

PERSONAL INFORMATION



Maria Chironna

University of Bari Aldo Moro
Department of Interdisciplinary Medicine
AOUC Policlinico Bari, Piazza G. Cesare 11, 70124 Bari, Italy

+39 0805592328 +39 3383622623

maria.chironna@uniba.it

<https://orcid.org/0000-0002-1043-1256>

Sex Female | Date of birth 25/11/1965 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

- 2021-Present **Full Professor of Hygiene and Public Health**
▪ Department of Interdisciplinary Medicine, School of Medicine and Surgery of the University of Bari, Italy
- 2013-2021 **Associate Professor of Hygiene and Public Health**
▪ Department of Biomedical Science and Human Oncology-Hygiene Section, School of Medicine and Surgery of the University of Bari, Italy
- 2020-Present **Coordinator of Apulian Regional Laboratories of SARS-CoV-2**
▪ Apulia region, Puglia, Italy
- 2013-Present **Head of the Laboratory of Molecular Epidemiology and Public Health of the Hygiene Unit**
▪ AOUC Policlinico Hospital, Piazza G. Cesare 11, Bari, Italy
- 2020-Present **Head of the COVID-19 Laboratory**
▪ AOUC Policlinico Hospital, Piazza G. Cesare 11, Bari, Italy
- 2013-Present **Responsible for the outpatient service "HIV counseling and screening" Hygiene Unit**
▪ AOUC Policlinico Hospital, Piazza G. Cesare 11, Bari, Italy
- 2000-2012 **Research Associate of Hygiene and Public Health-Institute of Hygiene, University of Bari**

EDUCATION AND TRAINING

- 2011 II level Master in "Telematic teaching applied to the health sciences and ICT in Medicine". Faculty of Medicine and Surgery - University of Bari
- 2004 Advanced Course in "Molecular Biology in Public Health" at the Catholic University of the Sacred Heart in Rome, Italy
- 1995-1998 Specialization in Clinical Pathology at the Faculty of Medicine and Surgery of the University of Bari, Italy
- 1995 Ph.D. in Infectious Sciences – University La Sapienza of Rome, Italy
- 1994 Epidemiology and Statistics – Istituto Superior di Sanità of Rome, Italy
- 1990 Graduation in Biological Sciences - University of Bari, Italy

WORK ACTIVITIES

Awards

- 2021 ■ Italian award “Paladini italiani della salute” for the research: Loconsole D, Sallustio A, Accogli M, Leaci A, Sanguedolce A, Parisi A, **Chironna M**. Investigation of an outbreak of symptomatic SARS-CoV-2 VOC 202012/01-lineage B.1.1.7 infection in healthcare workers, Italy. Clin Microbiol Infect. 2021 Aug;27(8):1174.e1-1174.e4. doi: 10.1016/j.cmi.2021.05.007. Epub 2021 May 10. PMID: 33984489; PMCID: PMC8107058
- 2015 ■ Best congressional contribution at 48° National Congress of the Italian Society of Hygiene and Preventive Medicine, Milan 14-17 October 2015, for the research: **Chironna M**, Loconsole D, De Robertis AL, Morea A, Quarto M, “Cluster familiare di polmonite acquisita in comunità (CAP) da Mycoplasma pneumoniae resistente ai macrolidi in Italia”
- 2000 ■ Career award “Bruno Angelillo” -Italian Society of Hygiene and Public Health (S.It.I.)

Editorial activity

- Member of the Editorial Board of the
 - International Journal of Environmental Research and Public Health
 - Annals of Public Health & Epidemiology
 - Archives of Hepatitis Research
 - Journal of Hepatology Research
 - Clinical Infection & Immunity
 - Hygiene
 - Pediatric Reports
 - Infectious Disease Reports

Invited presentations

- Children 2021 Congress. Hybrid ECM event. "Covid19 pandemic: what impact on vaccination strategies and coverage in childhood? Bari, 10-11 September 2021
- Webinar FAD "Interregional comparison on new routes and restart of vaccination in pregnancy" 18 June 2021
- SANITANOVA "Beyond COVID towards New Normal Health: state of the art and perspectives in the Puglia Region for health governance". SMART webinar 10 June 2021
- Italian Congress of Pediatrics "Pediatria die in puero homo". The pandemic: the regional reality. 25 May 2021
- Event "COPD exacerbated: diagnosis, therapy and prevention". Efficacy of vaccine prophylaxis. Bari, 5 February 2021
- Webinar. The experience of the pandemic from SARS-cov-2 and the new clinical-epidemiological scenarios. The risk of infection in hospital facilities and emerging and re-emerging infections. "Epidemiology and epidemiological surveillance: the experience during the COVID-19 epidemic. Istituto Tumori Giovanni Paolo II IRCCS-Bari. 11 December 2020.
- Webinar Workshop. National HIV/AIDS surveillance, towards the construction of a single computerized platform. AIDS Operations Center, Infectious Disease Department, Higher Institute of Health. Round Table-The Point of View of the Regional HIV Surveillance Referents: Maria Chironna-Puglia (University of Bari). 9 December 2020.
- Webinar 13 National Congress of Pediatrics Medieterranea. "Outpost Covid-19". October 2, 2020.

- Grants**
- 2021-2022 ■ COVIDRIVE 2021/2022 “BRAND-SPECIFIC COVID-19 VACCINE EFFECTIVENESS AGAINST SEVERE COVID-19 DISEASE IN ITALY” Funding from P95 CVBA, Leuven, Belgium, company number (KBO) 0837.102.179. National Coordinator: CIRI-IT Genova (50.000 euro)
 - 2018-2022 ■ DRIVE 2019-2022 “CASE CONTROL STUDY TO MEASURE TYPE/BRAND-SPECIFIC SEASONAL INFLUENZA VACCINE EFFECTIVENESS IN PREVENTIVE HOSPITALIZATIONS FOR LABORATORY-CONFIRMED INFLUENZA IN ITALY, SEASON 2020-2021”. CALL FOR TENDERS OF DEVELOPMENT OF ROBUST AND INNOVATIVE VACCINE EFFECTIVENESS (DRIVE). Funding from FISABIO (FUNDACIÓN PARA EL FOMENTO DE INVESTIGACIÓN SANITARIA Y BIOMÉDICA DE LA COMUNITAT VALENCIANA). National Coordinator: CIRI-IT Genova (140.000 euro).
 - 2019-2022 ■ RSV ComNet - “PILOT STUDY TO ASSESS THE BURDEN OF RESPIRATORY SYNCYTIAL VIRUS IN THE COMMUNITY”. Promoted and funded by Netherlands Institute for Health Services Research (Nivel) Utrecht, the Netherlands. Funding from Sanofi Pasteur. National Coordinator: Istituto di Ricovero e Cura a Carattere Scientifico (IRCSS) Ospedale Pediatrico Bambin Gesù – Roma (75.000 euro).
 - 2015-2018 ■ I-MOVE+, STUDY TO ESTIMATE THE VACCINE EFFICACY IN THE FIELD OF THE FLU VACCINE IN PREVENTING SEVERE ACUTE RESPIRATORY SYNDROMES FROM INFLUENZA CONFIRMED IN ULTRA-65-YEAR-OLD HOSPITALIZED SUBJECTS-SEASONS 2015-2016, 2016-2017, 2017-2018" (three-year project). Funded by the Higher Institute of Health. Years 2015-2017 (90.000 euro)
 - 2014-2017 ■ I-MOVE, STUDY TO ESTIMATE THE VACCINE EFFICACY IN THE FIELD OF THE FLU VACCINES (90.000 euro)

PERSONAL SKILLS

- Mother tongue(s) Italian
- Other language(s) English
Understanding (Listening: C1, Reading C1) – Speaking (Spoken interaction: C1; Spoken production: C1) – Writing (C1)

ADDITIONAL INFORMATION

Statement of Research Interests

Surveillance, epidemiology, diagnostics, and prevention of infectious diseases with particular regard to molecular epidemiology. Major topics of research activity:

- SARS-CoV-2 infection and COVID-19
- human retrovirus infections (HIV-1/2, HTLV-I/II)
- viral hepatitis (HAV, HEV, HBV, HCV, HDV)
- food-borne diseases
- enteric transmitted infections (Norovirus, Rotavirus, Adenovirus, Astrovirus, etc.)
- respiratory pathogens infections
- seasonal human influenza viruses, and viruses of avian origin comprising those with a pandemic potential (H1N1pdm09, H5N1, H7N9, etc.)
- RSV (respiratory syncytial virus)
- Measles and Rubella
- Arbovirus infections with particular reference to viruses with epidemic potential (Dengue, West Nile, Chikungunya, and Zika)

Effectiveness of vaccines; Communication on vaccines and vaccinations.

Publications Total number of publications in peer-review journals: 182
 Total Impact Factor (IF=890,45) (average IF/paper): 4,924
 Total number of citations: 2980
 H index (Scopus): 30

- Loconsole D, Bisceglia L, Centrone F, Sallustio A, Accogli M, Dalfino L, Brienza, N, **Chironna M.** Autochthonous Outbreak of SARS-CoV-2 Omicron Variant in Booster-Vaccinated (3 Doses) Healthcare Workers in Southern Italy: Just the Tip of the Iceberg? *Vaccines* 2022, 10, 283. <https://doi.org/10.3390/vaccines10020283>.
- Loconsole D, Centrone F, Morcavallo C, Campanella S, Accogli M, Sallustio A, Peccarisi D, Stufano A, Lovreglio P, **Chironna M.** Changing Features of COVID-19: Characteristics of Infections with the SARS-CoV-2 Delta (B.1.617.2) and Alpha (B.1.1.7) Variants in Southern Italy. *Vaccines* (Basel). 2021 Nov 18;9(11):1354. doi: 10.3390/vaccines9111354. PMID: 34835285; PMCID: PMC8624869.
- van Summeren JJGT, Rizzo C, Hooiveld M, Korevaar JC, Hendriksen JMT, Dückers MLA, Loconsole D, **Chironna M,** Bangert M, Demont C, Meijer A, Caini S, Pandolfi E, Paget J. Evaluation of a standardised protocol to measure the disease burden of respiratory syncytial virus infection in young children in primary care. *BMC Infect Dis* 21, 705 (2021). <https://doi.org/10.1186/s12879-021-06397-w>.
- Loconsole D, Sallustio A, Accogli M, Centrone F, Casulli D, Madaro A, Tedeschi E, Parisi A, **Chironna M.** Symptomatic SARS-CoV-2 Reinfection in a Healthy Healthcare Worker in Italy Confirmed by Whole-Genome Sequencing. *Viruses*. 2021 May 12;13(5):899. doi: 10.3390/v13050899. PMID: 34066205; PMCID: PMC8150928.
- Loconsole D, Sallustio A, Accogli M, Leaci A, Sanguedolce A, Parisi A, **Chironna M.** Investigation of an outbreak of symptomatic SARS-CoV-2 VOC 202012/01-lineage B.1.1.7 infection in healthcare workers, Italy. *Clin Microbiol Infect*. 2021 May 10;27(8):1174.e1–4. doi: 10.1016/j.cmi.2021.05.007. Epub ahead of print. PMID: 33984489; PMCID: PMC8107058.
- Loconsole D, Centrone F, Morcavallo C, Campanella S, Sallustio A, Quarto M, Procacci V, **Chironna M.** The Light and Shadow of Rapid Serological Tests for SARS-CoV-2 Infection: Results from a Study in a Large Emergency Department. *Int J Environ Res Public Health*. 2020 Sep 7;17(18):6493. doi: 10.3390/ijerph17186493. PMID: 32906596; PMCID: PMC7558531.
- Loconsole D, De Robertis AL, Morea A, Casulli D, Mallamaci R, Baldacci S, Centrone F, Bruno V, Quarto M, Accogli M, **Chironna M.** High Public-Health Impact in an Influenza-B-Mismatch Season in Southern Italy, 2017-2018. *Biomed Res Int*. 2019 Aug 20;2019:4643260. doi: 10.1155/2019/4643260. PMID: 31531353; PMCID: PMC6720359.
- De Grazia S, Lanave G, Giammanco GM, Medici MC, De Conto F, Tummolo F, Calderaro A, Bonura F, Urone N, Morea A, Loconsole D, Catella C, Marinaro M, Parisi A, Martella V, **Chironna M.** Sentinel hospital-based surveillance for norovirus infection in children with gastroenteritis between 2015 and 2016 in Italy. *PLoS One*. 2018 Dec 14;13(12):e0208184. doi: 10.1371/journal.pone.0208184. PMID: 30550600; PMCID: PMC6294371.
- Loconsole D, Metallo A, De Robertis AL, Morea A, Quarto M, **Chironna M.** Seroprevalence of Dengue Virus, West Nile Virus, Chikungunya Virus, and Zika Virus in International Travelers Attending a Travel and Migration Center in 2015-2017, Southern Italy. *Vector Borne Zoonotic Dis*. 2018 Jun;18(6):331-334. doi: 10.1089/vbz.2017.2260. Epub 2018 Apr 23. PMID: 29683399; PMCID: PMC5985901.
- Montano-Remacha C, Ricotta L, Alfonsi V, Bella A, Tosti M, Ciccaglione A, Bruni R, Taffon S, Equestre M, Losio M, Carraro V, Franchini S, Natter B, Augschiller M, Foppa A, Gualanduzzi C, Massimiliani E, Finarelli A, Borrini B, Gallo T, Cozza V, **Chironna M,** Prato R, Rizzo C; Central Task Force on Hepatitis. Hepatitis A outbreak in Italy, 2013: a matched case-control study. *Euro Surveill*. 2014 Sep 18;19(37):20906. PMID: 25259533.

Bari, 21 April 2022

