

**Personal information**

**Name** Alessandro Marcon

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**Gender** M

**Date of birth** 12 August 1978

- 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

**Areas of academic interest**

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**

**Track record of publications**

**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 (*participant*)
- 2004-2020 "The European Community Health Survey". Funding: EU (*participant*)
- "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. (*participant*)
  - "The GEIRD study". Funding: Donation from Chiesi farmaceutici. (*participant*)
- 2011-2015 "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. (*participant*)
- 2009-2014 "Health effects of living in the proximity of a cement plant in Fumane". Funding: Municipality of Fumane. (*coordinator*)
- 2012-2013 "Indagine epidemiologica sul carico assistenziale nella Ulss 21, Veneto, anni 2009-2011". Funding: KEIRON Associazione di Medicina Generale Veneto. (*P.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. (*coordinator*)

#### 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.
- 2009-present 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

**PhD theses**  
2025 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., Audioprosthetic 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