

Personal information

Name **Alessandro Marcon**

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Gender M

Date of birth 12 August 1978

Areas of academic interest

- Assessment of the short/long-term health effects of air pollution and pollen exposures
- Climate change mitigation and adaptation
- Epidemiology of chronic respiratory diseases in the general population
- Application of advanced statistical and epidemiological methods
- Epidemiological research using Electronic Health Records

Track record of publications

Author of **131 scientific publications** in indexed international journals

- first/last author in **40** of these
- Number of citations (Scopus): **6963**
- H-index (Scopus): **42**
- Impact factor (Journal Citation Reports): **1262**

Education

Master's Degree (with Honours) in Pharmaceutical Chemistry and Technology, University of Padova (30/06/2003)**PhD in Biosciences**, Thesis title "Determinants of lung function decline in adult asthma" (MEDS-24/A - Medical Statistics), University of Verona (23/04/2009)

Present and previous positions

2024-present

Associate Professor in Medical Statistics (MEDS-24/A), Unit of Epidemiology and Medical Statistics, Dept. of Diagnostics and Public Health, University of Verona, with Full Professor qualification (Abilitazione Scientifica Nazionale) attained in 2023

2021-2024

Type-B Researcher (Senior Assistant Professor), Unit of Epidemiology and Medical Statistics, Dept of Diagnostics and Public Health, University of Verona.

2015-2020

Type-A Researcher (Junior Assistant Professor), Unit of Epidemiology and Medical Statistics, Dept of Diagnostics and Public Health, University of Verona. Funded by the EU Horizon 2020 grant for the *Ageing Lungs in European Cohorts (ALEC)* project, PI Deborah Jarvis, and by ATS Val Padana for the *Viadana III* epidemiological study (co-PI)

2004-2015

Research Fellow and Data Analysis Technician (Category D3), Department of Diagnostics and Public Health, University of Verona

Memberships in scientific societies

2025-2028

Member of the Executive Council of the Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC)

2023-present

Member of the Italian Association of Epidemiology (AIE)

2018-present

Member of the Italian Association of Hospital Pulmonologists (AIPO)

2014-present

Member of the European Respiratory Society (ERS)

2005-present

Member of the SISMEC

Fellowship

2014 Jun-Aug **Short-term ERS Research Fellowship**, Department of Epidemiology & Biostatistics, School of Public Health, Imperial College London, UK. Supervisor: Anna Hansell. Project title: *Estimate of exposure to air pollution by means of GIS in population studies on respiratory health*.

Institutional roles and committee membership

2025-2026 **Member** of the Multidisciplinary Panel for Good Clinical Practice Recommendations (RBPCA) on the Appropriateness of Prescribing General Nevus Assessment Visits

2023-present **Biostatistician**, Clinical Research Centre, Verona University Hospital and Verona University

2021-2025 **Expert**, Technical-Scientific Committee of ATS Val Padana (District Health Agency)

2017-present **Biostatistician**, Clinical Research Unit (*Nucleo per la Ricerca Clinica*), Local Health Unit Azienda ULSS 9 Scaligera

2014 **Member** of the Organising Committee of the international congress “*Large scale population-based surveys on respiratory health in Italy and Europe*”, Verona

2007-2015 **Member** of the Scientific Committee of the *Viadana II study* and *Fumane study*

Supervision of graduate students and researchers

2021-present **PhD Supervisor**, University of Verona, for 3 PhD candidates (G. Caliskan, S. Tagliaferro, A. Arif)

2021-present **Supervisor**, School of Specialization in Health Statistics and Biometrics, University of Verona, for 6 residents

2017- present **PhD co-supervisor**, University of Bergen, Norway, for 2 PhD candidates (S. Xu, R. Sinsamala)

2018 **Traineeship Supervisor**, University of Duisburg-Essen, Germany, Master degree in Environmental Toxicology (international programme Erasmus+)

2016 **Traineeship Supervisor**, Department of Biostatistics, Medical Faculty, Uludag University, Turkey (international programme Erasmus+)

2015 **Traineeship Supervisor**, School of Economics, Management and Statistics, University of Bologna

2007-2015 **Environmental Epidemiology Working Group Coordinator**, epidemiological studies *GEIRD*, *Viadana I, II, and III studies*, *Fumane study* (leader: prof. Roberto de Marco)

2013-2015 **Thesis Co-Advisor**, Master's degree in Medicine and Surgery, University of Verona

2009-2010 **PhD Supervisor**, University of Verona

Fieldwork Coordinator, air pollution monitoring campaigns in the Italian centres of the ESCAPE study (Verona, Pavia, and Varese)

Research projects

2024-present “èVRgreen”. Funding: Fondazione Cariverona, call Capitale Naturale 2023 (*participant*)

2023-present “NecessARIA - Need for efficient air exchange strategies for the health of children and workers in schools”. Funding: Italian Ministry of Health (grant n. PREV-A-2022-12377013) (*participant*).

2022-present “Mitigation of the effects of environmental triggers on the outcomes of chronic respiratory diseases – MEETOUT”. Funding: ESF REACT-EU Green and Innovation; NextGenerationEU (DM 1061/2021, DM 737-2021, DM 118-2023) (*P.I.*)

2020-2025 “LifeGAP - Lifespan and inter-generational effects of greenness and air pollution”. Funding: National Research Council Norway, PI Ane Johannessen (*PhD supervisor*)

2018-2020 “Indagine epidemiologica sulla salute respiratoria in età pediatrica e sull'incidenza di tumori nel distretto sanitario di Viadana - Viadana III”. Funding: ATS Val Padana (*co-P.I.*)

2014-2020	"Aging Lungs in European Cohorts (ALEC)". Funding: EU Horizon 2020, Research and innovation programme, grant agreement 633212 (<i>participant</i>)
2004-2020	"The European Community Health Survey". Funding: EU (<i>participant</i>)
2011-2015	- "Oxidative stress, ageing, and respiratory diseases. A multi-centre epidemiological and genetic study on the general adult and elderly population in Italy". Funding: Italian ministry of Health, Ricerca Finalizzata 2009, ID: RF-2009-1471235. (<i>participant</i>)
	- "The GEIRD study". Funding: Donation from Chiesi farmaceutici. (<i>participant</i>)
2007-2015	"The role of the Environment and genes on the development and natural history of respiratory diseases - The Verona GEIRD project". Funding: Fondazione Cariverona, Call 2006. (<i>participant</i>)
2009-2014	"Health effects of living in the proximity of a cement plant in Fumane". Funding: Municipality of Fumane. (<i>coordinator</i>)
2012-2013	"Indagine epidemiologica sul carico assistenziale nella Ulss 21, Veneto, anni 2009-2011". Funding: KEIRON Associazione di Medicina Generale Veneto. (<i>P.I.</i>)
2006-10	"Health effects of exposure to air pollution from chipboard and wood industries: the Viadana study". Funding: Asl Mantova and Provincia di Mantova. (<i>coordinator</i>)
Congress chairing and presentations	
2025	Invited speaker , talk "Breathing Through the Seasons: Pollen Trends and Allergic Outcomes in Italy", Joint Allergy and Dermatology Symposium, October 16, Basel University Hospital, Basel
2025	Chair , oral presentation session "General epidemiology", XIII SISMEC congress, September 9-12, Pavia
2024	Invited speaker , Hot Topic Session "Overcoming the challenges of increasing urbanisation for respiratory health", ERS international congress, September 7-11, Vienna
2023	Chair , plenary session 1 "The health of climate, and our health too", XII SISMEC congress, September 20-23, Iesi
2015	Chair , poster session "Prevalence of respiratory diseases", ERS international congress, September 26-30, Amsterdam
2014	Chair , poster session "Large scale population-based surveys on respiratory health in Italy and Europe" international congress, October 23-24, Verona
2013	Chair , poster session "Factors associated with outcomes in COPD", ERS international congress, September 7-11, Barcelona
2005- present	Speaker , over 20 invited talks and oral presentations at international congresses/scientific events, and over 25 at national level
Major collaborations	
2021-present	Member of the Statistician group of SHARP (Severe Heterogeneous Asthma Research collaboration, Patient-centred), a Clinical Research Collaboration of ERS – European Respiratory Society.
2015-present	Member of the "Physical activity and body composition" working group, ECRHS study (coordinated by Judith Garcia-Aymerich, IS Global, Barcelona, Spain).
2005-present	Member of the "Therapy, Health Economics and QoL" working group, ECRHS study (coordinated by Christer Janson, University of Uppsala, Sweden).
2015-2018	Leader of task 4.2 "Asthma and allergy and lung function decline" (Work Package 4, coordinated by Judith Garcia-Aymerich, IS Global, Barcelona, Spain), ALEC study.
	Member of Work Package 6 "Integration and translation" (coordinated by Cosetta Minelli, Imperial College London, UK), ALEC study
2009-present	Member of the "Outdoor air pollution" working group (coordinated by Benedicte Jacquemin, IS Global, Barcelona, Spain), ECRHS study

2009-2012

Member of the “Air pollution and respiratory health” working group (coordinated by Nino Kuenzli, **University of Basel, Switzerland**), ESCAPE study

Awards

2013

Best Poster, SISMEC National Congress, September 25-28, Rome

2010

Young Scientist Sponsorship, ERS International Congress, September 18-22, Barcelona

Peer-review

2025

PhD theses

Graduate researcher's supervisor, Faculty of Medicine, Dentistry & Health Sciences, University of Melbourne, Australia

Grant applications

2016-2019

- Secondary Data Analysis Projects, Health Research Board, Dept. of Health, Ireland
- Career Development Awards, Medical Research Council, UK
- Self-Initiated Research Grants, South African Medical Research Council

Editorial Board member

2013-present

BMC Pulmonary Medicine (29 manuscripts handled)

Journal of Allergy and Hypersensitivity Diseases ([see editorial](#))

Reviewer

2012-present

81 peer reviews for: *Am J Cardiol*, **AJRCCM**, *Atmos Environ*, **BMJ**, *BMC Pulm Med*, *Can Respir J*, *Clinicoecon Outcomes Res*, *Digit Health*, **Environ Health Perspect**, *Environ Int*, *Environ Res*, **Eur Respir J**, *Int J Chron Obstruct Pulmon Dis*, **Int J Epidemiology**, **JACI**, **JAMA Netw Open**, *J Allergy Hypersensitivity Diseases*, **Lancet Planet Health**, **Lancet Reg Health West Pac**, **N Engl J Med**, *Pediatr Allergy Immunol*, *PLoS One*, *Respir Res*, **Thorax**, *Turkiye Klinikleri Journal of Biostatistics*
Full reviewer track record at <https://www.webofscience.com/wos/author/record/C-3349-2012>

TEACHING ACTIVITIES

2025

Member of the organising committee, 1-day course “*Health impact assessment in environmental epidemiology: methods and examples. Learning by doing*”, 9 September, Pavia

2023

“Methodological and statistical challenges in environmental health impact research”, 12 hour course at **University of Montpellier, Institut Desbrest d'Épidémiologie et de Santé Publique**. Funded by Erasmus + programme, staff mobility for teaching, 3-6 July

2018-2021 and from 2022

Faculty member, PhD in Applied Life and Health Sciences, University of Verona

Main courses

2004-present

- Epidemiological Methods, Environmental Epidemiology
- Statistics, Applied Statistics, Statistical Analysis with STATA, Jamovi, Excel
- Applied Informatics
- **Bachelor's degree** Health professions (e.g., Audioprothetic Techniques, Health Assistance, Biomedical Laboratory Techniques, Physiotherapy, Obstetrics, Nursing)
- **Master's degree** in Medical Bioinformatics and in Science of Technical and Assisting Health Professions
- **Courses of the PhD in Applied Life and Health Sciences**
- European Master in Sustainable Regional Health Systems
- Interuniversity II level Master in Prevention and Control Methods and Techniques, Ca' Foscari University of Venice and University of Verona

for

Verona, 27/11/2025

Alessandro Marcon