

INFORMAZIONI PERSONALI

Matteo Renzi

ESPERIENZA
PROFESSIONALE

Ottobre 2014 - Presente

Epidemiologo

Dipartimento di Epidemiologia SSR Lazio, ASL Roma 1

- Sviluppo di ricerche nel campo dell'epidemiologia ambientale con focus sull'inquinamento atmosferico. In particolare studia l'effetto dell'inquinamento a breve e lungo termine sulla salute umana tramite studi di coorte, caso-controllo, case-crossover e serie temporali applicando diverse tecniche statistiche

Gennaio 2023 - Presente

**Professore incaricato per il corso di Epidemiologia per il corso di laurea in Genetica e Biologia Molecolare
Università degli Studi di Roma "La Sapienza", Italia**

Gennaio 2022 – Febbraio 2023

Corso R "Introduzione all'analisi dei dati biomedici con R-Studio"

Università degli Studi di Roma "La Sapienza", Italia

Docente

Ottobre 2022 - Presente

Assistente professore per il corso di Epidemiologia per il corso di laurea in Genetica e Biologia Molecolare

Università degli Studi di Roma "La Sapienza", Italia

Ottobre 2017 – Ottobre 2020

Scuola di Specializzazione in Statistica sanitaria e biometria

Università degli Studi di Roma "La Sapienza", Italia

Gennaio 2015 – Gennaio 2017

Master di II Livello in Epidemiologia

Università degli Studi di Torino, Italia

- Epidemiologia di base, statistica di base ed avanzata, analisi di regressione, studi di coorte, caso-controllo, RCT

Ottobre 2011 – Dicembre 2013

Laurea Magistrale in Biologia applicata alla ricerca biomedica (BARB)

Università degli Studi di Roma "La Sapienza", Italia

- Igiene ed epidemiologia, metodi avanzati di acquisizione ed elaborazione dati, biologia molecolare, farmacologia, patologia molecolare, virologia

COMPETENZE PERSONALI

Lingua madre

Italiano

Altre lingue

Inglese

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
Eccellente	Eccellente	Buono	Buono	Buono
B2				

Competenze comunicative

- Possiedo buone competenze comunicative acquisite durante la mia esperienza di ricercatore presso il Dipartimento di Epidemiologia. In particolare, ho acquisito queste capacità durante numerosi interventi orali in Congressi nazionali ed internazionali di Epidemiologia. Inoltre, ho partecipato a diversi studi multicentrici che hanno coinvolto gruppi di lavoro sia a livello nazionale che internazionale.

Competenze organizzative e gestionali

- Ho acquisito buone capacità organizzative durante la mia esperienza al Dipartimento di Epidemiologia creando il primo gruppo di giovani epidemiologi all'interno dell'Associazione Italiana di Epidemiologia (AIE Giovani), di cui ricopro la carica di presidente. In questo contesto, abbiamo organizzato il primo congresso AIE giovani presso l'Università degli Studi di Roma "La Sapienza" il 5-6 giugno 2017 con oltre 250 iscritti.

Competenze digitali	Auto-Valutazione				
	Information processing	Communication	Content creation	Safety	Problem solving
R	Eccellente	Eccellente	Buono	Buono	Buono
	Utente esperto				
STATA	Eccellente	Eccellente	Eccellente	Eccellente	Eccellente
	Utente esperto				
SAS	Buono	Buono	Buono	Buono	Buono
	Utente base				
ArcGIS	Buono	Buono	Buono	Buono	Buono
	Utente base				
	<ul style="list-style-type: none"> ▪ Eccellente padronanza del pacchetto Office (Word, Excel, Powerpoint) ▪ Buona padronanza di software per il photo-editing 				

Pubblicazioni

- A national overview of the topics covered by young people in epidemiology: a comparison before and after the Covid-19.**
M Ottone, D Petri, E Listorti, A Macciotta, G Moirano, R Murtas, M Renzi, ...
Recenti Progressi in Medicina 114 (6), 309-315
- Long-term exposure to elemental components of fine particulate matter and all-natural and cause-specific mortality in a Danish nationwide administrative cohort study**
R So, J Chen, M Stafoggia, K de Hoogh, K Katsouyanni, D Vienneau, ..., M Renzi, ...
Environmental research 224, 115552
- Association between short-term exposure to air pollutants and cause-specific daily mortality in Italy. A nationwide analysis**
C Gariazzo, M Renzi, A Marinaccio, P Michelozzi, S Massari, C Silibello, ...
Environmental Research 216, 114676
- Short-term effects of ultrafine particles on heart rate variability: A systematic review and meta-analysis**
S Zhang, S Breitner, R Pickford, T Lanki, E Okokon, L Morawska, E Samoli, ...
Environmental Pollution, 120245
- Exposure to surrounding greenness and natural-cause and cause-specific mortality in the ELAPSE pooled cohort**
A Bereziartua, J Chen, K de Hoogh, S Rodopoulou, ZJ Andersen, ..., M Renzi, ...
Environment international 166, 107341
- Long-term exposure to air pollution and mortality in a Danish nationwide administrative cohort study: Beyond mortality from cardiopulmonary disease and lung cancer**
R So, ZJ Andersen, J Chen, M Stafoggia, K de Hoogh, K Katsouyanni, ..., M Renzi, ...
Environment international 164, 107241
- Multianual assessment of the desert dust impact on air quality in Italy combining PM10 data with physics-based and geostatistical models**
F Barnaba, NA Romero, A Bolignano, S Basart, M Renzi, M Stafoggia
Environment International 163, 107204
- Short-term effects of particulate matter on cardiovascular morbidity in Italy: a national analysis**
M Stafoggia, M Renzi, F Forastiere, P Ljungman, M Davoli, F de' Donato, ...
European journal of preventive cardiology 29 (8), 1202-1211
- Long-term exposure to fine particle elemental components and mortality in Europe: Results from six European administrative cohorts within the ELAPSE project**
S Rodopoulou, M Stafoggia, J Chen, K de Hoogh, M Bauwelinck, ..., M Renzi, ...
Science of the Total Environment 809, 152205
- Long-term exposure to air pollution and risk of venous thromboembolism in a large administrative cohort**
M Renzi, M Stafoggia, P Michelozzi, M Davoli, F Forastiere, AG Solimini
Environmental Health 21 (1), 21
- The functions of epidemiology in reorganizing the Italian NHS. A proposal by the Italian Epidemiological Association**
L Bisceglia, C Ancona, S Brescianini, S Broccoli, M Marra, A Marras, R Murtas, M Renzi
Epidemiologia e prevenzione 46 (1-2), 8-10
- Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project**
M Stafoggia, B Oftedal, J Chen, S Rodopoulou, M Renzi, RW Atkinson, ...
The Lancet Planetary Health 6 (1), e9-e18
- Association of long-term exposure to PM2.5 with hypertension prevalence and blood pressure in China: a cross-sectional study**
J Song, Y Gao, S Hu, E Medda, G Tang, D Zhang, W Zhang, X Li, J Li, M Renzi, ...
BMJ open 11 (12), e050159
- A microscale hybrid modelling system to assess the air quality over a large portion of a large European city**
D Barbero, G Tinarelli, C Silibello, A Nanni, C Gariazzo, M Stafoggia, M Renzi, ...
Atmospheric Environment 264, 118656
- Variability in the association between long-term exposure to ambient air pollution and mortality by exposure assessment method and covariate adjustment: A census-based country ...**
M Bauwelinck, J Chen, K de Hoogh, K Katsouyanni, S Rodopoulou, ..., M Renzi, ...
Science of The Total Environment 804, 150091 2022
- Long-term exposure to air pollution and liver cancer incidence in six European cohorts**
R So, J Chen, AJ Mehta, S Liu, M Strak, K Wolf, UA Hvidtfeldt, ...

- International Journal of Cancer 149 (11), 1887-1897 2021
- Association between air temperature, air pollution and hospital admissions for pulmonary embolism and venous thrombosis in Italy**
 C Di Blasi, M Renzi, P Michelozzi, F de'Donato, M Scortichini, M Davoli, ...
 European Journal of Internal Medicine 2021
- A nationwide study of air pollution from particulate matter and daily hospitalizations for respiratory diseases in Italy**
 M Renzi, M Scortichini, F Forastiere, F De'Donato, P Michelozzi, M Davoli, ...
 Science of The Total Environment, 151034 2021
- Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis**
 M Strak, G Weinmayr, S Rodopoulou, J Chen, K De Hoogh, ZJ Andersen, ...
 BMJ 374 3 2021
- Mortality and Morbidity Effects of Long-Term Exposure to Low-Level PM_{2.5}, BC, NO₂, and O₃: An Analysis of European Cohorts in the ELAPSE Project**
 B Brunekreef, M Strak, J Chen, ZJ Andersen, R Atkinson, M Bauwelinck, ...
 Health Effects Institute 4 2021
- Long-term exposure to low-level ambient air pollution and incidence of stroke and coronary heart disease: a pooled analysis of six European cohorts within the ELAPSE project**
 K Wolf, B Hoffmann, ZJ Andersen, RW Atkinson, M Bauwelinck, ...
 The Lancet Planetary Health 5 (9), e620-e632 2 2021
- Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortality—A Pooled Analysis of Eight European Cohorts within the ELAPSE Project**
 J Chen, S Rodopoulou, K de Hoogh, M Strak, ZJ Andersen, R Atkinson, ...
 Environmental health perspectives 129 (4), 047009 7 2021
- Short-term health effects from outdoor exposure to biomass burning emissions: A review**
 A Karanasiou, A Alastuey, F Amato, M Renzi, M Stafoggia, A Tobias, ...
 Science of The Total Environment, 146739 8 2021
- Modeling multi-level survival data in multi-center epidemiological cohort studies: applications from the ELAPSE project**
 E Samoli, S Rodopoulou, UA Hvidtfeldt, K Wolf, M Stafoggia, B Brunekreef, ...
 Environment International 147, 106371 4 2021
- Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort**
 UA Hvidtfeldt, J Chen, ZJ Andersen, R Atkinson, M Bauwelinck, ...
 Environmental Research 193, 110568 5 2021
- Short-term effects of particulate matter on cardiovascular morbidity in Italy: a national analysis**
 M Stafoggia, M Renzi, F Forastiere, P Ljungman, M Davoli, F de'Donato, ...
 European Journal of Preventive Cardiology 4 2021
- Long-term low-level ambient air pollution exposure and risk of lung cancer—A pooled analysis of 7 European cohorts**
 UA Hvidtfeldt, G Severi, ZJ Andersen, R Atkinson, M Bauwelinck, ...
 Environment International 146, 106249 14 2021
- Impact of different exposure models and spatial resolution on the long-term effects of air pollution**
 C Gariazzo, G Carlino, C Sillibello, G Tinarelli, M Renzi, S Finardi, N Pepe, ...
 Environmental Research 192, 110351 5 2021
- Meta-analysis on short-term exposure to ambient ultrafine particles and respiratory morbidity**
 E Samoli, S Rodopoulou, A Schneider, L Morawska, M Stafoggia, ...
 European Respiratory Review 29 (158) 1 2020
- A multi-city air pollution population exposure study: Combined use of chemical-transport and random-Forest models with dynamic population data**
 C Gariazzo, G Carlino, C Sillibello, M Renzi, S Finardi, N Pepe, P Radice, ...
 Science of The Total Environment 724, 138102 18 2020
- Short-term exposure to PM_{2.5} and risk of venous thromboembolism: A case-crossover study**
 M Renzi, M Stafoggia, P Michelozzi, M Davoli, F Forastiere, AG Solimini
 Thrombosis research 190, 52-57 4 2020

A random forest approach to estimate daily particulate matter, nitrogen dioxide, and ozone at fine spatial resolution in Sweden
M Stafoggia, C Johansson, P Glantz, M Renzi, A Shtein, K de Hoogh, ...
Atmosphere 11 (3), 239 11 2020

Interrupting the chains of transmission of COVID-19 in Italy: survey among the Prevention Departments
S Salmasso, F Zambri, M Renzi, A Giusti
Epidemiol Prev, 33-41 2020

Long-term exposure to air pollution and hospitalization for dementia in the Rome longitudinal study
F Cerza, M Renzi, C Gariazzo, M Davoli, P Michelozzi, F Forastiere, ...
Environmental Health 18 (1), 1-12 28 2019

Short-term association between daily PM2.5 and PM10 concentrations and cardiovascular admissions in Italy—a national approach
M Stafoggia, M Renzi, C Gariazzo, S Fasola, P Michelozzi, F Forastiere, ...
Environmental Epidemiology 3, 381 2019

Long-Term Exposure and Cause-Specific Mortality in the Latium Region (Italy): A Difference-in-Differences Approach
M Renzi, F Forastiere, J Schwartz, M Davoli, P Michelozzi, M Stafoggia
Environmental health perspectives 127 (6), 067004 11 2019

Scientific literature from the era of John Snow to the time of social influencer
M Renzi, F Asta, L Bauleo, L Bonvicini, F Mataloni, R Murtas, G Moirano, ...
EPIDEMIOLOGIA & PREVENZIONE 43 (2-3), 126-127 2019

Estimation of daily PM10 and PM2.5 concentrations in Italy, 2013–2015, using a spatiotemporal land-use random-forest model
M Stafoggia, T Bellander, S Bucci, M Davoli, K De Hoogh, F De'Donato, ...
Environment international 124, 170-179 128 2019

Short-term effects of desert and non-desert PM10 on mortality in Sicily, Italy
M Renzi, F Forastiere, R Calzolari, A Cernigliaro, G Madonia, ...
Environment international 120, 472-479 14 2018

Validation of algorithms for the identification of subjects with chronic disease using health information systems
R Di Domenicantonio, G Cappai, S Cascini, S Narduzzi, D Porta, ...
Epidemiologia e prevenzione 42 (5-6), 316-325 5 2018

Short-term exposure to air pollution might exacerbate autoimmune diseases
A Faustini, M Renzi, U Kirchmayer, M Balducci, M Davoli, F Forastiere
Environmental Epidemiology 2 (3), e025 5 2018

Residential exposure to air pollution and incidence of Parkinson's disease in a large metropolitan cohort
F Cerza, M Renzi, N Agabiti, C Marino, C Gariazzo, M Davoli, ...
Environmental Epidemiology 2 (3), e023

Air pollution and occurrence of type 2 diabetes in a large cohort study
M Renzi, F Cerza, C Gariazzo, N Agabiti, S Cascini, R Di Domenicantonio, M Davoli, F Forastiere and G Cesaroni
Environment International, 2018

If I say John Snow, what do you think? #spoileralert
L Bauleo, L Bonvicini, M Carugno, M Giraud, F Mataloni, M Popovic, M Renzi and V Simeon
Epi Prev 2017; 41 (3-4): 159-161

Analysis of Temporal Variability in the Short-term Effects of Ambient Air Pollutants on Nonaccidental Mortality in Rome, Italy (1998–2014),
M Renzi, M Stafoggia, A Faustini, G Cesaroni, G Cattani, F Forastiere, Environmental Health Perspectives 670119, 1

Association between Air Pollution and Emergency Room Visits for Atrial Fibrillation
A Solimini, M Renzi, Int. J. Environ. Res. Public Health 14 (6), 661

Health effects of Saharan dust in Sicily Region (Southern Italy)
M Renzi, M Stafoggia, A Cernigliaro, R Calzolari, G Madonia, S Scondotto, F Forastiere
Epi Prev 41 (1), 46

Presentations

Does chronic exposure to high levels of nitrogen dioxide exacerbate the short-term effects of airborne particles?

A Faustini, M Stafoggia, M Renzi, G Cesaroni, E Alessandrini, M Davoli, F Forastiere
Occup Environ Med 73 (11), 772-778

Health effects of air pollution in Rome in December 2015

M Renzi, M Stafoggia, A Faustini, G Cesaroni, N Agabiti, and F Forastiere
Epi Prev 40 (1), 29-32

Annual congress of Italian epidemiologist Society (AIE) 2017 – Mantova, 25 -27 October – Oral presentation in plenary session “Commentary of G.A. Maccacaro’s paper: Notes on the discussion of a statistical survey plan on atmospheric pollution and its effects (1958)”

Annual congress of Italian epidemiologist Society (AIE) 2017 – Mantova, 25 -27 October – Oral presentation “Analysis of desert PM10 on cause-specific mortality in Sicily: a new approach

Spring congress of Italian epidemiologist Society (AIE) 2017 organized by Young Italian epidemiologist Society (AIE giovani) – Rome, 5- 6 June– Oral presentation in plenary session “Epidemiology 3.5: If I say John Snow, what do you think?”

Annual congress of Italian epidemiologist Society (AIE) 2016 – Turin, 19 -21 October – Oral presentation Saharan dust and associations between different outcomes in Sicily ”

Annual congress of Italian epidemiologist Society (AIE) 2016 – Turin, 19 -21 October – Poster presentation “ Association between long-term exposure to air pollution and urban green and incidence of type2 diabetes”

Congress of International Society for Environmental Epidemiology (ISEE) 2016 – Rome, 1-3 September – Oral presentation “ Saharan dust and associations between different outcomes in Sicily”

Congress of International Society for Environmental Epidemiology (ISEE) 2016 – Rome, 1-3 September – Poster presentation “ Association between long-term exposure to air pollution and urban green and incidence of type2 diabetes”

Congress of International Society for Environmental Epidemiology (ISEE) 2016 – Rome, 1-3 September – Poster presentation “ Time-varying short-term effects of air pollution in Rome from 1998-2014 ”

VII National Congress about Atmospheric Particles (PM2016) – Rome, 17-20 May Oral Presentation “ Time-varying short-term effects of air pollution in Rome from 1998-2014”

Congress of International Society for Environmental Epidemiology (ISEE) Young 2015 – Utrecht, 2-3 September – Poster presentation “ Time-varying short-term effects of air pollution in Rome from 1998-2014”

Congress of International Society for Environmental Epidemiology (ISEE) Young 2014 – Barcelona, 20-21 October– Poster presentation “Relationship between atrial fibrillation and air pollution: a time series study”

Corsi

ISEE post-conference workshop on “Scientific Writing” by Jane Schroeder, 4 September 2016

Course on “Causal Inference in Epidemiology and applications to Environmental Health”, Rome, 13-17 July 2015

Certificazioni

“Biologist professional qualification”, University of Rome “La Sapienza”, December 2016

“The Data’s Scientific Toolbox”, Coursera online Courses, Johns Hopkins University, December 2014

“R Programming”, Coursera online Courses, Johns Hopkins University, December 2014

“First (FCE)” Cambridge English Language Assessment, July 2014

Patente di guida B

ULTERIORI INFORMAZIONI

ALLEGATI

Dati personali Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.

Data

16/10/2019

Firma