

Name: Cristina Canova

Omissis

Affiliation

Associate Professor Of Medical Statistics

Department of Cardiac, Thoracic and Vascular Sciences and Public Health of the University of Padova
Unit of Biostatistics, Epidemiology and Public Health

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EDUCATION AND QUALIFICATION

2007: Ph.D. in Environmental medicine: Nutrition and Pollution, University of Padua, Italy.

2002 MSc: Demographic and Statistical Social Science, University of Padua, Italy.

1997 diploma: P. Liroy Upper Level School of Science, Vicenza.

Other qualification:

Diploma classical guitar. June 2003. Academy of Music "Venezze", Rovigo, Italy.

PROFESSIONAL EXPERIENCE

Nov 2018: Associate Professor Of Medical Statistics, Dept of Cardiac, Thoracic and Vascular Sciences and Public Health of the University of Padova

June 2018: member of the Ethical committee of Clinical Trials of the Province of Vicenza

Oct 2017-Nov 2018 Tenure track Assistant Professor Dept of Cardiac, Thoracic and Vascular Sciences of the University of Padova.

Nov 2015-Sept 2017 Tenure track Assistant Professor Dept of Molecular Medicine of the University of Padova.

April 2012-October 2015 Post-doctoral Research Fellow Dept of Molecular Medicine of the University of Padova.

August 2012- Dic 2014 Honorary Research associate Department of Respiratory Epidemiology and Public Health, Occupational and Environmental Medicine, NHLI, Imperial College, London.

June 2010-March 2012 Research associate MRC-HPA Centre for Environment and Health Department of Respiratory Epidemiology and Public Health, Occupational and Environmental Medicine, NHLI, Imperial College, London.

2008-2010 Research associate Department of Environmental Medicine and Public Health, University of Padova.

2006-2008 Research associate Department of human Biomedicine and Oncology, University of Torino.

2006-2007 Fellowship 'Genetics and Epidemiology Cluster' International Agency for Research on cancer (IARC), Lion.

2003-2006 Research assistant/Phd student Department of Environmental Medicine and Public Health, University of Padova.

Grants as PI

January 2021. "PFAS mixtures and health in Veneto: A cross-sectional and follow-up study of the community and workers exposed to PFAS". CORIS Veneto Region. 91,640 euro.

December 2018. "Cross-sectional epidemiological study on the association between internal dose of PFAS and anthropometric and bio-humoral parameters in the exposed Veneto population". Number: CANO_ALFREVE18_01 (CONVENZIONE CORIS PER REALIZZAZIONE PROGETTI DI RICERCA INNOVATIVI SUI PFAS 2017-18). 98,000 euro

July 2019. "Geographical and socio-economic disparities in the occurrence, avoidable hospitalization

and mortality for Heart Failure: results from the Metropolitan Longitudinal Cohort-Study of the Veneto Region". SID 2019-2021 CANOVA (Department of Cardiac, Thoracic and Vascular Sciences and Public Health of the University of Padova). 24,000 euro.

Awards

September 2013: grant for the research activities related to a post-doc fellowship on coeliac disease, University of Padova

June 2011: ERS Young Scientist Sponsorship

June 2011: NHLI Foundation Postdoctoral Travel Awards

October 2008: Maccacaro's prize for best oral communication (under 40) XXXII Riunione annuale dell'Associazione Italiana di epidemiologia 15-17 Ottobre 2008, Milano.

Referee

Eur J Public health, New England Journal of Medicine, PloS One, Jama Pediatrics, Pediatrics, Epidemiologia&Prevenzione, Digestive and liver disease, International Journal of Epidemiology, Occupational and Environmental Medicine, Journal of asthma, European Journal of Epidemiology, Clinical and Experimental Allergy, Journal of Exposure Science and Environmental Epidemiology, Archives of Oral Biology, BMJ open access, American Journal of Epidemiology, Epidemiology.

Committee

Gruppo di lavoro della Sezione III del Consiglio Superiore di Sanità "Aspetti sanitari associate all'inquinamento a PFAS" (September 2020-)

MRC-HPA Centre for Environment and Health Executive Committee (April 2011-March 2012)

MRC-HPA Centre for Environment and Health Researcher Society Committee (chair) (April 2011-March 2012)

RESEARCH INTEREST

PI of a cross-sectional epidemiological study on the association between internal dose of PFAS and anthropometric and bio-humoral parameters in the exposed Veneto population founded by CORIS (Veneto Region). The objectives of this study are to evaluate if there is a relationship between the serum concentrations of PFAS and markers of cardiovascular, metabolic and endocrine function assessed within the health surveillance plan, taking into account possible anthropometric, socio-demographic and lifestyle confounders for such relationships. The project focuses on determining the shape of any identified relationships and, if possible, the PFAS threshold concentration below or above which no effect is detectable.

Exploit the use of administrative data for generating evidence in the fields of healthcare research and pharmacoepidemiology. Analysis of a large population-based birth cohort (FVG Region) mainly focused on risk factors and follow-up of children affected by coeliac disease, asthma and other autoimmune conditions.

Member of a unit of the "network of metropolitan Longitudinal Studies for the assessment of the state of health and the profiles of assistance to the immigrant population" funded by the National Institute for the Health Promotion of Migrants (INMP). For this project she is responsible for the activities related to the construction of a longitudinal cohort for the municipality of Venice and the evaluation of hospitalization for potential avoidable admissions between Italians and migrants.

Investigation of cardio-respiratory effects of ambient air pollution and aero-allergen using time-series, case-crossover and individual panel design. Investigation of the health effects of exposure to welding fumes, asbestos and ionising radiation in the occupational environment. Investigation of the role of genetic and environmental factors their possible interaction on head and neck cancer, European collaborative case-control study (ARCAGE).

TEACHING

Teaching assistant and lecturer in medical statistics, epidemiology and data management for several undergraduated and post-graduated AND Master courses In Padova and London. Supervisor of several degree, Matser and PhD students in Optic and Optometry, Medicine, Statistics and Biology.

Director of the Master in Health Care Research and Pharmacoepidemiology, from Nov 2018, University of Padova.

PUBBLICATIONS:

Author of 140 publications in refereed journals, Total CI (Scopus): >4100; Total H-Index (Scopus): 36

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