



**Personal
information**

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Nationality Italian
Date of birth **/**/1983

**Occupational
field** Occupational Medicine, Safety and Health

**Work
experience**

2024 - to date Professor of Occupational Medicine – University of Modena and Reggio Emilia (UNIMORE)
2021- 2024 Occupational Physician, Tenure-track Researcher in Occupational Medicine at the Department of Biomedical, Metabolic and Neural Sciences (DBMN) of the University of Modena and Reggio Emilia (UniMoRe)
2017 - 2021 Occupational Physician, Postdoctoral researcher in Occupational Medicine at DBMN UniMoRe
2014 - 2017 Occupational Physician, PhD student of the course "Clinical and Experimental Medicine" (XXIX cycle) at DBMN UniMoRe
2009 - 2014 Resident Physician at the School of Occupational Medicine of UniMoRe.

**Main
Scientific
Activities**

2008 - to date Active research in collaboration with the Chair of Occupational Medicine of the University of Modena & Reggio Emilia. Main fields of research: evaluation of risks related to occupational exposure to ionizing and non-ionizing radiations, occupational epidemiology, methodological aspects for the conduction of systematic reviews in OSH, prevention of work-related musculoskeletal disorders and job stress, assessment of occupational exposure to chemical agents, study of the infectious risk of healthcare operators with particular regard to Sars-CoV-2.
2016 - to date International scientific activities for the prevention of the occupational and environmental risks related to non-ionizing radiation exposure. Main collaborations: World Health Organization (Technical Advisor and International Advisory Committee member), ICOH, ICNIRP, BioEM, ICEMB, Collegium Ramazzini, Aarhus University, Osnabrueck University, Institute for Occupational Safety and Health of the German Social Accident Insurance, INAIL (Italy), NOVA University of Lisbon, ISGlobal Barcelona, Mohammed Bin Rashid University of Medicine and Health Sciences (Dubai), Italian National Institute of Health (ISS) and National Council of Research (CNR)
2020 – 2025 Collaboration with the University of Verona in the H2020 funded project "ORCHESTRA" (GA n. 101016167)
2017 – 2022 Participation in the World Health Organization (WHO) and International Labour Office (ILO) systematic reviews' working group to serve a new methodology for estimating the work-related burden of disease and injury
2018 – 2022 Participation in the European COST Action CA16216 "OMEGA-NET" for the Coordination and Harmonization of European Occupational Cohorts
2014 – 2018 Participation in the European Research Project LIFE12 ENV/IT/001058 "WeeenModels", for evaluating the occupational risk of workers exposed to chemicals in recycling WEEEs
2014 – 2018 Participation in the European COST Action TD1206 "StanDerm" for the prevention of occupational skin diseases

**Education
and training**

February 2023 National scientific qualification for the role of Full Professor in Occupational Medicine from the Italian Ministry of Education, University and Research.
January 2020 National scientific qualification for the role of Associate Professor in Occupational Medicine from the Italian Ministry of Education, University and Research.
March 2017 PhD in "Clinical and Experimental Medicine" (XXIX cycle) - University of Modena and Reggio Emilia
May 2016 Authorized physician for performing the Medical Surveillance of Workers exposed to Ionizing Radiation, after passing a national exam at the Ministry of Labour and Social Policy in Rome (Italy)
June 2014 Post graduate degree at the 5 years Specialization School of Occupational Medicine of the University of Modena and Reggio Emilia, *Magna Cum Laude*, acquiring the title of Occupational Physician

July 2008 Medical degree at the University of Bologna, *Magna Cum Laude*
 July 2002 High School Diploma "Liceo Scientifico Galilei" of Ostiglia (MN)

International Courses and Conferences

- 6/2/2022-10/2/2022, 33rd International Congress on Occupational Health (ICOH World Congress 2022), blended event Melbourne/Rome/online, oral communications & organization of sessions of the Scientific Committee "Radiation and Work"
- 28/4/2021-17/6/2021: "Advanced course in clinical research: guidelines for clinical practice according to the GRADE methodology", University of Milan, Director Prof. Lorenzo Moja
- 23/2/2021-27/3/2021, 28th Intensive Course in Applied Epidemiology, chaired by Professor Gary J. Macfarlane, University of Aberdeen, King's College Aberdeen (UK)
- 10th - 15th June 2019, 24th World Congress of Dermatology, Milan (Italy) – invited speaker for a lecture entitled "Epidemiology and prevention of occupational non-melanoma skin cancer" on the 12th June
- 22nd November 2018, V. Occupational safety & health physical factors symposium. Occupational hygiene practices", Ankara (Turkey), invited speaker "Occupational hygiene practices and standards in physical factors: Non-Ionizing Radiation"
- 11th-15th June 2018 Training School "Modern Methods in Occupational Epidemiology", organized by the European Educational Program in Epidemiology (EEPE), Florence (Italy). Course coordinators: Neil Pearce, The London School of Hygiene & Tropical Medicine; Michelle Turner, Barcelona Institute for Global Health (ISGlobal)
- 29th April – 4th May 2018, 32nd World Congress of the International Commission on Occupational Health (ICOH), Dublin, Republic of Ireland (oral communications)
- 5th-7th September 2016: 3rd COST StanDerm International Training School on "Occupational Skin Cancers (OSCs)", Hospital "Policlinico", Modena, Italy, Chairs Prof. F. Gobba and Prof. G. Pellacani
- March 2016: Scientific Mission (COST TD1206 grant) at the Coronal Institute of Occupational Health in Amsterdam (NL) to study work-related dermatitis and other occupational skin diseases, supervisor Prof. Sanja Kezic
- 31st May 2015 - 5th June 2015, ICOH 2015, 31st International Congress on Occupational Health Seoul, South Korea (oral communications)
- 24th – 25th April 2014 5th International Conference on Electromagnetic Fields, Health and Environment", Porto (oral talk)
- 9th -13th March 2014: "Occupational and Environmental Diseases of the Lung", c/o Sangallo Palace Hotel Perugia (ITALY), organized by the University of Perugia and the University of Gotheburg (Sweden)
- 13th – 15th November 2013 "Lighting, visual ergonomics, and musculoskeletal implications" c/o Balingsholms Conference Centre, Huddinge (Stockholm area, Sweden), organized by the Nordic Institute for Advanced Training in Occupational Health.
- 25th November – 1st December 2012 VI International Course of the Bioelectromagnetism School "A. Chiabrera": "Static and Low frequency Magnetic Fields: Physical Concepts, Biological Effects, Mechanisms and Limit Setting", Erice (TP) ITALY. Directors Prof. Juuka Juutilainen and Frank Prato, organized by EBIA International School of Bioelectromagnetics.
- 14th September 2012, Workshop "Bridging the gap between research and policy: Systematic Reviews to Inform Policy and Practice" directed by Prof. Jos Verbeek and organized by PEROSH clearinghouse group, Bologna (ITALY)

Languages

Mother tongue(s) Italian

Other language(s)

Self-assessment

European level (*)

English

French

Spanish

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B2	B2	C1
A2	A2	A1	A1	A2
A2	A2	A1	A1	A2

(*) Common European Framework of Reference for Languages

EDITORIAL ACTIVITIES	- 1/1/2021 to date: Guest Associate Editor in "Occupational Health and Safety" and Review Editor in "Occupational Health and Safety" for the open access journal "Frontiers in Public Health" (ed. Frontiers) eISSN 2296-2565, IF 6.461 - 1/6/2020 to date: Editorial Board Member, Section Board Member and Guest Editor of Special Issues for the open-access journal "Healthcare" (ed. MDPI), eISSN 2227-9032, IF 3.160, - 1/8/2019 to date: Reviewer Board member and Assistant Guest Editor for the open-access journal "International Journal of Environmental Research and Public Health" (ed. MDPI), eISSN 1660-4601, IF 4.614
MEMBERSHIPS	- 2011 – to date: Member of the International Commission on Occupational Health, Secretary (since 2018) of its Scientific Committee "Radiation and Work", Chair of the same SC since 2024. - 2010 - to date: Member of Italian National Society of Occupational Medicine (SIMLI) and Board member (since 2015) of its regional "Emilia Romagna" section - 2014 - to date: Member of the Italian Association of Medical Radioprotection (AIRM) and national Board member since 2021 - 2023 – to date UNIMORE Representative in the Italian Interuniversity Center on Interactions between Electromagnetic Fields and Biosystems (ICEmB)
PUBLICATIONS AND METRICS	- 2024 – to date Member of one of the International Scientific Associations on Bioelectromagnetism named "BioEM". Awarded with the 2024 Young Scientist Award in Bioelectromagnetics. - 2024 – to date Elected Fellow of the Collegium ramazzini - 2024 – to date Appointed as Commissioner of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) - Author of >170 publications: https://orcid.org/0000-0002-0850-5615. - H index: 24, 85 documents indexed in SCOPUS and WoS databases, with >1000 citations (NB: criteria applicable for the qualification to the role of Full Professor and of Academic scientific Commissioner in Occupational Medicine, Italian Scientific Sector MEDS-25/B) - Selection of ten among most recent publications in international peer-reviewed journals: 1. Paulo MS, Symanzik C, Maia MR, Lapão LV, Carvalho F, Conneman S, Dias JB, Gobba F, John SM, Loney T, Pinho C, Rodrigues A, Strehl C, Tenkate T, Wittlich M, Modenese A. Digitally measuring solar ultraviolet radiation in outdoor workers: A study protocol for establishing the use of electronic personal dosimeters in Portugal. <i>Front Public Health</i>. 2023 Mar 31;11:1140903. doi: 10.3389/fpubh.2023.1140903. eCollection 2023. 2. Paulo MS, Symanzik C, Adam B, Gobba F, Kezic S, van der Molen HF, Peters CE, Rocholl M, Tenkate T, John SM, Loney T, Modenese A, Wittlich M. Risk of cutaneous squamous cell carcinoma due to occupational exposure to solar ultraviolet radiation: Protocol for a systematic review and meta-analysis. <i>PLoS One</i>. 2023 Mar 3;18(3):e0282664. doi: 10.1371/journal.pone.0282664. eCollection 2023. 3. Modenese A, Chou BR, Adam B, Loney T, Silva Paulo M, Tenkate T, Gobba F. Occupational Exposure to Solar Radiation and the Eye: A Call to Implement Health Surveillance of Outdoor Workers. <i>Med Lav</i>. 2023 Aug 2;114(4):e2023032. doi: 10.23749/mdl.v114i4.14657. 4. Adam B, Modenese A, Loney T. Editorial: Occupation and cancer: new insights into burden, risk factors, and prevention. <i>Front Public Health</i>. 2024 Jan 4;11:1343952. doi: 10.3389/fpubh.2023.1343952. 5. Spiteri G, D'Agostini M, Abedini M, Ditano G, Collatuzzo G, Boffetta P, Vimercati L, Sansone E, De Palma G, Modenese A, et al. Protective role of SARS-CoV-2 anti-S IgG against breakthrough infections among European healthcare workers during pre and post-Omicron surge-ORCHESTRA project. <i>Infection</i>. 2024 Aug;52(4):1347-1356. doi: 10.1007/s15010-024-02189-x. 6. Würtz ET, Pughdahl K, Fenger-Grøn M, Berglind IA, Cherrie MPC, Dahlman-Höglund A, Grandahl K, Macan J, Modenese A, et al. A quantitative solar ultraviolet radiation job-exposure matrix for Europe. <i>Ann Work Expo Health</i>. 2025 Apr 24;69(4):415-428. doi: 10.1093/annweh/wxaf011. 7. Gasparini R, Gobba F, Bogi A, Calcagnini G, Censi F, Falsaperla R, Mattei E, Vivarelli C, D'Agostino S, Modenese A. Results of a national survey among occupational physicians to estimate the number of workers with active medical devices and their types in the context of managing electromagnetic hazards. <i>Front Public Health</i>. 2025 Jul 28;13:1599754. doi: 10.3389/fpubh.2025.1599754. 8. Carvalho F, Strehl C, Barroso-Dias J, Castela MM, Gobba F, Lapão LV, Loney T, Maia MR, Modenese A, John SM, Rodrigues A, Pinho C, Bieck C, Tenkate T, Westerhausen S, Wittlich M, Paulo MS. Occupational exposure to solar ultraviolet radiation among outdoor workers in Lisbon, 2023-first results of the MEAOW study. <i>Front Public Health</i>. 2025 Oct 27;13:1659663. doi: 10.3389/fpubh.2025.1659663. 9. Spiteri, G.; Torroni, L.; Contri, A.; Carta, A.; Liviero, F.; Volpin, A.; Scapellato, M.L.; Cegolon, L.; Rui, F.; Mauro, M.; et al. Impact of Occupational and Extra-Professional Exposure Across the Different Waves of the Pandemic on the Risk of SARS-CoV-2 Infection Among Healthcare Workers—The ORCHESTRA Project. <i>Healthcare</i> 2026, 14, 1872. https://doi.org/10.3390/healthcare14131872 10. Ferri P, Contri A, Casolari L, Modenese A, Rovesti S, Righi E, Rampino L, Cannizzaro D, Bargellini A. Work Ability and Associated Factors Among Nurses in a Teaching Hospital: A Cross-Sectional Study. <i>Med Lav</i>. 2026 Jun 24;117(3):18637. doi: 10.23749/mdl.2026.18637.

Modena (Italy), date: 6/7/2026

Signature: 