




PIETRO CORONA

Nationality: Italian **Date of birth:** 26/04/1989 **Place of birth:** CAGLIARI, Italy

WORK EXPERIENCE

 *Regional Epidemiological Observatory - Department of Hygiene, Health, and Social Welfare - Cagliari, Italy*

Part-time collaboration (12 hours/week) – Contract Ref. ARES 3613, dated 21/12/2023

Epidemiologist

[01/05/2024 – Present]

Main Responsibilities:

Data analysis and epidemiological evaluation of Emergency Department visits due to road and domestic accidents (PRP Action PP5), using STATA.

Technical support for the development of the regional infectious disease surveillance system in application cooperation with PREMAL (PRP Action PL11)

 *Local Health Authority (ASL) of Cagliari - Cagliari, Italy*

Type: Full-time permanent contract (36 hours/week), Category D

Public Health Assistant

[01/06/2020 – Present]

Main Responsibilities:

Epidemiological data analysis related to the COVID-19 emergency; staff coordination for contact tracing assignments; management of information flows and applications for case registration; reporting and development of COVID-related information systems.

Oversight and validation of vaccination data flows, user and reporting management; support for COVID-19 vaccination campaigns in residential facilities; outpatient vaccination activities and drug inventory management.

Management of the Regional Mortality Registry; cause-of-death coding and mortality data analysis.

Appointed regional SARS-CoV-2 surveillance officer for Sardinia (DG Health – Epidemiological Observatory, NP2023/22618; confirmed in 2024 with ref. PG/2024/0045648).

Member of the Regional Influenza Pandemic Plan working group (Ref. 576 dated 30/05/2023).

Appointed coordinator for surveillance systems, mortality registry, cancer registry, and infectious disease monitoring (from 10/10/2023, ref. NP/2023/0004868).

Corporate delegate for the waste tracking system and digital document management (Rentri) for the Department of Hygiene and Public Health.

Risk management facilitator and member of the regional network for clinical risk and healthcare-associated infections (since 01/12/2023).

Scientific director of the corporate program on improving infectious disease surveillance systems (ASL Cagliari, Ref. 513 dated 30/07/2024).

Member of the Regional PL11 Working Group of the PRP (Ref. ASL Cagliari n.871, 20/12/2024).

 *Local Health Authority (AUSL) of Parma - Parma, Italy*

Type: Full-time permanent contract (36 hours/week), Category D

Public Health Assistant

[19/04/2017 – 31/05/2020]

Main Responsibilities:

Vaccination activities, tuberculosis screening, school-based infectious disease surveillance, counseling.

Clinic management, pharmacovigilance, and Superuser access to OnVac.

Institutional representative for the development of the electronic vaccination registry (Onit system) and co-designer of the compliance detection algorithm for mandatory vaccinations.

Health indicator analysis, vaccination coverage monitoring, AVR flow validation (Emilia-Romagna), report production, and planning.

COVID-19 contact tracing and surveillance; support in developing emergency information systems for TNF booking and case management.

 **ORIENTA S.p.A. – Firenze, Italy**

Public Health Assistant (temporary contract)

[01/03/2016 – 30/04/2016]

Main Responsibilities:

Extraordinary meningococcal vaccination campaign, counseling, clinic management, data entry in the Caribel application. Participation in an epidemiological study on asymptomatic carriers of meningococcus C.

 **University of Cagliari - Cagliari, Italy**

Position: Adjunct University Lecturer

[2024 – Present]

Courses Taught:

“Methods and Tools for Healthcare Evaluation”, MEDS-24/A (MED/01), 12 hours, MSc in Nursing and Midwifery Sciences, 1st semester, 1st year

“Advanced Methods of Community Prevention”, MEDS-26/B (MED/50), 12 hours, MSc in Health Professions of Prevention Sciences, 2nd semester, 2nd year

Coordinator of the integrated course “Health Policies” and Lecturer in “Public Health Laboratory”, MEDS-26/B (MED/50), 18 hours, MSc in Health Professions of Prevention Sciences, 2nd semester, 2nd year

EDUCATION AND TRAINING

Second-Level Master’s Degree in Epidemiological Methodology and Biostatistics for Clinical Research (MEBRIC)

University of Milano-Bicocca - Milan, Italy

Date: 29/04/2020 – EQF Level 8

Thesis: Cohort study on populations exposed to emissions from the Parma Integrated Environmental Hub incinerator.

Key topics:

Advanced training in the design of epidemiological studies and statistical data analysis using R software.

Project work: assessment of health risks associated with airborne particulate emissions; development of a predictive model for environmental health risk..

Master's Degree in Health Professions of Prevention Sciences

University of Cagliari - Faculty of Medicine - Cagliari, Italy

Date: 10/07/2018 – EQF Level 7 – Final Grade: 110/110 cum laude

Thesis: Analysis plan for a pediatric vaccination service; evaluation of the impact of new regulatory provisions.

Focus:

Management and leadership training in public health with emphasis on health promotion, healthcare management, planning, project design and evaluation.

Internships:

Nov 2016 – Apr 2017: Regional Health Department – Service for Quality and Clinical Governance (PNE indicators, volume/outcome analysis, CedAP project work, birth points conference)

Public Health Department: development of training course for the Regional Prevention Plan (**PRP**)

Bachelor's Degree in Health Assistance (Licensed Public Health Assistant Qualification)

University of Cagliari - Faculty of Medicine - Cagliari, Italy

Date: 13/10/2015 – EQF Level 6 – Final Grade: 110/110 cum laude

Thesis: Performance analysis of hospitals involved in the merger process through a simulation-based approach.

Subjects studied:

Health promotion, primary and secondary prevention, epidemiology, medical statistics, health education, occupational medicine, psychology, health legislation.

Internships (2013–2015):

Hospital Health Directorates (Binaghi, SS. Trinità, Brotzu, Marino): hygiene and infection risk prevention

Services: Health Promotion, Legal Medicine, SPSAL, SISP, Family Counseling, URP, Quality Assessment, Diabetology

Thesis Internship (Apr–Sep 2015):

Regional Health Department: SDO, SAM, EMUR, CEDAP data analysis with Stata; performance evaluation; participation in research activities on multiple sclerosis; Technical Panel on hospitalization monitoring (DGR 67/16, 29.12.2015)

High School Diploma in Social Sciences

Liceo G. Brotzu - Quartu Sant'Elena, Italy

Date: 07/2009 – Final Grade: 100/100

LANGUAGE SKILLS

Mother tongue: italiano

Other languages:

English

Listening B1 **Reading** B2 **Writing** B1

Spoken interaction B1 **Spoken production** B1

SKILLS AND COMPETENCES

Professional Competences

Solid experience in epidemiological surveillance and management of healthcare information flows (COVID-19, mortality, vaccination, causes of death, infectious diseases, PRP).
Expertise in biostatistical analysis, public health intervention assessment, clinical risk management, and quality of care.
Skilled in designing and implementing monitoring and evaluation systems (audits, performance measurement, health information systems).

Social and Interpersonal Skills

Good communication skills, professional empathy, and collaborative leadership attitude.
Experienced in leading multidisciplinary teams and delivering academic and continuing education.
Strong critical thinking and continuous improvement mindset; oriented toward evidence-based and efficient practices.

Organizational Skills

Experience in coordinating complex operational activities at corporate and regional level.
Strong ability to work independently and to plan activities in high-pressure contexts (e.g., COVID-19 pandemic).
Active involvement in drafting and managing regional scientific, regulatory, and training projects.

Digital and IT Skills

Excellent command of Microsoft Office Suite (Word, Excel, PowerPoint, Access).
Advanced proficiency in statistical software (R, STATA, SAS, SPSS) and complex data processing.
Skilled in the use of healthcare information systems (NSIS, OnVac, Caribel, ISTAT, SDO, EMUR, CEDAP, regional flows).
Capable of designing digital tools for healthcare data management and analysis.

CONFERENCES AND TRAINING COURSES

2025

23 May – V National Congress of the Infectious Disease Network (SIFACT) — “One Health, Big Data and AI: innovations in combating antimicrobial resistance” — Centro Congressi Internazionale Srl (4.2 CME credits)
17 Apr – Artificial Intelligence at the Service of Health: Opportunities and Risks — MotusAnimi (e-learning, 50 h / 50 CME)
26 Feb – Waste Management and R.E.N.T.R.I. — IPSOA (remote training)

2024

11–12 Dec – Introduction to Artificial Intelligence for Healthcare Professionals — ISS (EDUISS e-learning) (16 h / 16 CME)
10–11 Jul – Smart Navigation on PubMed (2nd ed.) — ISS (EDUISS e-learning) (16 h / 16 CME)
13 Feb – 11 Jul – Care and Life Projects in the Community: The Budget of Health (2nd ed.) — ISS (EDUISS e-learning) (32 h / 32 CME)
3–5 Jul – Towards Public Health Intelligence: Digital Surveillance Supporting Infectious Disease Monitoring (2nd ed.) — ISS (EDUISS e-learning) (16 h / 16 CME)
6–9 May – Comparative Outcome Evaluation: Epidemiological Methods for Comparing Interventions, Hospitals, and Populations — ISS (in person) (24.4 CME)
18–22 Mar – Basic Epidemiology: Principles and Methods — ISS (in person) (31.2 CME)

2023

23 Nov – 5 Dec – Long COVID: A New Clinical Scenario — ISS (EDUISS e-learning) (16 h / 20.8 CME)
16 Nov – 1 Dec – Risk Management and ICA Network Course — ARES Sardegna (56 h / 50 CME)
13–14 Nov – AI & Epidemiology: The Contribution of Artificial Intelligence — ISS & AIE (classroom)
24 Oct – Update on Infectious Diseases: Tuberculosis — ASL Cagliari / ARES Sardegna (2.8 CME)
11 Aug – Cause of Death Coding Oriented to the IRIS System — ZADIG SRL (e-learning) (15 h / 15 CME)
31 Jul – 8 Aug – Use of Pandemic & Epidemic Intelligence Systems — ISS G20 (international e-learning) (16 h)
22–29 Jun – Hand Hygiene for Infection Prevention — ISS (EDUISS e-learning) (4 h / 4 CME)
7 Mar – EWARS in a Box: Electronic Early Warning... — WHO OpenWHO

2022

11 Jun – Speaker at S.It.I. Sardegna Congress: “Management and Organization of Contact Tracing – The Experience of SISP Cagliari and Future Perspectives”
26–28 Oct – Regional Course on ICD-10 – Advanced Course (3rd ed.) — ARES Sardegna (21 h / 25 CME)
27–29 Sep – Regional Course on ICD-10 – Basic Course (3rd ed.) — ARES Sardegna (21 h / 25 CME)
27–28 Jul – Towards Public Health Intelligence (1st ed.) — ISS (EDUISS e-learning) (16 h / 16 CME)
22 Feb – Epidemic Intelligence e-learning course — ECDC Virtual Academy
22 Feb – Rapid Risk Assessment e-learning course — ECDC Virtual Academy

2019–2017

(Selection of relevant courses — full list available upon request)

Courses on meningococcal disease, Gelli Law and liability, early TB diagnosis, influenza vaccination in healthcare workers, pediatric diabetes, and infection prevention

Training in BLS/D, emergency trolleys, HPV vaccination, health communication, and clinical audit

Participation in national and regional conferences (HPH & HS Rome, regional healthcare reform, etc.)

ADDITIONAL INFORMATION

Altro

Member of Mensa Italy

Winner of ASNAS Tuscany Award 2016 (best article on meningitis)

Participant in the course "Eccellenze in Digitale" (Google + IAB Europe, 2016)

Former President of the Student Association "Health Professions"

I authorize the processing of my personal data pursuant to Article 13 of Legislative Decree 196/2003 and Article 13 of GDPR 679/16.