Curriculum Vitae

Leonardo Maria Siena

Personal informartion Leonardo Maria Siena

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Spoken languages: Italian, English

Education and training

PhD	01/11/2024	–	Ongoing	PhD in "Advances in Infectious Diseases, Microbiology, Legal Medicine and Public Health Sciences" (40th Cycle), Sapienza University of Rome, Rome, Italy Research activities on health co-benefits of climate change mitigation at the U.O.C. Environmental and Occupational Epidemiology and Cancer Registry - Department of Epidemiology, Lazio Regional Health Service - ASL Roma 1
Training Course	16/07/2025	–	18/07/2025	General Concepts of Burden Disease Summer School, European Burden of Disease Network
Training Course	16/06/2025	–	04/07/2025	37th Residential Summer Course in Epidemiology, European Educational Programme in Epidemiology
Training Course	13/02/2025	–	18/02/2025	Survival analysis in STATA, TStat S.r.l. - Stata Official Trainer in Europe
Training Course	05/12/2024	–	06/12/2024	Meta-analysis in STATA, TStat S.r.l. - Stata Official Trainer in Europe
Post-Graduate Course	01/03/2023	–	01/06/2023	Course MED 206: Meta-research Appraising Research Findings, Bias, and Meta-analysis (uditor), Stanford University, California, US
Post-Graduate Course	01/03/2023	–	01/06/2023	Course EPI 273: Essentials of Clinical Research (uditor), Stanford University, California, US
Post-Graduate Course	01/03/2023	–	01/06/2023	Course EPI 251: Design and Conduct of Clinical Trials (uditor), Stanford University, California, US
Training Course	25/03/2022	–	01/04/2022	Migrant Health: an equity challenge for the public health system, International School of Epidemiology and Preventive Medicine "G. D'Alessandro"
Professional Healthcare			11/11/2020	Pre-Hospital Trauma Care (PTC)), Centro di Formazione - Associazione di promozione sociale "Salute e Solidarietà"

Certification		
Professional Healthcare Certification	23/10/2020	Advanced Cardiovascular Life Support (ACLS), American Heart Association
Professional Healthcare Certification	17/10/2020	Basic Life Support - Defibrillation & Pediatric Basic Life Support (BLSD), Centro di Formazione - Associazione di promozione sociale "Salute e Solidarietà"
University Graduation	14/07/2020	Degree in Medicine and Surgery (110/110 with honors), Sapienza University of Rome, Thesis: “Antalgic efficacy of low-dose transdermal buprenorphine in the elderly osteoarthritic patient”
High School Diploma	01/07/2014	High School Diploma (Scientific Studies), Istituto Omnicomprensivo "Fabio Besta" Orte (VT)
Certificate of Foreign Language	05/06/2013	First Certificate in English B2, University of Cambridge ESOL Examinations
Certificate of Digital Literacy	31/10/2012	ECDL European Computer Driving Licence, AICA Associazione Italiana per l'Informatica

Appointments and professional experience

15/07/2026 – Ongoing		Tenure-Track Assistant Professor, Disciplinary Field MEDS-24/B – General and Applied Hygiene, Saint Camillus International University of Health Sciences
01/03/2025 – 30/11/2025		Contract Collaboration: "Research, evidence synthesis and critical appraisal, including report writing in the field of Public Health Genomics", Department of Public Health and Infectious Diseases, Sapienza University of Rome
01/09/2024 – 01/05/2026		Research Activity at INMP - National Institute for Health, Migration and Poverty
26/01/2021 – 04/02/2025		Medical Recidency in Hygiene, Preventive Medicine and Public Health, Department of Public Health and Infectious Diseases, Sapienza University of Rome • Research activities at the Hygiene section of the Department of Public Health and Infectious Diseases, Sapienza University of Rome • Clinical activities at the Hospital Hygiene Unit of Policlinico Umberto I Teaching Hospital in Rome
01/10/2023 – 01/04/2024		• Research Activity at National Institute of Health ISS – Istituto Superiore di Sanità Secondment at the National Center for Drug Research and Evaluation, Pharmacoepidemiology and Pharmacosurveillance Unit
01/10/2023 – 01/04/2024		• Research Activity at Fondazione GIMEMA - Franco Mandelli Onlus Secondment at GIMEMA foundation, an independent, non-profit organization that coordinates and conducts national and international clinical and translational research to improve standards of care for patients with hematologic diseases

01/11/2022 – 01/06/2023	• Visiting Postdoctoral Scholar, Stanford University – California, US Secondment at Meta-Research Innovation Center at Stanford (METRICS) through "The European network staff eXchange for integrAting precision health in the health Care sysTems" (ExACT), a Marie SkłodowskaCurie Research and Innovation Staff Exchange (RISE) project. Metascience and clinical research were the main research topics
02/11/2020 – 01/04/2022	Physician at the Department of Preventive Medicine and Public Health, ASL Viterbo COVID 19 positive case tracing activities: disposition of isolations and quarantines, cluster reconstruction, and contact tracing. Employed in vaccination campaign and monoclonal antibody administration
10/10/2020 – 15/01/2021	Physician at Hospice Casa Di Cura Salus Viterbo Casa Di Cura Salus Viterbo, Hospice and palliative care clinic with home-hospice service
03/08/2020	Professional license to practice and registration to the Register of Physicians, Surgeons and Dentists of Viterbo, No. 02786

Teaching experience

Acedemic year	Institution	Role
2025/2026	Catholic University of the Sacred Heart, Rome, Italy	Lecturer, Advanced Training Course “Climate Change, Air Pollution and Health from a Planetary Health Perspective”
2025/2026	Catholic University of the Sacred Heart, Rome, Italy	Lecturer, Advanced Training Course “Environment, Health and Climate in the Planetary Health Perspective: Use and Planning of Green and Blue Areas for Health Promotion and Prevention”
2025/2026	Sapienza University of Rome, Rome, Italy	Teaching assistant at "Medical Scientific Methods: Public Health X - General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery B" degree course (6th year)
2025/2026	Sapienza University of Rome, Rome, Italy	Teaching assistant at "Medical Scientific Methods: Public Health II - General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery A" degree course (6th year)
2024/2025	Link Campus University, Rome, Italy	Subject Expert at "Medical-Scientific Methodology and Translational Humanistic Disciplines" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery" degree course
2024/2025; 2025/2026	Sapienza University of Rome, Rome, Italy	Lecturer, Advanced Training Course in “Epidemiology and Biostatistics: Principles and Applications in Biomedical Research”, Department of Public Health and Infectious Diseases
2024/2025	Sapienza University of Rome, Rome, Italy	Teaching assistant at "Basic Medical Scientific Methods" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery G" degree course (1st year)
2024/2025	Sapienza University	Subject Expert at "Medical Scientific Methods: Public Health X"

Acedemic year	Institution	Role
	of Rome, Rome, Italy	(General and applied hygiene, MEDS-24/B), at "Medicine and Surgery F" degree course (6th year)
2024/2025	Sapienza University of Rome, Rome, Italy	Subject Expert at "Medical Scientific Methods: Public Health X - General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery E" degree course (6th year)
2024/2025	Sapienza University of Rome, Rome, Italy	Subject Expert at "Basic Medical Scientific Methods: General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery E" degree course (1st year)
2024/2025	Sapienza University of Rome, Rome, Italy	Subject Expert at "Basic Medical Scientific Methods: General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery E" degree course (1st year)
2024/2025	Sapienza University of Rome, Rome, Italy	Subject Expert at "Medical Scientific Methods: Public Health X - General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery B" degree course (6th year)
2024/2025	Sapienza University of Rome, Rome, Italy	Subject Expert at "Medical Scientific Methods: Public Health II - General and Applied Hygiene" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery A" degree course (6th year)
2022/2023; 2023/2024; 2024/2025; 2025/2026	Sapienza University of Rome, Rome, Italy	Teaching assistant for "Epidemiology" module (General and applied hygiene, MEDS-24/B) at "Evidence-based Nursing", at "Nursing Sciences B" degree course (1st year)
2023/2024	Sapienza University of Rome, Rome, Italy	Teaching assistant for "Hygiene" module (General and applied hygiene, MEDS-24/B) at "Health Promotion and Safety", at "Nursing Sciences H" degree course (1st year)
2023/2024; 2022/2023	Sapienza University of Rome, Rome, Italy	Teaching assistant at "Medical Scientific Methods: Public Health X" (General and applied hygiene, MEDS-24/B), at "Medicine and Surgery F" degree course (6th year)

Projects and funding information (grants as PI-Principal Investigator, I-Investigator, or SC-Scientific Coordinator)

Years	Title	Institution	Total grant value, role
2025 – 2026	Health Impacts of Air Pollution Reduction Scenarios in Rome: A Comparative Assessment	Sapienza Università di Roma, Progetti di Avvio alla Ricerca 2025	1.000 EUR, Principal Investigator
2024 – 2026	PROTECT ICU: Predictive Modeling, Microorganism Characterization, and Impact Evaluation for HAIs and AMR	Sapienza University of Rome, Medium Research Projects 2024	9.872 EUR, Investigator
2023 – 2026	PIANO NAZIONALE PER GLI INVESTIMENTI	Ministero della Salute -	2.100.000

Years	Title	Institution	Total grant value, role
	COMPLEMENTARI (PNC) - Cobenefici Di Salute Ed Equità A Supporto Dei Piani Di Risposta Ai Cambiamenti Climatici In Italia [Cobenefits Of Health And Equity In Support Of Climate Change Response Plans In Italy]	Direzione Generale Della Prevenzione Sanitaria [Ministry of Health - Directorate General of Health Prevention]	EUR, Investigator
2023 – 2025	Analisi sull'accessibilità dei servizi di cure primarie e dell'impatto sugli accessi ad un Dipartimento di Emergenza Urgenza e Accettazione di I livello di un ospedale della Città Metropolitana di Roma [Analysis on the accessibility of primary care services and the impact on access to a Level I - Emergency Department of a hospital in the Metropolitan City of Rome]	Sapienza University of Rome, Medium Research Projects 2022	10.000 EUR, Investigator
2023 – 2025	TRACER-ICA: sviluppo di un approccio integrato evidence-based per monitorare, conoscere e prevenire le infezioni correlate all'assistenza in terapia intensiva neonatale [TRACER-ICA: development of an integrated evidence- based approach to monitor, study, and prevent healthcare-associated infections in the neonatal intensive care unit]	Sapienza University of Rome, Medium Research Projects 2022	10.000 EUR, Investigator
2022 – 2025	HEAL ITALIA – Health Extended ALliance for Innovative Therapies, Advanced Lab-research, and Integrated Approaches of Precision Medicine	European Union, Italian National Recovery and Resilience Plan (PNRR) – Projects 2022	114.700.000 EUR, Investigator
2022 – 2025	PREvenire, Sorvegliare e Ulteriormente MOnitorare le Infezioni Correlate all'Assistenza (PRE.S.U.MO-ICA) [Preventing, surveilling and further monitoring healthcare-associated infections]	Sapienza University of Rome, Medium Research Projects 2021	10.460 EUR, Investigator
2021 – 2023	La cultura delle vaccinazioni come salvaguardia della salute pubblica ed individuale: pianificazione, realizzazione e valutazione di un intervento formativo negli studenti universitari di Sapienza ed elaborazione di strategie per la promozione dell'adesione vaccinale [Immunization culture as a tool to safeguard public and individual health: planning, implementation and evaluation of an educational intervention at Sapienza University students and development of strategies to promote vaccination adherence]	Sapienza University of Rome, Medium Research Projects 2021	10.000 EUR, Investigator
2021 – 2023	Strategia genomica italiana: istituzione di una cabina di regia a supporto dell'iniziativa europea 1+Million Genomes (1+MG) e Beyond 1+MG	Ministry of Health, CCM Project 2021 - Central Actions	800.000 EUR, Investigator

Years	Title	Institution	Total grant value, role
	(B1MG) e del coordinamento interistituzionale per la genomica in sanità pubblica [Italian Genomics Strategy: establishment of a steering committee to support the European 1+Million Genomes (1+MG) and Beyond 1+MG (B1MG) initiative and interinstitutional coordination for genomics in public health]		
2019 – 2023	Definizioni e promozione di programmi per l'implementazione delle azioni centrali di supporto al "Piano --per l'innovazione del sistema sanitario basata sulle scienze omiche" [Definitions and promotion of programs for the implementation of central actions to support the "Plan--for health system innovation based on omics sciences"]	Ministry of Health, CCM Project 2019 - Central Actions	120.000 EUR, Investigator
2019 – 2023	European network staff eXchange for integrAting precision health in the health Care sysTems (EXACT)	European Commission, Horizon 2020 - Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE 2018)	1.090.200 EUR, Investigator

Society memberships

2024 – Ongoing Member of the Italian Association of Epidemiology (AIE)

2024 – Ongoing Member of the European Public Health Association (EUPHA)

2022 – Ongoing Member of the Italian Society of Hygiene, Preventive Medicine, and Public Health (SItI)

Publications

a1 De Blasiis MR, Sciurti A, Siena LM, La Grua M, Pari G, Sindaco G. Effectiveness of Radiofrequency Ablation (RFA) and Pulsed Radiofrequency (PRF) in Chronic Pelvic Pain (CPP): a systematic review Submitted for publication.

a2 Baccolini V, Sciurti A, Pitini E, Siena LM, Anniballo A, Kaminska AE, Pistollato A, Pausilli R, Tommasino C, Marzuillo C, De Vito C, La Torre G, Arca M, Migliara G, Villari P. From Fragmentation to Integration: A Systematic Review and Critical Appraisal of Genetic and Genomic Testing Assessment Frameworks and Alignment with the EUnetHTA's HTA Core Model. Submitted for publication.

a3 Siena LM, Migliara G, Sciurti A, Ceparano M, Reale C, Pistollato A, Capitani V, Kaminska AE, Tommasino C, Pausilli R, Bonanno G, Rossi S, Iera J, Marzuillo C, Villari P, Baccolini V. Trends, characteristics and transparency of clinical trials for the prevention of healthcare-associated infections in intensive care units: a registry-based analysis, 2000-2025 Submitted for publication.

a4 Siena LM, Sciurti A, Di Napoli A, Napoli C, De Vito C, Baccolini V, Petrelli A. Self-rated health and lifestyle behaviours differences in Second-Generation Migrants and Italians: an analysis of the Daily Life Aspects surveys in Italy, 2015-2022 Submitted for publication.

a5 Pausilli R, Tommasino C, Sciurti A, Kaminska AE, Siena LM, Isonne C, Anniballo A, Bonanno G,

Migliara G, Marzuillo C, Villari P, Baccolini V. Systematic review of the association between genetic/genomic literacy and testing decisions: Limited evidence and a need for standardized research Patient Education and Counseling. 2026 DOI: 10.1016/j.pec.2026.109601 [IF 3.1, JCR 2024]

a6 Baccolini V, Siena LM, Isonne C, Sciurti A, Marzuillo C, De Vito C, La Torre G, Arca M, Migliara G, Villari P. Fast Science, Slow Evaluation: What Makes Health Technology Assessment of Genetic and Genomic Technologies So Complicated? A Systematic Review of Methodological Challenges and Identified Suggestions Value in Health. 2026 DOI: 10.1016/j.jval.2026.03.004 [IF 6, JCR 2024]

a7 Riccio M, Rosso A, Siena LM, Baccolini V, Migliara G, Sciurti A, Isonne C, Iera J, Pierri F, Marzuillo C, De Vito C, La Torre G, Villari P. Measuring the health benefits of genome and exome sequencing: a systematic review of economic evaluations Frontiers in Public Health. 2026 DOI: 10.3389/fpubh.2025.1728978 [IF 3.4, JCR 2024]

a8 Sciurti A, Migliara G, Siena LM, Isonne C, De Blasiis MR, Sinopoli A, Iera J, Marzuillo C, De Vito C, Villari P, Baccolini V. Compact Large Language Models for title and abstract screening in systematic reviews: an assessment of feasibility, accuracy, and workload reduction. Research Synthesis Methods. 2025 DOI: 10.1017/rsm.2025.10044 [IF 6.1, JCR 2024]

a9 Sciurti A, Migliara G, Baccolini V, De Blasiis MR, Di Lorenzo G, Mussetto I, Anniballo A, Iera J, Isonne C, Kaminska AE, Pierri F, Pistollato A, Riccio M, Rosso A, Siena LM, Soccodato V, Marzuillo C, De Vito C, La Torre G, Villari P. Are we properly evaluating genetic and genomic testing? A systematic review of Health Technology Assessment reports. Journal of Translational Medicine. 2025 DOI: 10.1186/s12967-025-06703-z [IF 7.5, JCR 2024]

a10 Siena LM, Baccolini V, Riccio M, Rosso A, Migliara G, Sciurti A, Isonne C, Iera J, Pierri F, Marzuillo C, De Vito C, La Torre G, Villari P. Weighing the Evidence on Costs and Benefits of Polygenic Risk-based Approaches in Clinical Practice: A Systematic Review of Economic Evaluations. American Journal of Human Genetics. 2025 DOI: 10.1016/j.ajhg.2025.05.012 [IF 8.1, JCR 2024]

a11 Russo L, Siena LM, Farina S, Pastorino R, Boccia S, Ioannidis JPA. High-impact trials with genetic and -omics information focus on cancer mutations, are industry-funded, and less transparent Journal of Clinical Epidemiology. 2025 DOI: 10.1016/j.jclinepi.2025.111676 [IF 5.2, JCR 2024]

a12 Messina M, Piciocchi A, Siena LM, Soddu S, Buccisano F, Mecucci C, Martinelli G, Curti A, Cairoli R, Fazi P, Vignetti M, Voso MT, Venditti A, Candoni A. A GIMEMA Survey on therapeutic use and response rates of FLT3 inhibitors in Acute Myeloid Leukemia: Insights from Italian Real-World Practice eJHaem. 2024 DOI: 10.1002/jha2.1045 [IF 1.2, JCR 2024]

a13 Siena LM, Mussetto I, Renzi E, Baccolini V, Migliara G, Sciurti A, Covelli A, De Vito C, Marzuillo C, Villari P, Massimi A. Decline in academic performance and mental health during the COVID-19 pandemic: a cross-sectional survey among Sapienza University of Rome students. Frontiers in Public Health. 2024 DOI: 10.3389/fpubh.2024.1408191 [IF 3.4, JCR 2024]

a14 De Marchi C, Bellini A, Tosti ME, D'Angelo F, Declich S, Mazzalai E, Gatta A, Ferrari C, Scarso S, Marchetti G, Mondera F, Mancini G, Aloise I, Sabato M, Siena LM, Pizzarelli S, Giannini D, Jaljaa A, Turatto F, Marceca M. Access to COVID-19 information, diagnosis, and vaccination for migrants and ethnic minorities in the WHO European region: a systematic review Journal of Public Health. 2024 DOI: 10.1007/s10389-024-02325-9 [IF 3.1, JCR 2024]

a15 Renzi E, Baccolini V, Covelli A, Siena LM, Sciurti A, Migliara G, Massimi A, Marzuillo C, De Vito C, Casini L, Angeloni A, Turriziani O, Antonelli G, D'Alba F, Polimeni A, Collaborating Group, Villari P. Keeping university open did not increase the risk of SARS-CoV-2 acquisition: A test negative case-control study among students. PLoS One. 2024 DOI: 10.1371/journal.pone.0301215 [IF 2.6, JCR 2024]

a16 Sciurti A, Baccolini V, Renzi E, De Blasiis MR, Siena LM, Isonne C, Migliara G, Massimi A, De Vito C, Marzuillo C, Villari P. Attitudes of University Students towards Mandatory COVID-19 Vaccination Policies: A Cross-Sectional Survey in Rome, Italy. Vaccines. 2023 DOI: 10.1016/j.jhin.2023.11.002 [IF

5.2, JCR 2023]

a17 Sanna A, Pellegrino D, Messina E, Siena LM, Baccolini V, D'Antoni L, Landini N, Baiocchi P, Villari P, Catalano C, Panebianco V, Palange P. The role of pulmonary function testing and lung imaging in the long-term follow-up of patients with COVID-19 pneumonia Respiration. 2023 DOI: 10.1159/000529441 [IF 3.5, JCR 2023]

a18 Siena LM, Papamanolis L, Siebert MJ, Bellomo RK, Ioannidis JPA. Industry Involvement and Transparency in the Most Cited Clinical Trials, 2019-2022 JAMA Network Open. 2023 DOI: 10.1001/jamanetworkopen.2023.43425 [IF 10.5, JCR 2023]

a19 Siebert M, Siena LM, Ioannidis JPA. Twitter and Mastodon presence of highly-cited scientists Submitted for publication.

a20 Giorgi Rossi P, Barretta P, Affronti M, La Placa S, Petrona Baviera E, Aragona M, Mazzetti M, Baglio G, Eugeni E, Geraci S, Sparaco A, Immordino P, Russo ML, Giannini D, Turatto F, Gatta A, De Marchi C, Siena LM, Bellini A, Scarso S, Sabato M. The Erice 58 Charter on "The health of migrants. An equity challenge for the public health system" Annali di Igiene. 2023 DOI: 10.7416/ai.2023.2577 [IF 1.5, JCR 2023]

a21 Siena LM, Isonne C, Sciurti A, De Blasiis MR, Migliara G, Marzuillo C, De Vito C, Villari P, Baccolini V. The Association of Health Literacy with Intention to Vaccinate and Vaccination Status: A Systematic Review. Vaccines. 2022 DOI: 10.3390/vaccines10111832 [IF 7.8, JCR 2022]

a22 Baccolini V, Siena LM, Renzi E, Migliara G, Colaprico C, Romano A, Massimi A, Marzuillo C, De Vito C, Casini L, Antonelli G, Turriziani O, Angeloni A, D'Alba F, Villari P, Polimeni A. Prevalence of SARS-CoV-2 infection and associated risk factors: A testing program and nested case-control study conducted at Sapienza University of Rome between March and June 2021 Frontiers Public Health. 2022 DOI: 10.3389/fpubh.2022.1010130 [IF 5.2, JCR 2022]

a23 Ceparano M, Baccolini V, Migliara G, Isonne C, Renzi E, Tufi D, De Vito C, De Giusti M, Trancassini M, Alessandri F, Ceccarelli G, Pugliese F, Villari P, Angiulli M, Battellito S, Bellini A, Bongiovanni A, Caivano L, Castellani M, Coletti M, Cottarelli A, D'Agostino L, De Giorgi A, De Marchi C, Germani I, Giannini D, Mazzeo E, Orlandi S, Piattoli M, Ricci E, Siena LM, Territo A, Vrenna G, Zanni S, Marzuillo C. Acinetobacter baumannii Isolates from COVID-19 Patients in a Hospital Intensive Care Unit: Molecular Typing and Risk Factors Microorganisms. 2022 DOI: 10.3390/microorganisms10040722 [IF 4.5, JCR 2022]

a24 Isonne C, Baccolini V, Migliara G, Ceparano M, Alessandri F, Ceccarelli G, Tellan G, Pugliese F, De Giusti M, De Vito C, Marzuillo C, Villari P, Barone LC, Giannini D, Marotta D, Marte M, Mazzalai E, Germani I, Bellini A, Bongiovanni A, Castellani M, D'Agostino L, De Giorgi A, De Marchi C, Mazzeo E, Orlandi S, Piattoli M, Ricci E, Siena LM, Territo A, Zanni S. Comparing the Occurrence of Healthcare-Associated Infections in Patients with and without COVID-19 Hospitalized during the Pandemic: A 16-Month Retrospective Cohort Study in a Hospital Intensive Care Unit Journal of Clinical Medicine. 2022 DOI: 10.3390/jcm11051446 [IF 3.9, JCR 2022]

Abstracts

European Public Health Conference/ International Society for Environmental Epidemiology Conference

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b1.1 Siena L, de Donato F, Michelozzi P, Stafoggia M. Health Impacts of Air Pollution Reduction Scenarios in Rome: A Comparative Assessment 18th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2025

b1.2 Sciurti A, Migliara G, Baccolini V, Siena LM, Riccio M, Rosso A, Marzuillo C, De Vito C, La Torre G, Villari P. Are we properly evaluating genetic and genomic testing? A systematic review of HTA reports.

18th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2025

b1.3 Siena LM, Baccolini V, Riccio M, Rosso A, Migliara G, Sciurti A, Marzuillo C, De Vito C, La Torre G, Villari P. Introducing Polygenic Risk Scores In Clinical Practice: A Systematic Review of Economic Evaluations. 18th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2025

b1.4 Migliara G, Baccolini V, Sciurti A, Siena LM, Pitini E, Marzuillo C, De Vito C, La Torre G, Villari P. Evaluating Genetic Tests: A Systematic Review and Critical Appraisal of Assessment Frameworks. 18th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2025

b1.5 Rosso A, Riccio M, Siena LM, Baccolini V, Migliara G, Sciurti A, Marzuillo C, De Vito C, La Torre G, Villari P. Whole genome and exome sequencing in clinical practice: a systematic review of economic evaluations. 18th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2025

b1.6 Baccolini V, Isonne C, Siena LM, Sciurti A, Migliara G, Leone I, Marzuillo C, La Torre G, Villari P. What are the challenges in the Health Technology Assessment of genetic and genomic applications? 17th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2024

b1.7 Sciurti A, Migliara G, Isonne C, Siena LM, Marzuillo C, Villari P, Baccolini V. Leveraging ChatGPT for systematic reviews: how accurate is it for screening by title and abstract? 17th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2024

b1.8 De Marchi C, Bellini A, Gatta A, Tosti ME, D'Angelo F, Declich S, Mazzalai M, Scarso S, Marchetti G, Ferrari C, Mondera F, Mancini G, Aloise I, Sabato M, Siena LM, Giannini D, Jaljaa A, Turatto F, Marceca M. Access to COVID-19 prevention, diagnosis and care for migrants and ethnic minorities in the WHO European Region: a systematic review 16th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2023

b1.9 Siena LM, Isonne C, Sciurti A, De Blasiis MR, Migliara G, Marzuillo C, De Vito C, Villari P, Baccolini V. The role of health literacy in vaccination behaviours: a systematic review. 15th European Public Health Conference Abstract Supplement, European Journal of Public Health. 2022

Italian Society of Hygiene, Preventive Medicine, and Public Health Congress/ Italian Association of Epidemiology Congress

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b2.1 Siena LM, Sciurti A, Baccolini V, De Vito C, Napoli C, Di Napoli A, Petrelli A. La percezione della salute negli adolescenti italiani e immigrati di seconda generazione. Abstract Book - XLIX Congresso dell'Associazione Italiana di Epidemiologia (AIE). 2025

b2.2 Sciurti A, Siena LM, Baccolini V, De Vito C, Napoli C, Di Napoli A, Petrelli A. La salute percepita negli immigrati di seconda generazione e negli italiani. Abstract Book - XLIX Congresso dell'Associazione Italiana di Epidemiologia (AIE). 2025

b2.3 Baccolini V, Siena LM, Riccio M, Rosso A, Migliara G, Sciurti A, Marzuillo C, De Vito C, Villari P. Valutare le evidenze su costi e benefici dell'introduzione di approcci basati sul rischio poligenico nella pratica clinica: una revisione sistematica di valutazioni economiche. Abstract Book - XLIX Congresso dell'Associazione Italiana di Epidemiologia (AIE). 2025

b2.4 Sciurti A, Siena LM, Migliara G, Isonne C, De Blasiis MR, Sinopoli A, Iera J, Marzuillo C, De Vito C, Villari P, Baccolini V. Large Language Models per lo screening per titolo e abstract nelle revisioni sistematiche: una valutazione di fattibilità, accuratezza e riduzione del carico di lavoro. Abstract Book - XLIX Congresso dell'Associazione Italiana di Epidemiologia (AIE). 2025

b2.5 Siena LM, Riccio M, Rosso A, Baccolini V, Migliara G, Isonne C, Leone I, Marzuillo C, Villari P. Evaluation of Polygenic Risk Scores in clinical practice: a systematic review Atti - 58o Congresso

Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2025

b2.6 Siena LM, Migliara G, Sciurti A , Ceparano M, Reale C, Pistollato A, Capitani V, Kaminska AE, Tommasino C, Pausilli R, Bonanno G, Rossi S, Iera J, Marzuillo C, Villari P, Baccolini V . Produzione, caratteristiche e trasparenza dei trial sulla prevenzione delle infezioni correlate all'assistenza in Terapia Intensiva: una valutazione di metaricerca basata sui registri (2000-2025) Accepted for L Congresso dell'Associazione Italiana di Epidemiologia (AIE). 2025

b2.7 Siena LM, de'Donato F, Michelozzi P, Stafoggia M. Co-benefici di salute della mitigazione dei cambiamenti climatici: una valutazione di impatto di scenari di riduzione dell'inquinamento atmosferico a Roma Accepted for L Congresso dell'Associazione Italiana di Epidemiologia (AIE). 2025

b2.8 Baccolini V, Isonne C, Siena LM, Sciurti A, Migliara G, Leone I, Marzuillo C, La Torre G, Villari P. Le problematiche nella valutazione delle applicazioni genetiche e genomiche: una revisione sistematica. Atti - 57o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2024

b2.9 Sciurti A, Migliara G, Isonne C, Siena LM, Marzuillo C, Villari P, Baccolini V. ChatGPT per le revisioni sistematiche: quanto è accurato nello screening per titolo e abstract? Atti - 57o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2024

b2.10 Kaminska AE, Siena LM, Isonne C, Pistollato P, Reale C, Sciurti S, Migliara G, Massimi A, Renzi E, Marzuillo C, Villari P, Baccolini V. Conoscenze, attitudini e percezione della vaccinazione per l'HPV tra gli studenti del corso di infermieristica dell'Università "Sapienza": uno studio trasversale. Atti - 57o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2024

b2.11 Baccolini V, Siena LM, Renzi E, Migliara G, Colaprico C, Romano A, Massimi A, Marzuillo C, De Vito C, Casini L, Antonelli G, Turriziani O, Angeloni A, D'Alba F, Villari P, Polimeni A. Prevalence of SARS-CoV-2 infection and associated risk factors: A testing program and nested case-control study conducted at Sapienza University of Rome between March and June 2021 Atti - 56o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2023

b2.12 Sciurti A, Baccolini V, Renzi E, Migliara G, Siena LM, De Vito C, Marzuillo C, Villari P. Attitudes of university students towards mandatory COVID-19 vaccination: a cross-sectional survey. Atti - 55o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2022

b2.13 Siena LM, Renzi E, Baccolini V, Covelli A, Migliara G, Sciurti A, Marzuillo C, De Vito C, Villari P. Decline in academic performance during the COVID-19 pandemic: a cross-sectional survey among Sapienza university students. Atti - 55o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2022

b2.14 Siena LM, Isonne C, Sciurti A, De Blasiis MR, Migliara G, Sinopoli A, Marzuillo C, De Vito C, Villari P, Baccolini V. Associazione tra health literacy e comportamenti vaccinali: una revisione sistematica. Atti - 55o Congresso Nazionale della Società Italiana di Igiene e Medicina Preventiva, Journal of Preventive Medicine and Hygiene. 2022

Other conferences

b3.1 Siena LM, Migliara G, Sciurti A , Ceparano M, Reale C, Pistollato A, Capitani V, Kaminska AE, Tommasino C, Pausilli R, Bonanno G, Rossi S, Iera J, Marzuillo C, Villari P, Baccolini V. Trends, characteristics and transparency of clinical trials for the prevention of healthcare-associated infections in intensive care units: a registry-based analysis, 2000-2025 III Giornata della Ricerca – Link Campus

University. 2026

b3.2 Siena LM, Migliara G, Sciurti A , Ceparano M, Reale C, Pistollato A, Capitani V, Kaminska AE, Tommasino C, Pausilli R, Bonanno G, Rossi S, Iera J, Marzuillo C, Villari P, Baccolini V. Trends, characteristics and transparency of clinical trials for the prevention of healthcare-associated infections in intensive care units: a registry-based analysis, 2000-2025 II Giornata della Ricerca – Link Campus University. 2026

b3.3 Sciurti A, Siena LM, Migliara G, Isonne C, De Blasiis MR, Sinopoli A, Iera J, Marzuillo C, De Vito C, Villari P, Baccolini V. Compact large language models for title and abstract screening in systematic reviews: an assessment of feasibility, accuracy, and workload reduction. II Giornata della Ricerca – Link Campus University. 2025

b3.4 Siena LM, Baccolini V, Riccio M, Rosso A, Migliara G, Sciurti A, Marzuillo C, De Vito C, La Torre G, Villari P. Weighing the Evidence on the Costs and Benefits of Introducing Polygenic Risk-based Approaches Into Clinical Practice: A Systematic Review of Economic Evaluations II Giornata della Ricerca – Link Campus University. 2025

b3.5 Siena LM, de'Donato F, Michelozzi P, Stafoggia M. Comparative health impact assessment of air pollution reduction scenarios in Rome Annual meeting of the PNC Climate, Health Cobenefits and Equity project funded by the Ministry of Health. 2025

b3.6 Siena LM, de Donato F, Michelozzi P, Stafoggia M. Health Impacts of Air Pollution Reduction Scenarios in Rome: A Comparative Assessment ENBEL 2025 - Connecting Health and Climate Change conference. 2025

b3.7 Baccolini V, Migliara G, Siena LM, Riccio M, Rosso A, Isonne C, Leone I, Marzuillo C, De Vito C, La Torre G, Villari P. Economic evaluation of Polygenic Risk Scores in clinical practice: a systematic review Health Technology Assessment International Annual Meeting. 2024

b3.8 Baccolini V, Isonne C, Siena LM, Sciurti A, Migliara G, Leone I, Marzuillo C, La Torre G, Villari P. What are the challenges in the Health Technology Assessment of genetic and genomic applications? Health Technology Assessment International Annual Meeting. 2024

b3.9 Sanna A, Pellegrino D, Messina E, Siena LM, Baccolini V, D'Antoni L, Landini N, Baiocchi P, Villari P, Catalano C, Panebianco V, Palange P. Post-Covid Interstitial Lung Disease (PC-ILD): the role of pulmonary function testing and lung imaging in the long-term follow-up of patients with COVID-19 pneumonia European Respiratory Society (ERS) Congress, European Respiratory Journal - ERS Publications. 2022

Personal competiencies

Mother tongue:	Italian
Other languages:	English (listening: C1, reading: C1, speaking, interaction: C1, speaking, production: C1, writing: C1)
Digital compeencies:	Knowledge of Microsoft Office Suite, Zotero, Mendeley, R, STATA, RevMan, QGis