

Curriculum vitae - Chiara Di Girolamo

Born in San Benedetto del Tronto (AP), Italian nationality

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Education

- **PhD in General Medical and Services Sciences (2015-18)** *Alma Mater Studiorum – University of Bologna, Bologna, Italy* Research on socioeconomic inequalities in mortality in the longitudinal studies of Bologna, Modena and Reggio Emilia and in other eleven European countries.
 - **MSc Epidemiology (2014-15)** *London School of Hygiene and Tropical Medicine, London, United Kingdom* Main subjects: epidemiology, medical statistics, data analysis. Final project on inequalities in short term survival from colon cancer by ethnicity in England.
 - **Specialisation in Hygiene and Preventive Medicine (2009-14)** *Alma Mater Studiorum – University of Bologna, Bologna, Italy* Training in public health, hygiene and preventive medicine, health management. Research in the field of social determinants of health, health inequalities, migration and neglected tropical diseases. Teaching in elective and compulsory courses for undergraduate medical students and adult learners. Project management and administration of national and international grants.
 - **Degree in Medicine and Surgery (2008)** *Alma Mater Studiorum – University of Bologna, Bologna, Italy*
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Professional experiences and current position

Current position:

- **Research Fellow (Ricercatrice a tempo determinate di tipo B)** *Department of Clinical and Biological Sciences, University of Turin, Turin, Italy*
- **Distance Learning Tutor MSc Epidemiology** *London School of Hygiene and Tropical Medicine, London, United Kingdom*

Past appointments:

- **Public health doctor and epidemiologist (2018-22)** *Regione Emilia-Romagna, Bologna, Italy* Planning of and participation to epidemiological studies in the fields of social epidemiology (social inequalities in mortality, consequences of COVID-19 pandemic) and epidemiology of health services (evaluation of intermediate care services). Data management of large statistical and administrative dataset (Emilia-Romagna longitudinal study, Emilia-Romagna and national health and social data) and data analysis. Writing of institutional reports and scientific articles. Liaison with local stakeholders and national and international scientific partners. Supervision and mentorship to interns.
 - **Research fellow in cancer epidemiology (2015-17)** *London School of Hygiene and Tropical Medicine, London, United Kingdom* Planning of and participation to epidemiological studies in the field of cancer epidemiology (geographic variation in stage at diagnosis in England and the role of stage and treatment in international differences in colorectal cancer survival). Teaching activities: leading practical sessions and assignment marking for the courses “Design and Analysis of Epidemiological Studies” and “Basic Epidemiology”
 - **Intern (2009)** *Permanent Mission of Italy to the United Nations Office and other International Organisations, Geneva, Switzerland* Assistant to the Italian Delegate at the World Health Organization negotiations, Members States meetings, the Executive Board of Global Fund to Fight AIDS, Malaria and Tuberculosis and UNAIDS. Drafting reports on the state of play and research on the critical issues of the negotiations
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Participation to Directive Boards of Scientific Societies and/or Institutions:

- Member of the *Comitato Tecnico Sanitario (CTS)* of the Ministry of Health
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Honors

- Fellowship (2018) awarded by the Alma Mater Studiorum – University of Bologna for a six-month research period at the Erasmus Medical Center, Rotterdam, the Netherlands
- Maccacaro Prize 2017 for young Italian Epidemiologists, Italian Association of Epidemiology
- Scholarship for thesis abroad (2008), studentship awarded by the Alma Mater Studiorum – University of Bologna for a four-month research period

at the Universidad de Buenos Aires, Buenos Aires, Argentina

Teaching activity:

- Epidemiology for prevention - Methods and risk assessment tools (academic year 2022-23) Corso di laurea in Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro, University of Turin, Turin, Italy
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Research main topics

- Social epidemiology and inequalities in health
 - Health services evaluation
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Publications

Bibliometry (2009-present) Number of peer-reviewed articles: 35 Number of citations: 378 H-Index: 12 <https://www.scopus.com/authid/detail.uri?authorId=55946126300>

- **Di Girolamo C**, Leucci AC, Sforza S, Moro ML, Berti E. Effectiveness of community hospital post-acute care on mortality, re-admission, institutionalization, and activation of a home care programme in Emilia-Romagna region, Italy. *Aging Clin Exp Res.* 2022; ahead of print.
- Ranzani OT, Kalra A, **Di Girolamo C**, Curto A, Valerio F, Halonen JI, Basagaña X, Tonne C. Urban-rural differences in hypertension prevalence in low-income and middle-income countries, 1990-2020: A systematic review and meta-analysis. *PLoS Med.* 2022;19(8):e1004079.
- **Di Girolamo C**, Gnani R, Landriscina T, Forni S, Falcone M, Calandrini E, Cesaroni G, Russo A, Leoni O, Fanizza C, Allotta A, Costa G, Spadea T; MIMICO-19 working group. Indirect impact of the COVID-19 pandemic and its containment measures on social inequalities in hospital utilisation in Italy. *J Epidemiol Community Health.* 2022;76(8):707-715.
- **Di Girolamo C**, Bartolini L, Allotta A, Cacciani L, Cernigliaro A, Di Napoli A, Gennaro N, Leoni O, Maifredi G, Rusciani R, Profili F, Silvestri C, Spadea T, Vairo F, Ventura M, Caranci N. Mortality and impact of COVID-19 by citizenship in seven Italian Regions from the beginning of the pandemic to mid-July 2021. *Epidemiol Prev.* 2022;46(4):59-69.
- Spadea T, **Di Girolamo C**, Landriscina T, Leoni O, Forni S, Colais P, Fanizza C, Allotta A, Onorati R, Gnani R; Mimico-19 working group. Indirect impact of Covid-19 on hospital care pathways in Italy. *Sci Rep.* 2021;11(1):21526.
- Dalla Zuanna T, Cacciani L, Barbieri G, Batzella E, Tona F, Ferracin E, Spadea T, **Di Girolamo C**, Caranci N, Petrelli A, Marino C, Canova C. Avoidable Hospitalization for Heart Failure Among a Cohort of 18-

to 64-Year-Old Italian Citizens and Immigrants: Results From the Italian Network for Longitudinal Metropolitan Studies. *Circ Heart Fail.* 2021;14(7):e008022

- **Di Girolamo C**, Bartolini L, Caranci N, Moro ML. Socioeconomic inequalities in overall and COVID-19 mortality during the first outbreak peak in Emilia-Romagna Region (Northern Italy). *Epidemiol Prev.* 2020;44(5-6 Suppl 2):288-296.
- **Di Girolamo C**, Caranci N, Giorgi Rossi P, Pandolfi P, Carrozzi G, Moro ML, Pacelli B [Trends in educational inequalities in premature mortality between 2001 and 2016: results from the Emilian Longitudinal Study]. *Epidemiol Prev.* 2020;44(5-6):349-358.
- Gentilini V, Bodini C, **Di Girolamo C**, Camplone I, Cavazza G, Marzaroli P, Musti MA, Perlangeli V, Pandolfi P, Pizzi L, Riccio M. An ecological study on health inequalities in the city of Bologna: bridging knowledge and action. *Epidemiol Prev.* 2020;44(5-6 Suppl 1):45-53.
- Bartolini L, Caranci N, Gnani R, **Di Girolamo C**. Educational inequalities in the prevalence and outcomes of diabetes in the Emilian Longitudinal Study. *Nutr Metab Cardiovasc Dis.* 2020;30(9):1525-1534.
- **Di Girolamo C**, Nusselder WJ, Bopp M, Brønnum-Hansen H, Costa G, Kovács K, Leinsalu M, Martikainen P, Pacelli B, Rubio Valverde J, Mackenbach JP. Progress in reducing inequalities in cardiovascular disease mortality in Europe. *Heart.* 2020;106(1):40-9.
- Petrelli A, Di Napoli A, Agabiti N, Barbieri G, Bardin A, Bargagli AM, Biggeri A, Bonvicini L, Broccoli S, Cacciani L, Canova C, Caranci N, Costa G, Dalla Zuanna T, Davoli M, **Di Girolamo C**, Ferracin E, Giorgi Rossi P, Grisotto L, Marino C, Pacelli B, Simonato L, Spadea T, Strippoli E, Zengarini N. [Immigrants' health and socioeconomic inequalities of overall population residing in Italy evaluated through the Italian network of Longitudinal Metropolitan Studies]. *Epidemiol Prev.* 2019;43(5-6):1-80.
- Benitez Majano S, **Di Girolamo C**, Rachet B, Maringe C, Guren MG, Glimelius B, Iversen LH, Schnell EA, Lundqvist K, Christensen J, Morris M, Coleman MP, Walters S. Surgical treatment and survival from colorectal cancer in Denmark, England, Norway, and Sweden: a population-based study. *Lancet Oncol.* 2019;20(1):74-87.
- **Di Girolamo C**, Walters S, Gildea C, Benitez Majano S, Rachet B, Morris M. Can we assess Cancer Waiting Time targets with cancer survival? A population-based study of individually linked data from the National Cancer Waiting Times monitoring dataset in England, 2009-2013. *PLoS One.* 2018;13:e0201288.
- **Di Girolamo C**, Walters S, Majano SB, Rachet B, Coleman MP, Njagi EN, Morris M. Characteristics of patients with missing information on stage: a population-based study of patients diagnosed with colon, lung or breast cancer in England in 2013. *BMC Cancer.* 2018;18(1):492.
- Di Mario S, Gagliotti C, Buttazzi R, Cisbani L, **Di Girolamo C**, Brambilla A, Moro ML. Observational pre-post study showed that a quality improvement project reduced paediatric antibiotic prescribing rates in pri-

mary care. *Acta Paediatrica*. 2018;107(10):1805-1809.

- Caranci N, **Di Girolamo C**, Giorgi Rossi P, Spadea T, Pacelli B, Broccoli S, Ballotari P, Costa G, Zengarini N, Agabiti N, Bargagli AM, Cacciani L, Canova C, Cestari L, Biggeri A, Grisotto L, Terni G, Costanzo G, Mirisola C, Petrelli A. Cohort profile: the Italian Network of Longitudinal Metropolitan Studies (IN-LiMeS), a multicentre cohort for socioeconomic inequalities in health monitoring. *BMJ open*. 2018;8:e020572.
- **Di Girolamo C**, Walters S, Gildea C, Benitez Majano S, Coleman MP, Rachet B, Morris M. Which patients are not included in the English Cancer Waiting Times monitoring dataset, 2009-2013? Implications for use of the data in research. *Br J Cancer*. 2018;118(5):733-737.
- Martelli G, **Di Girolamo C**, Zammarchi L, Angheben A, Morandi M, Tais S, Degani M, El Hamad I, Caligaris S, Ciannameo A, Grilli E, Urbinati L, Monteiro GB, Scarcella C, Petrosillo N, Digaetano M, Rabbi L, Bazzanini N, Cacciatore F, Marta BL, Moro ML, Bartoloni A, Viale P, Verucchi G. Seroprevalence of five neglected parasitic diseases among immigrants accessing five infectious and tropical diseases units in Italy: a cross-sectional study. *Clin Microbiol Infect*. 2017;23:335.e1-e5.
- Benitez-Majano S, Fowler H, Maringe C, **Di Girolamo C**, Rachet B. Deriving stage at diagnosis from multiple population-based sources: colorectal and lung cancer in England. *Br J Cancer*. 2016;115(3):391-400.
- Pacelli B, Zengarini N, Broccoli S, Caranci N, Spadea T, **Di Girolamo C**, Cacciani L, Petrelli A, Ballotari P, Cestari L, Grisotto L, Giorgi Rossi P. Differences in mortality by immigrant status in Italy. Results of the Italian Network of Longitudinal Metropolitan Studies. *Eur J Epidemiol*. 2016;31(7):691-701.
- **Di Girolamo C**, Martelli G, Ciannameo A, Vocale C, Fini M, Stefanini A, Landini MP, Viale P, Verucchi G. Chagas Disease in a Non-endemic Country: A Multidisciplinary Research, Bologna, Italy. *J Immigr Minor Health*. 2016;18(3):616-623.
- **Di Girolamo C**, Bodini C, Marta BL, Ciannameo A, Cacciatore F. Chagas disease at the crossroad of international migration and public health policies: why a national screening might not be enough. *Euro Surveill*. 2011;16(37):19965.

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