

CURRICULUM VITAE

FILIPPO PIRANI MD, PhD



PERSONAL INFORMATION

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WORK EXPERIENCE

2/2023 - Current Researcher type A MEDS-25/A (ex MED/43) Legal Medicine
Alma Mater Studiorum University of Bologna
Department of Medical and Surgical Sciences

12/2021 - Current Medical-Legal Technical Consultant

- Technical Consultant and Judicial Police Auxiliary at the Public Prosecutor's Offices of Bologna, Rimini, Forlì, Ferrara, Ravenna, Parma, Ancona, Pesaro, Macerata for assignments of criminal relevance;
- Expert witness for the GIP of Bologna;
- Medico-legal technical consultant with experience in civil and criminal matters of personal injury, traffic accidents and health care liability.

5/2021 - 4/2022 Physician for the implementation of the COVID19 vaccine administration plan at the Jesi (AN) site.

12/2017 - 12/2021 Physician in specialty training in forensic medicine

Marche Polytechnic University of Ancona

Section of Forensic Medicine, Department of Biomedical Sciences and Public Health, Ancona, Italy

- Marche Regional Ethics Committee Participation.
- Participation in Technical Tables Claims Evaluation Committee A.O.U. Ospedali Riuniti di Ancona
- Medico-Legal Assessments under Articles 186-187 C.d.S.
- Participation in Medico-Legal assessments of civil, criminal, private insurance and social interest
- Participation in the activities of judicial inspections, necropsy investigations, necrosections, and exhumations

- Participation in drafting protocols for scientific studies to be submitted to the Ethics Committee for approval
- Participation in the implementation and reporting of national and European projects
- Participation in the drafting of the document "Diagnostic-Therapeutic Care Pathways" (PDTA) regarding activities for biohazard management in the case of Diagnostic Finding and Judicial Autopsy during the COVID-19 pandemic at the A.O.U Ospedali Riuniti of Ancona

10/2016 - 12/2017

Substitute continuing care physician in charge at the Ostra (AN) and Macerata locations

- Ability to work in Continuity of Care, Territorial Emergency and Seasonal Continuity of Care
- Participation in A.S.O and T.S.O. activation procedures.

10/2016 - 12/2017

Replacements of General Practitioners and Primary Care Pediatricians in the province of Ancona

- Ability to work in the Primary Care setting.
- Development of integrations, alliances, and synergies with both the patient and other professionals involved in the care pathway

10/2016 - 12/2017

Speaker for corporate first aid courses under Legislative Decree 81/2008

- Public speaking skills
- Transmitting medical knowledge and skills

EDUCATION AND TRAINING

10/2024 – 10/2025

Advanced Master Course in Cardiovascular Pathology
University of Padua

06/2024

Advanced Training Course "Methodology of Clinical and Health Research"
Alma Mater Studiorum University of Bologna

03/2024

Ph.D. in Biomedical Sciences
Marche Polytechnic University

12/2021

Specialization in Legal Medicine grade 50/50 cum laude
Marche Polytechnic University

07/2016

Membership in the Ancona Order of Physicians, Surgeons and Dentists.

03/2016

Master's degree in Medicine and Surgery grade 110/110 cum laude
Marche Polytechnic University

07/2009

Classical High School Diploma

Liceo Classico "Vittorio Emanuele II" in Jesi

PERSONAL SKILLS AND COMPETENCIES

MOTHER TONGUE ITALIAN

MORE

- Reading skills

ENGLISH

- Writing skills

EXCELLENT

- Oral expression skills

EXCELLENT

INTERPERSONAL AND

COMMUNICATION SKILLS AND

ABILITIES

- Excellent communication skills gained during periodic exhibition of scientific papers and presentations at national and international conferences
- Ability to work as part of a team and excellent interpersonal skills gained during years of residency and during work and association experiences
- Representative of Doctors in Specialty Training at the Department of Biomedical Sciences and Public Health of the Polytechnic University of Marche from 2018 to 2021
- Student Representative to the Department of Clinical and Molecular Sciences, Faculty Council and Student Council of Marche Polytechnic University from 2014 to 2016
- Soccer referee at the A.I.A. section of Jesi. Direction of competitions up to the "Excellence" category; position of sectional councilor, head of association activities and deputy head of referee courses. From 2005 to 2014.
- Participation in the "Genesis" project in Surat (India), with the aim of helping to spread knowledge and awareness about HIV and AIDS at first and second grade schools in the area, after a training period at some local hospitals. August-September 2012

Organizational SKILLS AND

ABILITIES

E.g., coordination and administration of people, projects, budgets; in the workplace,

- Ability to work in Primary Care and Continuing Care.
- Development of integrations, alliances, and synergies with both the patient and other professionals involved in the care pathway
- Ability to work as a team and cooperate with different professionals
- Good organizational skills of one's own work and that of others, with position of coordination, division of tasks and management of technical and human resources

TECHNICAL SKILLS AND

COMPETENCIES

With computers, specific equipment, machinery, etc.

Excellent use of office suite tools (word processor, spreadsheet) / Excellent use of digital image processing programs / Excellent use of Office package/ Independent e-mail management / Excellent ability to use computer, e-mail, Internet

PROFESSIONAL SKILLS

- Participation in Technical Tables Claims Evaluation Committee A.O.U. Ospedali Riuniti di Ancona
- Marche Regional Ethics Committee Participation.
- Medico-Legal Assessments under Articles 186-187 C.d.S.
- Participation in Medico-Legal Assessments in civil, criminal, private insurance, and social
- Activities of judicial inspections, necropsy investigations and necrosectors
- Ability to work in Primary Care and Continuing Care.
- Development of integrations, alliances, and synergies with both the patient and other professionals involved in the care pathway

DRIVING LICENSES

AM; A; B

MORE INFORMATION

GROUPS/ASSOCIATIONS

- IALM – International Academy of Legal Medicina. From 2024
- AFMEL - Felsine Association of Forensic Medicine. From 2023
- SIMLA - Italian Society of Legal Medicine and Insurance. From 2019

SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS

- 1) Marchei E, Tini A, Pirani F, Lo Faro AF, Marinelli S. Is GHB-glucuronide useful as a biomarker for exogenous use of GHB? Eur Rev Med Pharmacol Sci. 2019;23:2311-2312.
- 2) Carlier J, Giorgetti R, Vari MR, Pirani F, Ricci G, Busardò FP. Use of cognitive enhancers: methylphenidate and analogs. Eur Rev Med Pharmacol Sci. 2019;23:3-15.
- 3) Pirani F, Lo Faro AF, Tini A. Is the issue of Chemsex changing?. Clin Ter. 2019;170(5):337-338.

- 4) Lo Faro AF, Pirani F, Paratore A, Tagliabracci A, Busardò FP. Fatal inhalation of nitrogen inside a closed environment: Toxicological issues about the cause of death. *Forensic Sci Int.* 2019;302:109871.
- 5) Pichini S, Mannocchi G, Berretta P, Zaami S, Pirani F, Pacifici R, Busardò FP. $\Delta 9$ -Tetrahydrocannabinol and Cannabidiol Time Courses in the Sera of "Light Cannabis" Smokers: Discriminating Light Cannabis Use from Illegal and Medical Cannabis Use. *Ther Drug Monit.* 2020;42(1):151-156.
- 6) Di Luca NM, Busardò FP, Pirani F, Vari MR. Evolution of Italian laws banning trafficking, use and abuse of psychotropic drugs. *Ann Ist Super Sanita.* 2020;56(1):76-89.
- 7) Pesaresi M, Pirani F, Tagliabracci A, Valsecchi M, Procopio AD, Busardò FP, Graciotti L. SARS-CoV-2 identification in lungs, heart and kidney specimens by transmission and scanning electron microscopy. *Eur Rev Med Pharmacol Sci.* 2020;24(9):5186 - 5188.
- 8) Ciarimboli E, Pirani F, Beck R, Zaami S. The health threat of γ -butyrolactone (GBL): Hair analysis in a case of intoxication. *Toxicologie Analytique et Clinique.* 2020;32(4):315-318.
- 9) Brunetti P, Lo Faro AF, Pirani F, Berretta P, Pacifici R, Pichini S, Busardò FP. Pharmacology and legal status of cannabidiol. *Ann Ist Super Sanita.* 2020;56(3):285-291.
- 10) Brunetti P, Pirani F, Carlier J, Giorgetti R, Busardò FP, Lo Faro AF. A 2017-2019 Update on Acute Intoxications and Fatalities from Illicit Fentanyl and Analogues. *J Anal Toxicol.* 2020 Aug 29:bkaa115.
- 11) Pirani F, Busardò FP. The Difficult Interpretation of GHB Values in Postmortem Samples: What Strategies Should Be Followed? *J Anal Toxicol.* 2021 Jan 21;44(9):e11-e12. doi: 10.1093/jat/bkaa130. PMID: 33216931.
- 12) Di Trana A, Mannocchi G, Pirani F, Maida N, Gottardi M, Pichini S, Busardò FP. A Comprehensive HPLC-MS-MS Screening Method for 77 New Psychoactive Substances, 24 Classic Drugs and 18 Related Metabolites in Blood, Urine and Oral Fluid. *J Anal Toxicol.* 2020 Dec 12;44(8):769-783. doi: 10.1093/jat/bkaa103. PMID: 32816015.
- 13) Palazzo C, Pelletti G, Fais P, Giorgetti A, Boscolo-Berto R, Gaudio RM, Pirani F, Tagliabracci A, Pelotti S. Application of aquatic decomposition scores for the determination of the Post Mortem Submersion Interval on human bodies recovered from the Northern Adriatic Sea. *Forensic Sci Int.* 2020 Nov 16;318:110599.
- 14) Mannocchi G, Pirani F, Gottardi M, Sirignano A, Busardò FP, Ricci G. Determination of nine new fentanyl analogues and metabolites in consumers' urine by ultra-high-performance liquid chromatography-tandem mass spectrometry. *Eur Rev Med Pharmacol Sci.* 2021 Jun;25(12):4394-4399. doi: 10.26355/eurrev_202106_26149. PMID: 34227074.

15) Giorgetti A, Oraziotti V, Busardò FP, Pirani F*, Giorgetti R. Died with or Died of? Development and Testing of a SARS CoV-2 Significance Score to Assess the Role of COVID-19 in the Deaths of Affected Patients. *Diagnostics (Basel)*. 2021 Jan 28;11(2):190. doi: 10.3390/diagnostics11020190. PMID: 33525705; PMCID: PMC7912253.

16) Piva E, Giorgetti A, Ioime P, Morini L, Freni F, Faro FL, Pirani F, Montisci M, Fais P, Pascali JP. Hair determination of per- and polyfluoroalkyl substances (PFAS) in the Italian population. *Toxicology*. 2021 Jun 30;458:152849. doi: 10.1016/j.tox.2021.152849. Epub 2021 Jul 1. PMID: 34217792.

17) Lo Faro AF, Tini A, Gottardi M, Pirani F, Sirignano A, Giorgetti R, Busardò FP. Development and validation of a fast ultra-high-performance liquid chromatography tandem mass spectrometry method for determining carbonic anhydrase inhibitors and their metabolites in urine and hair. *Drug Test Anal*. 2021 Aug;13(8):1552-1560. doi: 10.1002/dta.3055. Epub 2021 Jul 16. PMID: 33908166; PMCID: PMC8456811.

18) Pirani F, Del Rio A. Substance abuse in times of COVID-19 pandemic: a "perfect storm" for substance use disorder and mental health? *Clin Ter*. 2021 Nov 22;172(6):525-526. doi: 10.7417/CT.2021.2371. PMID: 34821345.

19) Lo Faro AF, Tini A, Bambagiotti G, Pirani F, Faragalli A, Carle F, Pacella E, Ceka A, Moretti M, Gottardi M, Lassandro NV, Nicolai M, Lupidi M, Mariotti C, Busardò FP, Carlier J. Quantification of Carbonic Anhydrase Inhibitors and Metabolites in Urine and Hair of Patients and Their Relatives. *Biology* 2022, 11, 1379. <https://doi.org/10.3390/biology11101379>.

20) Giorgetti A, Amurri S, Fazio G, Bini C, Anniballi L, Pirani F, Pelletti G, Pelotti S. The Evaluation of CYP2D6, CYP2C9, CYP2C19, and CYP2B6 Phenoconversion in Post-Mortem Casework: The Challenge of Forensic Toxicogenetics. *Metabolites*. 2023;13(5):661. <https://doi.org/10.3390/metabo13050661>

21) Malaca S, Pesaresi M, Kapoor A, Berretta P, Busardò FP, Pirani F. Pharmacology and toxicology of xylazine: quid novum? *Eur Rev Med Pharmacol Sci*. 2023 Aug;27(15):7337-7345. doi: 10.26355/eurrev_202308_33305. PMID: 37606142.

22) Irmici M, D'Aleo M, Pelletti G, Pirani F, Giorgetti A, Fais P, Pelotti S. Homicide or suicide? A probabilistic approach for the evaluation of the manner of death in sharp force fatalities. *J Forensic Sci*. 2023 Oct 25.

23) Pirani F*, Chiappini S, Schifano F, Giorgetti A. Editorial: Misuse and abuse of prescription drugs in custodial settings. *Front Psychiatry*. 2023 Nov 30;14:1339542. doi: 10.3389/fpsyg.2023.1339542. PMID: 38098627; PMCID: PMC10720882.

24) Pelletti G, Fiorentini C, Pirani F, Fais P, Pelotti S. Fatal coronary perforation during percutaneous coronary intervention: The medico-legal interest in establishing the correlation between in vivo imaging and post-mortem histopathology. *Forensic Sci Med Pathol.* 2023 Dec 10. doi: 10.1007/s12024-023-00758-4. Epub ahead of print. PMID: 38071677.

25) Pirani F, Bonasoni MP, Cornacchia A, Lacchè E, Giorgetti A, Pelotti S, Pelletti G. Reliability in distinguishing murder from accidental event with current forensic criteria in traumatic head injury. *Leg Med (Tokyo).* 2024 Mar 12;68:102436. doi: 10.1016/j.legalmed.2024.102436. Epub ahead of print. PMID: 38492322.

26) Bonasoni MP, Pirani F, Grimaldi F, Fais P, Giorgetti A, Pelotti S. Gastric ischemia as an under-reported cause of death in older people. *Forensic Sci Med Pathol.* 2024 May 28. doi: 10.1007/s12024-024-00840-5. Epub ahead of print. PMID: 38806808.

27) Pelletti G, Boscolo-Berto R, Anniballi L, Giorgetti A, Pirani F, Cavallaro M, Giorgini L, Fais P, Pascali JP, Pelotti S. Prevalence of alcohol-impaired driving: a systematic review with a gender-driven approach and meta-analysis of gender differences. *Int J Legal Med.* 2024 Jul 26. doi: 10.1007/s00414-024-03291-3. Epub ahead of print. PMID: 39060442.

28) Pascali JP, Giorgetti A, Mohamed S, Pozzebon M, Vanin S, Pirani F, Pelletti G, Fais P. Assessment of Per- and Polyfluoroalkyl Substances (PFAS) in Traditional, Organic and Protein Flours. *Exposure and Health.* 2024, 1-8. doi: 10.1007/s12403-024-00664-2

29) Mohamed S, Santelli S, Giorgetti A, Pelletti G, Pirani F, Fais P, Pascali JP. 2024. "The Application of Molecularly Imprinted Polymers in Forensic Toxicology: Issues and Perspectives" *Chemosensors* 12, no. 12: 279. <https://doi.org/10.3390/chemosensors12120279>

30) Giorgetti A, Santelli S, Filipuzzi I, Bonasoni MP, Basile G, Pirani F*, Pelotti S. Post-mortem diagnosis of septic arthritis by *Pasteurella multocida*: a case report and literature review of fatal septic arthritis. *Forensic Sci Med Pathol.* 2025 Jan 11. doi: 10.1007/s12024-024-00929-x. Epub ahead of print. PMID: 39797963.

31) Giorgetti A, Mohamed S, Pirani F, Barone R, Grech M, Fais P, Pascali JP, Pelletti G. Prevalence of new psychoactive substances and drugs of abuse in the hair of individuals diagnosed with substance use disorder: Polydrug and emerging pattern of consumption. *J Forensic Sci.* 2025 Mar;70(2):639-648. doi: 10.1111/1556-4029.15683. Epub 2024 Dec 10. PMID: 39655618.

32) Pelletti G, Bianchini S, Mauro E, Pascali JP, Baldovini C, Damiani S, Pirani F, Pelotti S. The role of myocardial bridge of the left anterior descending artery in a sudden death of a ketamine and cannabis user. Addressing the uncertainties on the cause of death in a forensic pathologist's casework.

Leg Med (Tokyo). 2025 Mar; 73:102588. doi: 10.1016/j.legalmed.2025.102588. Epub 2025 Jan 16. PMID: 39827729.

33) Teti G, Pirani F, Gavelli S, Gualandi A, Mazzotti MC, Berti L, Falconi M, Pelotti S, Fais P. NF- κ B and SIRT1 evaluation to discriminate antemortem from postmortem wounds. Potential markers of skin wound vitality in forensic practice. Leg Med (Tokyo). 2025 May; 76:102635. doi.org/10.1016/j.legalmed.2025.102635.

34) Giorgetti A, Mohamed S, Rossi F, Santelli S, Pirani F, Pelletti G, Pascali JP, Pelotti S. Analysis of Δ 9-tetrahydrocannabinol (Δ 9-THC) and cannabidiol (CBD) on hair after single and repeated short *in vivo* passive exposures to low- and high- Δ 9-THC-cannabis. Forensic Sci Int. 2025 June; <https://doi.org/10.1016/j.forsciint.2025.112515>.

35) Secco L, Franchetti G, Viel G, Fais P, Pirani F, Bonvicini B, Michelin A, Visonà SD, Giraudo C, Cecchetto G. Ex-situ identification of vertebral artery injuries from stab wounds through contrast-enhanced fluoroscopy and micro-CT. Int J Legal Med. 2025 Oct 11. doi: 10.1007/s00414-025-03608-w. Epub ahead of print. PMID: 41074945.

36) Giovannini E, Rossi F, Lenzi J, Berretti E, Santelli S, Benkhaliqi A, Pirani F, Morini L, Pascali JP. Determination of hair cortisol by liquid chromatography coupled to mass spectrometry (LC-MS/MS) as biomarker of chronic stress and application to academic students. Clin Chim Acta. 2026 Jan 1;578:120577. doi: 10.1016/j.cca.2025.120577. Epub 2025 Aug 27. PMID: 40882887.

37) Santelli S, Marcello R, Pirani F, Giovannini E, Pelletti G, Cecchetto G, Pelotti S, Fais P. Post-mortem ultrasound study of coronary circulation on ex-situ hearts. Int J Legal Med (2025). <https://doi.org/10.1007/s00414-025-03683-z>

38) Amurri, S., Fazio, G., Pirani, F. et al. DNA recovery and STR profiling from heated tobacco sticks for forensic personal identification. Forensic Sci Med Pathol (2026). <https://doi.org/10.1007/s12024-025-01151-z>

SCIENTIFIC JOURNALS

- Associate and Review Editor for the scientific journal "Frontiers in Psychiatry" section "Addictive Disorders"
- Reviewer for the scientific journal "Forensic Science, Medicine and Pathology"
- Reviewer for the scientific journal "Journal of Pharmaceutical and Biomedical Analysis"

TEACHINGS

- A.Y. 2021/22 - current. Forensic Medicine II "Traumatology," School of Specialization in Forensic Medicine, Alma Mater Studiorum University of Bologna (8 hours of frontal teaching per academic year);
- A.A. 2022/23 - current. Forensic Medicine, component of the integrated course "Public Health Sciences" Bachelor of Science in Nursing qualifying for the health profession of nursing, Alma Mater Studiorum University of Bologna, Rimini

Campus (12 hours of frontal teaching per academic year);

- A.A. 2023/24 - current. Forensic Medicine, component of the integrated course "Medical and Surgical Sciences II" Degree Course in Speech Therapy qualifying to the health profession of speech therapist, Alma Mater Studiorum University of Bologna, Ravenna Campus (12 hours of frontal teaching per academic year);
- A.A. 2023/24 - current. Forensic Medicine, School of Specialization in Clinical Psychology, Alma Mater Studiorum University of Bologna (15 hours of frontal teaching per academic year);
- A.A. 2024/25 - current. Forensic Medicine, component of the integrated course "Public Health Sciences" Bachelor of Science in Nursing qualifying for the health profession of nursing, Alma Mater Studiorum University of Bologna, Faenza Campus (12 hours of frontal teaching per academic year).

PARTICIPATION
AT CONFERENCES AND
CONVENTIONS AS A
SPEAKER OR PRESENTER

- **Author of Poster** "Elderly drivers convicted of driving under influence of alcohol: a limited subgroup but at great risk" presented at the 56th Congress of The International Association of Forensic Toxicologists (TIAFT) in Ghent in August 2018
- **Author of the Poster** "Possible markers of early diagnosis of Diffuse Alveolar Damage in Forensic Pathology" presented at the 43rd National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) in Verona in September 2018, receiving special mention
- **Member of the Organizing Committee** of the national congress "The Pathways of Forensic Toxicology for the Protection of the Community" in Ancona on May 17, 2019
- **Oral presentation** "THC and CBD time courses in serum of light cannabis smokers: how to discriminate light cannabis use from that of illegal and medical use" in the session "Human Behaviour Toxicology" at the 57th congress of The International Association of Forensic Toxicologists (TIAFT) in Birmingham in September 2019
- **Oral presentation** "Deaths with or deaths by COVID19 elaboration and application of a significance score" at the 44th National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) online event in June 2021, winner of the "Antonio Osculati" Award
- **Author of the poster** "Suicide by multiple gunshot injuries to the head. A case report" presented at the 44th National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) online event in June 2021
- **Author of the poster** "Secure the elastic band and breath normally. An atypical suicide" presented at the 44th National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) online event in June 2021
- **Author of the poster** "Compensation and Decompensation" presented at the Marchigiana Association of Forensic Medicine national conference "Follow the money" in Corinaldo (AN) in September 2021
- **Oral presentation** "Who is afraid of The Big Bad Pharma? Relationship between

COVID vaccines and deaths" at the 45th National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) in Bari, Italy in May 2022

- **Member of the National Scientific Committee** and **reviewer of the abstracts** of the international congress "60th Annual Meeting of the International association of Forensic Toxicologists (TIAFT)" in Rome from August 27-31, 2023
- **Author of the posters** "A suspected traumatic injury: murder or accidental event?" and "A multidisciplinary approach for evaluating an atypical concealment. A case report" at the "28th International Meeting Alpe-Adria-Pannonia" in Udine, Italy, September 7-9, 2023
- **Author of the posters** "The Role of Forensic Medicine in Homicide-Suicide Cases in Fragile Situations" and "Morphological Analysis of *Canis lupus familiaris* Bites: an Experimental Model for Forensic Application" at the "III SIMLA Affiliated Scientific Groups and Societies Conference" in Santa Margherita di Pula (CA) Sept. 28-30, 2023.
- **Poster presentation** "In a Country with a Growing Number of Older People: The Problem of Violent Deaths in Institutional Settings"; **author of the oral presentation** "Analysis of Catecholamine and Cortisol for the Evaluation of the Fetal Distress in Third Trimester Stillbirths" and **author of the oral presentation** "Analysis of Placenta and Blood to Evaluate the Maternal-Fetal Transmission of Per and Polyfluoroalkyl Substances (PFAS)" at the "26th Triennial Meeting of the International Academy of Legal Medicine (IALM 2024)" in Athens, Greece, May 21-23, 2024
- **Author of the poster** "Cerebral gliosis in a case of SIDS: on the causal role of substances of abuse in pregnancy and lactation" at the 46th National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) in Catania, Italy in June 2024
- **Member of the Scientific Committee** and **Moderator** of the National Congress "The Multidisciplinary Assessment of Automotive Road Accidents. Forensic reconstruction techniques, preventive strategies, social security and insurance implications" in Bologna June 22, 2024.
- **Member of the the Organizing Committee** and **Moderator** of the National Congress "Learn and Share" in Bologna, Italy, September 18-21, 2024.
- **Oral presentation** "Violent deaths of older adults in healthcare settings" at the International Congress "Violence and its victims" in Naples, Italy, September 25-28 2024.

PRIZES AND AWARDS

- **Special Mention** Poster "Possible Markers of Early Diagnosis of Diffuse Alveolar Damage in Forensic Pathology" presented at the 43rd National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA) in Verona in September 2018, receiving special mention
- **"Antonio Osculati" Award** for the oral presentation of the paper "Deaths with or deaths by COVID19 elaboration and application of a significance score" at

the 44th National Congress of the Italian Society of Legal Medicine and Insurance (SIMLA), online event, in June 2021"

- "**Gerin 2024**" Award for the presentation of the research study "Decoding TRALI: the importance of post-mortem analysis in diagnosis" at the National Congress "Il Sapere della medicina Legale che unisce", Rome 24-25 october 2024.

RESEARCH PROJECTS

- Participation in scientific and research activities in the project funded by the National Recovery and Resilience Plan (NRP): "A multiscale integrated approach to the study of the nervous system in health and disease" (MNESYS) at Alma Mater Studiorum University of Bologna from February 2023 to now;
- Participation in scientific and research activities in the departmental project "Identification of New Urinary Biomarkers of Doping Substance Consumption," at the Department of Biomedical Sciences and Public Health, Marche Polytechnic University;
- Participation in scientific and research activities in the project "Prevention, early diagnosis and targeted treatment of Fetal Alcohol Spectrum Disorder (FASD) and Fetal Alcohol Syndrome (FAS)."

PARTICIPATION IN THESES OF DEGREE IN QUALITY OF CORRELATOR

- A.A. 2020/2021 "The development of a questionnaire to investigate elderly people's knowledge, opinions, attitudes and interest on advance and shared care planning." Bachelor of Science in Nursing and Midwifery – Università Politecnica delle Marche;
- A.Y. 2020/2021 "Cause of death: COVID-19. Development and application of an evaluative algorithm (COVID-19 significance score)." Degree Course in Medicine and Surgery – Università Politecnica delle Marche;
- A.A. 2023/2024 "The role of Forensic Medicine in homicide-suicide cases in the frail elderly population". Degree Course in Medicine - Alma Mater Studiorum, University of Bologna.
- A.Y. 2024/2025 "The prison work environment and its impact on nurses' psychological well-being: a narrative review of the literature." Bachelor's Thesis in Nursing, Rimini Campus – University of Bologna.

PARTICIPATION IN THESES OF DEGREE IN QUALITY OF RELATOR

- A.Y. 2024/2025 "Mortality due to violent causes in the elderly population in care facilities: analysis of a medico-legal case series." Master's Degree Programme in Medicine and Surgery, University of Bologna.
- A.Y. 2024/2025 "Analysis of a case series of crime-scene investigations by the Legal Medicine Unit of Bologna, from the first intervention to the judicial autopsy. Reflections on Safety and Public Health." Master's Degree Programme in Medicine and Surgery, University of Bologna.
- A.Y. 2024/2025 "Deaths due to violent causes in the elderly population in healthcare, social-healthcare and social-care facilities: analysis of a medico-legal case series." Residency Thesis in Legal Medicine, University of Bologna.

- A.Y. 2024/2025 "The role of forensic medicine in homicide-suicide in vulnerable conditions: a case series study." Residency Thesis in Legal Medicine, University of Bologna.
- A.Y. 2024/2025 "Medico-legal aspects of intentional homicide related to nursing care: a literature review." Bachelor's Thesis in Nursing, Faenza Campus - University of Bologna.
- A.Y. 2024/2025 "The role of the nurse in the hospital setting in identifying and managing sexual violence." Bachelor's Thesis in Nursing, Faenza Campus - University of Bologna.

Bologna, 27th January, 2026

A handwritten signature in black ink, appearing to read "Philipp Fries".