# Curriculum Vitae- Chiara Airoldi

## Personal information



Chiara Airoldi
Office number: +39 0321 373 2183
Email: chiara.airoldi@uniupo.it
Sex: Female
Date of birth: 20/11/1992

## Education

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|---|---|
| 2018-in course | PHD in Medical Sciences and Biotechnology. University of Piemonte Orientale, Novara, Italy |
| 2014-2016 | Master's degree in Biostatistics. University of Milano Bicocca, Milano, Italy 110/110 with honors |
| 2011-2014 | Bachelor's degree in Statistics and Information Management, University of Milano Bicocca, Milano, Italy 110/110 |

## Employment

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| Jan 2020- in course | Research fellow, Department of Translational Medicine, University of Piemonte Orientale, Novara, Italy |
| Jul 2018-Jan 2020 | Fellowship, Department of Translational Medicine, University of Piemonte Orientale, Novara, Italy |
| Oct-Nov 2020 | Fellowship, Institute for Cancer Research, Prevention and Clinical Network (ISPRO), Florence, Italy; |
| Nov 2017-Jul 2018 | Fellowship, Department of Translational Medicine, University of Piemonte Orientale, Novara, Italy |
| Nov-Dec 2017 | Consultant, Research Centre in Optics and Optometry, University of Milano Bicocca, Italy |
| Jan-Nov 2017 | Fellowship, Department of Statistics and Quantitative Methods, University of Milano Bicocca, Milano, Italy |
| Nov 2016-Jan 2017 | Fellowship, Department of Translational Medicine, University of Piemonte Orientale, Novara, Italy |

## Teaching experience

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|---|---|
| Dec 2020-Jan 2021 | Teaching assistant in Statistics, Bachelor's Degree in Physiotherapy, University of Piemonte Orientale, Novara, Italy |
| Dec 2019-Jan 2020 | Teaching assistant in Informatics, Master's Degree in Nursing and Midwifery Sciences, University of Piemonte Orientale, Novara, Italy |
| Dec 2019-Jan 2020 | Teacher in Statistics, Master's Degree in Nursing and Midwifery Sciences, University of Piemonte Orientale, Novara, Italy |

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|---|---|
| Dec 2019-Jan 2020 | Teaching assistant in Statistics, Bachelor's Degree in Physiotherapy, University of Piemonte Orientale, Novara, Italy |
| Jun -Jul 2019 | Teaching assistant in Math, High school, I.I.I. Pascal, Novara, Italy |
| Dec 2018-Jan 2019 | Teaching assistant in Statistics, Bachelor's Degree in Biotechnology, University of Piemonte Orientale, Novara, Italy |
| Dec 2017-Jan 2018 | Teaching assistant in Statistics, Bachelor's Degree in Biotechnology, University of Piemonte Orientale, Novara, Italy |

## Publication

Percivale I., Danna P.S.C., Falaschi Z., Berardo S., Gangi S., Tricca S., Castello L.M., Barini M., **Airoldi C**., Carriero A. Men and women affected by Sars-CoV-2 pneumonia: same CT features but different outcome. Clin Radiol. 2021 Mar;76(3):235.e25-235.e34. doi: 10.1016/j.crad.2020.11.119. Epub 2020 Dec 11. PMID: 33358500; PMCID: PMC7732229.

Rinaldi C., Bortoluzzi S., **Airoldi C.**, Leigheb F., Nicolini D., Russotto S., Vanhaecht K., Panella M. The Early Detection of Osteoporosis in a Cohort of Healthcare Workers: Is There Room for a Screening Program? Int J Environ Res Public Health. 2021 Feb 2;18(3):1368. doi: 10.3390/ijerph18031368. PMID: 33540940.

Solidoro P., Patrucco F., Boffini M., Rinaldi M., **Airoldi C.**, Costa C., Cavallo R., Albera C. Cellular and humoral cytomegalovirus immunity changes in one-year combined prophylaxis after lung transplantation: suggestions from and for clinical practice. Ther Adv Respir Dis. 2020 Jan-Dec;14:1753466620981851. doi: 10.1177/1753466620981851. PMID: 33356914; PMCID: PMC7780175.

Montani D., Gallone C., **Airoldi C.,** Galbier E. Il professionismo online attraverso l'utilizzo dei social network da parte degli studenti di infermieristica: uno studio trasversale osservazionale. *Tutor*

Patrucco F, Albera C, Bellocchia M, Foci V, Gavelli F, Castello LM, Bellan M, Sainaghi PP, **Airoldi C**, Balbo PE, Solidoro P. ARS-CoV-2 Detection on Bronchoalveolar Lavage: An Italian Multicenter experience. *Respiration. 2020* Oct 19:1-9. doi: 10.1159/000511964. Epub ahead of print. PMID: 33075793.

**Airoldi C**., Ferrante D., Mirabelli D., Azzolina D., Magnani C. Evaluation of Nonresponse Bias in a Case-Control Study of Pleural Mesothelioma, . *Int. J. Environ. Res. Public Health 2020, 17, 1020.*

Gambaro E, Mastrangelo M, Sarchiapone M, Marangon D., Gramaglia C., Vecchi C., **Airoldi C.**, Mirisola C., Costanzo G., Bartollino S., Baralla F., Zeppegno P.. Resilience, trauma, and hopelessness: protective or triggering factor for the development of psychopathology among migrants?. *BMC Psychiatry.* 2020;20(1):358. Published 2020 Jul 8.

Cammarata E, Esposto E, Veronese F, **Airoldi C**., Zavattaro E., Boggio E., Savoia P. Safety margins for dermatofibrosarcoma protuberans: a comparison between wide local excision and Mohs Tubingen technique. *Eur J Dermatol.* 2020;30(3):289-293.

Famà R, Borroni E, Merlin S, **Airoldi C.**, Pignani S., Cucci A., Corà D., Bruscaggin V., Scardellato S., Faletti S., Pelicci G., Pinotti M.,. Walker G.E., and Follenzi A.. Deciphering the Ets-1/2-mediated transcriptional regulation of F8 gene identifies a minimal F8 promoter for hemophilia A gene therapy [published online ahead of print, 2020 May 28]. *Haematologica.* 2020;haematol.2019.239202.

Daverio M, Patrucco F, Gavelli F, **Airoldi C.**, Sciortino G. , Chiaramonte C. , Rena O ., Balbo PE. * Boldorini R. Comparative analysis of programmed death ligand 1 expression in paired cytologic and histologic specimens of non-small cell lung cancer [published online ahead of print, 2020 May 28]. *Cancer Cytopathol.* 2020

Familiari A, Neri C, Caruso A., **Airoldi C.**, Barone-Adesi F, Zanconato G., Bolomini G., Presti F.  Vaginal birth after caesarean section: a multicentre study on prognostic factors and feasibility. *Arch Gynecol Obstet.* 2020;301(2):509-515

**Airoldi C.;** Ferrante D.; Miligi L.; Piro S.; Stoppa G.; Migliore E.; Chellini E.; Romanelli A.; Sciacchitano C.; Mensi C.; Cavone D.; Romeo E.; Massari S.; Marinaccio A.; Magnani C. Estimation of Occupational Exposure to Asbestos in Italy by the Linkage of Mesothelioma Registry (ReNaM) and National Insurance Archives. Methodology and Results. *Int. J. Environ. Res. Public Health* 2020, 17, 6146

Veronese F, Zavattaro E, Orioni G, Landucci G., Taratino V, **Airoldi C.**, Savoia P.. Efficacy of new class I medical device for actinic keratoses: a randomized controlled prospective study [published online ahead of print, 2019 Nov 7]. J Dermatolog Treat. 2019;1-6.

Cozza F, Monzio Compagnoni M, **Airoldi C**, Braga C, Nigrotti G, Vlasak N, Larcher S, Zeri F, Tavazzi S, The effects of two longpass filters on visual performance, *J. Optom,* 2019.

Zambon A., **Airoldi C**., Corrao G., Cibin M., Agostini M., Aliotta ., Movalli M., Biondini F., Bizzi P. , Zucchi G, Cerizza G., Dattola A. , Marmora A., Vittadini G., Girardi F., Liberto L , Hinnenthal I.M., Jaretti Sodano A., Vizzuso P., Majolino E., Mioni D., Pedretti L., Ranaletti P., Forghieri M., Spolaor G., Giorgi G. Prevalence of Polysubstance Abuse and Dual Diagnosis in Patients Admitted to Alcohol Rehabilitation Units for Alcohol-Related Problems in Italy: Changes in 15 Years. *Alcohol and Alcoholism*, 2017, 1–7

De Marchi F., Tondo G., Mittino D., Bolamperti L., **Airoldi C.**, Pizzamiglio C., Cantello R.Headache in immigrant patients: similarities and differences with Italian population.*Neurological Sciences*, 2017, Brief communication

## Oral publication poster

**Airoldi C.,** Hayden E., Scotti L., Bellan M., Sottosanti A., Bergamasco P., Salamina L., Capponi A., Sainaghi PP., Pirisi M., Modellare la richiesta di posti letto ospedalieri per pazienti con COVID durante la fase acuta dell'epidemia. Oral communication at XLIV National Congress Associazione Italiana Epidemiologia (AIE),  November 2-6, 2020

**Airoldi C.,** Borrè S., Milano F., Sarro A., Rossi M.A., Barale A., Alessi D., Cena T., Faggiano F., Sieroprevalenza di anticorpi anti-SARS-CoV-2 tra il personale sanitario della ASL Vercelli, Poster at XLIV National Congress Associazione Italiana Epidemiologia (AIE),  November 2-6, 2020

**Airoldi C.,** Calcagno A., Di Perri G., Valinotto R., Gallo L., Locana E., Trunfio M, Vienis P., Faggiano F. Poster at XLIV National Congress Associazione Italiana Epidemiologia (AIE),  November 2-6, 2020

Miligi L., Massari S., Paredes R.I.A., Piro S., **Airoldi C**., Ranucci A., Romeo E., Scondotto S., Cenni A., Aprea M.C. Risk of nasopharyngeal cancer in productive sectors and formaldehyde exposure in bakeries industry. Poster at 16th World congress of Publich Health, online, October 12-16, 2020

Capsoni N., Privitera D., **Airoldi C.**, Angaroni L, Forni E., Mazzone A., Pierotti F., Rocca E., Bergamaschi M., Albertini V., Dal Molin A., Vincent F., Bellone A., CPAP use in COVID-19 patients: a retrospective observational study in the emergency deparment. Poster at Congress "Ritorno al futuro della medicina di urgenza", Milano, October 7-8, 2020

Piu N., Isabella A., Aleni C., **Airoldi C.**, Sarro A., Faggiano F. SARS-CoV-2 Taste and Smell Disorder: a Cross-Sectional Study in a Northern Italy Local Health Department. Poster at 11th EUSPR Conference, online, 7-9 October 2020

**Airoldi C.**, Bortoluzzi S., Baldrighi M., Castello L.M., Gardino C., Giorchino M., Faggiano F. Pronto… a smettere. Pitch at XLIII National congress Associazione Italiana Epidemiologia (AIE), Catania, October 23-25, 2019

**Airoldi C.**, Ferrante D., Miligi L., Piro S., Stoppa G., Migliore E., Tumino R., Romanelli A., Mensi C., Cavone D., Romeo E., Marinaccio A., Chellini E., Magnani C., Text mining and inexact matching per identificare ditte con esposizione ad amianto. Poster at XLIII National congress Associazione Italiana Epidemiologia (AIE), Catania, October 23-25, 2019

**Airoldi C.** Indagine dell'esposizione ad amianto dei casi di neoplasie non mesoteliari secondo OCCAM. Oral presentation at "seminario satellite Ricerca scientifica e sorveglianza delle malattie amianto correlate" - XLIII National congress Associazione Italiana Epidemiologia (AIE), Catania, October 23-25, 2019

Bortoluzzi S**., Airoldi C**., Baldrighi M., Castello L.M., Gardino C., Giorchino M., Faggiano F., Pronto… a smettere. Oral presentation at National Congress Società Italiana di Igiene, Medicina Preventiva e Sanità Pubblica (SItI), Perugia, October 16-19, 2019

**Airoldi C**., Ferrante D., Miligi L., Migliore E., Tumino R., Romanelli A., Mensi C., Cavone D., Romeo E., Marinaccio A., Chellini E., Magnani C.Text Mining and Inexact Matching per identificare ditte con esposizione ad amianto. Oral presentation at X National Congress Società Italiana Statistica Medica ed Epidemiologia Clinica (SISMEC), Roma, September 18-21, 2019

Coppo A., Faggiano F., **Airoldi C**. Empowering Hospital study: effect on health-related behaviors. Oral presentation at X European Society for Prevention Research (EUSPR) conference, Ghent, September 16-18, 2019

Bortoluzzi S., **Airoldi C**., Baldrighi M., Castello L., Gardino C., Giorchino M., Faggiano F.The impact of brief motivational counseling for smoking cessation in an Italian Emergency Department. Oral presentation at X European Society for Prevention Research (EUSPR) conference, Ghent, September 16-18, 2019

Cozza F., Compagnoni M., **Airoldi C.** , Braga C. Nigrotti G., Zeri Fabrizio , Tavazzi S., Vlasak N., Larcher S. The effects of two long-pass filters on visual performances
Oral presentation at X European Council of Optometry and Optics (ECOO), Rome, May 18-20, 2019

Bortoluzzi S., Parovina S., Coppo A., Barale A., Alessi D., **Airoldi C**., Cena T., Faggiano F. Dedalo study: the evaluation of a community-level lifestyle medicine intervention Poster at giornata Interdisciplinary Research Center of Autoimmune Diseases (IRCAD), Novara, November 10, 2018

Coppo A., Faggiano F., **Airoldi C.**, Donat Castello L., Susta D.The effect of the Empowering Hospital model on healthy behaviors Oral Presentation at Ninth EUSPR Conference and Members' Meeting – European Society for Prevention Research (EUSPR), Lisbon, October 24-26, 2018

**Airoldi C.**, Coppo A., Bacchi M., Donat Castello L., Faggiano F. Gestione dei valori mancanti in uno studio randomizzato e controllato. Oral presentation at XLII National Congress– Associazione Italiana Epidemologia (AIE), Lecce, October 24-26, 2018

Contoli B., Ferrante G., Masocco M., **Airoldi C.,** Caristia S. , Stenehjem J. Barone-Adesi S., Lana S., Occhiodoro V., Faggiano F. Costruzione di un indicatore per la definizione di anziano attivo secondo le raccomandazioni OMS, a partire dalle domande del questionario PASE . Oral presentation at XLII National Congress– Associazione Italiana Epidemiologia (AIE), Lecce, October 24-26, 2018

Nicolini D., Bortoluzzi S., Mentasti S., Roncali J., Zaniboli, **Airoldi C**., Negroni D., F.Donato, F. Faggiano Le ricerche degli Igienisti italiani rispondono ai bisogni di salute della popolazione? Pitch at LI National Congress – Società ITaliana di Igiene (SITI), Riva del Garda, October 17-20, 2018

**Airoldi C.,** Caristia S, Stenehjem J., Contoli B.,  Barone-Adesi F. , Faggiano F., Ferrante G. Costruzione di un indicatore coerente con le raccomandazioni OMS a partire dal questionario PASE per la misurazione del livello di attività fisica nella popolazione anziana in Italia Pitch at LI National Congress – Società ITaliana di Igiene (SITI), Riva del Garda, October 17-20, 2018

**Airoldi C.,** Scotti L., Corrao G. Confronto tra caso controllo innestato, case crossover e self controlled case series per valutare l'associazione tra antidepressivi e fratture. Oral presentation at IX National Congress – Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC), Gargnano del Garda, September 13-16, 2017.

Verdecchia P., Lanati E.P., Verdini V., Corrao G., Scotti L., **Airoldi C.,** Iorio A. Persistence and discontinuation of apixaban among patients with atrial fibrillation: a retrospective analysis in five Italian districts.Poster at IX National Congress – Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC), Gargnano del Garda, September 13-16, 2017.

**Airoldi C.,** Scotti L., Corrao G. Confronto tra disegni (caso controllo innestato e self controlled case series) per valutare l'associazione tra utilizzo di antidepressivi e rischio di fratture. Oral presentation at Spring congress - Associazione Italiana Epidemiologia (AIE), Roma, June 5-6, 2017.

**Airoldi C.,** Vanoli J., Berardi F., Dairaghi M., Cammarata L.M., Antoniotti M.C., Cedron L., Magnani C., Barone-Adesi F. Uso dei farmaci oppioidi per il controllo del dolore non neoplastico: analisi banche dati amministrative della ASL di Novara. Poster at Spring congress - Associazione Italiana Epidemiologia (AIE), Roma, June 5-6, 2017.

Vanoli J., Nava C., Cena T., **Airoldi C.,** Dairaghi M., Magnani C., Barone-Adesi F.
Uso di metodi di sequence analysis per lo studio dei pattern prescrittivi in farmaco epidemiologia. Poster at Spring congress - Associazione Italiana Epidemiologia (AIE), Roma, June 5-6, 2017.

**Airoldi C.,** Vanoli J., Berardi F., Dairaghi M., Cammarata L.M., Antoniotti M.C., Cedron L., Magnani C., Barone-Adesi F. Uso dei farmaci oppioidi per il controllo del dolore non neoplastico: analisi banche dati amministrative della ASL di Novara. Poster at XXV National Seminar- Istituto Superiore di Sanità (ISS), Roma, Decemeber 12-13, 2016.

**Airoldi C.,** Ferrante D., Mirabelli D., Tunesi S., Terracini B., Magnani C. Caratteristiche socio-demografiche e cliniche dei controlli non rispondenti nell'ambito di uno studio caso controllo sul mesotelioma maligno nell'area di Casale Monferrato. Oral presentation at XL National Congress - Associazione Italiana di Epidemiologia (AIE), Torino, October 19-21, 2016.

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| **Key skylls and competence** | |
| Languages | Italian (native), English |
| Main statistical methodologies | Chi Square association, correlation, ttest (and the equivalent non parametric test), anova model, ancova model, regression model, regression model for repeated measures, sample size estimation and protocol preparation, missing value imputation, network meta-analysis, survival analysis, spatial analysis, use of administrative databases, linkage procedure |
| Reviewed Journals | International Journal of Environmental Research and Public Health, Plos one |
| Software | SAS, STATA, R, SPSS, REDCAP |
| **Wards** | Honorable mention at degree thesis for the city of San Salvatore Monferrato, June 3, 2017 |