracci A (2000). A case of paternity attribution by means of DNA analysis of skeletal remains. In: G. F. Sensabaugh B. Olaisen P. J. Lincoln. *Progress in Forensic genetics 8*. vol. 8, p. 390-392, Amsterdam:Elsevier Science B.V., ISBN: 044450303X.
113. Pelotti S, Mantovani V, Esposti PD, D'Apote L, Bragliani M, Maiolini E, Abbondanza A, Pappalardo G. The DRPLA CAG repeats in an Italian population sample: Evaluation of the polymorphism for forensic applications. *Journal of Forensic Sciences*, 1998; vol. 43, p. 410-412, ISSN: 0022-1198
114. Magrini E, Degli Esposti P, Pelotti S, Prete A, Varriale L, Soriani P, Pession A (1998). Valutazione del chimerismo nel trapianto di cellule staminali emopoietiche allogeniche attraverso lo studio dei microsatelliti. *Rivista Italiana Di Pediatria*, vol. 24, ISSN: 0392-5161.
115. Pelotti S, Alù M, Luiselli D, Rossi E, D'Apote L, Degli Esposti P, Pappalardo G. HumVWA polymorphism in two Italian population samples. *Trasfusione del sangue*, 1997; vol. 42, p. 212-215, ISSN: 0041-1787.
116. Ceccardi S, Rimondi S, Degli Esposti P, Falconi M, Pelotti S, Pappalardo G. Can human placenta extracts interfere with DNA typing in forensic casework? *Medicina Legale. Quaderni Camerti*, 1997; vol. 3, p. 617-621, ISSN: 1125-4645.
117. Pelotti S, Degli Esposti P, Mantovani V, Collina E, Pappalardo G. Study of D17S5 (YNZ22) locus polymorphism in an Italian population sample. *Trasfusione del sangue*, 1995; vol. 40, p. 160-171.
118. Pelotti S, Degli Esposti P., Pappalardo G. APO B polymorphism in the district of Bologna (Italy). In: Bar W., Fiori A., Rossi U.. *Advances in Forensic Haemogenetics*. 1994; vol. 5, p. 547-549, Berlin Heidelberg:Springer-Verlag, ISBN: 3-540-57643-6.
119. Lemme E, Pelotti S (1994). *Aggiornamenti normativi in Medicina legale*. BOLOGNA: Esculapio
120. Luiselli D, Pelotti S. Analysis of properdin factor B polymorphism in Basilicata region (Italy). *Trasfusione del sangue*, 1993; vol. 38, p. 179-182.
121. Sermasi G, Malferrari F, Nucci S, Tripoli N, Brondelli L, Bovicelli L, Luiselli D, Pelotti S. Gli antigeni dei sistemi gruppo-ematici ABO Rh (CcDEe), MNSs, Kell (K.k), Duffy (Fya, Fyb), Kidd (Jka, Jkb), Lutheran (Lua, Lub) e P1 in eritrociti fetali. *Trasfusione del sangue*, 1992; vol. 37, p. 1-8, 0041-1787.
122. Fadda S, Pelotti S, Pappalardo G. A common disinfectant used in condom processing inhibits endonuclease digestion of sperm DNA. *International Journal of Legal Medicine*, 1991; vol. 104, p. 281-284, ISSN: 0937-9827, doi: 10.1007/BF01369586.
123. Pappalardo G, Sermasi G, Re Mc, Furlini G, Pelotti S, Malferrari F. Identification of Anti-Hiv-1 Antibodies in Bloodstains of Various Ages. *International Journal of Legal Medicine*, 1991; vol. 104, p. 63-65, ISSN: 0937-9827, doi: 10.1007/BF01626032.
124. Angelini G, Mantovani V, Pelotti S, Pappalardo G, Barboni F. Simultaneous DNA analysis of HLA-DPB and -DQB loci from single hair: a forensic case report. *Human Immunology*, 1991; vol. 32 Supplement 1, p. 9
125. Pelotti S, Alù M, Luiselli D. Il polimorfismo dell'esterasi D nelle province di Bologna e Modena. *Trasfusione del Sangue*, 1990; vol. 35, p. 206-210, ISSN: 0041-1787.
126. Pappalardo G., Pelotti S. Sex determination in hair roots without sheath: proposal of a method for preparation of specimens. *Quaderni Sclavo di Diagnostica Clinica e di Laboratorio*, 1988; vol. 24, p. 29-36, ISSN: 0033-4979.
127. Motta S, Focchi A, Cicognani A, Pelotti S, Landuzzi F. Determinazione della cronologia della morte in base alle variazioni chimiche dell'umor vitreo. *Archivio di Medicina Legale e delle Assicurazioni*, 1987; vol. 9, ISSN: 0392-5145.

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