



Francesco Andrea Causio

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● EDUCATION AND TRAINING

1 NOV 2023 – CURRENT Rome, Italy

PHD IN BASIC BIOMEDICAL SCIENCES AND PUBLIC HEALTH Università Cattolica del Sacro Cuore

Website www.unicatt.it

26 JAN 2021 – CURRENT Rome, Italy

RESIDENT MEDICAL OFFICER IN HYGIENE AND PREVENTIVE MEDICINE Università Cattolica del Sacro Cuore

1. Technical tasks in European projects on public health, digital health, personalized medicine. (see dedicated section)
2. In-hospital activities [Fondazione Policlinico Gemelli](#) (medical direction: information flow tracking and adoption of digitized medical record); [Ospedale Fatebenefratelli Isola Tiberina - Gemelli Isola](#) (hospital management: alignment with European standards for data creation, labeling, and exchange; hospital procedures for urgent care and emergency).

23 MAR 2020 – CURRENT

LICENSE TO PRACTICE MEDICINE IN ITALY (MEDICAL BOARD NUMBER OMCEO BA 16660)

1 MAR 2023 – 31 OCT 2023 Rome, Italy

POSTGRADUATE DIPLOMA IN EPIDEMIOLOGY AND BIostatISTICS Università Cattolica del Sacro Cuore

6 OCT 2013 – 23 JUL 2019 Roma, Italy

MASTER'S DEGREE IN MEDICINE AND SURGERY Università Cattolica del Sacro Cuore

Graduated with honours, defending a thesis on Public Health and Preventive Medicine

Level in EQF EQF level 6

18 MAR 2022 – 19 NOV 2022 Rome, Italy

COMMUNITY HOSPITAL MEDICAL DIRECTION - GRADUATE COURSE Università Cattolica del Sacro Cuore

26 FEB 2020 – 21 NOV 2020

LEADERSHIP IN MEDICINE - GRADUATE COURSE Università Cattolica del Sacro Cuore

Education on leadership practices with a peculiar focus on the field of medicine: public speaking, smart leadership and medical pathway analysis.

19 OCT 2022 – 19 FEB 2023 Rome, Italy

VISITING RESIDENT Italian National Health Institute and Italian Ministry of Health

Support in the Joint Action on Cancer and NCDs - preventive action on health determinants. Focus on personalized prevention and digital technologies.

Technical consultancy on the creation of a National Health Prevention Hub. Confrontation with the consultancy firm Intellera/PwC.

● **FELLOWSHIPS AND INTERNATIONAL EXCHANGE PROGRAMS**

1 SEP 2023 – CURRENT

Young Innovators Club - World Health Organization

Lectures and consultancy on innovative health approaches, digital health and artificial intelligence in healthcare.

13 MAY 2023 – 14 JUN 2023

Visiting scholar at University Medical Center Amsterdam - UMC

Main subject / occupational skills covered :

Research on citizens' attitudes towards health data sharing and personalized medicine. Statistical analysis and policy mapping on the results of a survey investigating these topics. The results will be included in a deliverable to be shared with the European Commission and a policy brief.

24 FEB 2022 – 27 APR 2022

Visiting scholar at Thomas Jefferson University College of Population Health TJUCPH, Philadelphia

Main subject / occupational skills covered :

Research on social determinants of health and digital inclusion in disadvantaged populations.

Lecture on *Big Data & ICT Solutions in EU & China: A Comparative Analysis of Policies in Personalized Medicine*

28 FEB 2020 – 31 MAY 2020

Intern at Amsterdam Institute for Global Health and Development AIGHD (remote)

Systematic review on the effects of interventions in mothers and their effect on neuro-development in their children

30 SEP 2017 – 30 JUL 2018

Erasmus Student at Charité Universitätsmedizin (Faculty of Medicine and Surgery), Berlin

● **WORK EXPERIENCE**

1 MAR 2023 – CURRENT Rome, Italy

RESEARCHER BRAND-NEW HEALTH FOUNDATION

Project manager in digital health and AI projects

23 NOV 2020 – CURRENT Rome, Italy

COURSE COORDINATOR OF THE "LEADERSHIP IN MEDICINE" COURSE UNIVERSITÀ CATTOLICA DEL SACRO CUORE

Providing personalized guidance to students to meet their unique learning needs and challenges. Effectively collaborate with both students and faculty members to facilitate a productive educational experience.

14 MAY 2021 – 24 FEB 2022 Rome, Italy

VACCINATION DOCTOR GEMELLI HOSPITAL

Patient evaluation. Vaccine administration. Organization of related processes and methodology.

6 AUG 2019 – 24 JAN 2021 Bari, Italy

MEDICAL DOCTOR CENTRO MEDICO SAN LUCA

● PROJECTS

1 DEC 2022 – CURRENT

DigitAI lifelong pREvention (DARE)

DARE involves a wide community of partners and stakeholders, including universities, research centers, research hospitals, local health authorities, foundations, and private companies. The initiative aims to create and develop a connected and distributed knowledge community that fosters the emergence of models and solutions for surveillance, prevention, health promotion, and healthcare safety in the general population and special populations. The goal is to harness the potential offered by digital technologies, contributing to bridging social and territorial disparities in the provision of integrated health and social services.

1 NOV 2022 – CURRENT

Genomic Data Infrastructure (GDI)

The Genomic Data Infrastructure (GDI) project is enabling access to genomic and related phenotypic and clinical data across Europe. It is doing this by establishing a federated, sustainable and secure infrastructure to access the data. It builds on the outputs of the Beyond 1 Million Genomes (B1MG) project and is realising the ambition of the 1+Million Genomes (1+MG) initiative.

1 JAN 2020 – CURRENT

Integrating China in the International Consortium for Personalised Medicine (IC2PerMed)

Integrating China in the International Consortium for Personalised Medicine (IC2PerMed) project aims to support EU-China collaboration over the developments of Personalised Medicine research, innovations and policies through the ICPeMed initiative, providing people with access to personalised, smart and inclusive healthcare solutions in the near future.

1 JAN 2019 – CURRENT

European network staff eXchange for integrAting precision health in the health Care sysTems (ExACT)

The “European network staff eXchange for integrAting precision health in the health Care sysTems” consortium (ExACT), is aimed at building a community of academic and non-academic institutions that generates high quality, multidisciplinary collaboration by exchanging knowledge in research and training activities on precision health.

1 JAN 2018 – 31 DEC 2022

Beyond 1 Million Genomes (B1MG)

The Beyond 1 Million Genomes (B1MG) project is helping to create a network of genetic and clinical data across Europe. The project provides coordination and support to the 1+ Million Genomes Initiative (1+MG). This initiative is a commitment of 24 EU countries, the UK and Norway to give cross-border access to one million sequenced genomes by 2022.

1 OCT 2022 – CURRENT

PartnERship to Contrast HPV (PERCH)

The General Objective of PERCH (PartnERship to Contrast HPV) is to contribute to the implementation of Europe’s Beating Cancer Plan, which aims to support Member States’ efforts to extend the roll-out of routine HPV vaccination to eliminate cervical cancer and other cancers caused by HPV in the coming decade. PERCH starts from the analysis of the context with respect to how HPV vaccination and HPV screening are implemented and monitored in all participating countries; determinants of vaccination hesitation will then be analysed in order to increase knowledge and awareness, to target population on the benefits of the vaccine up-take; training activities will also be provided for health personnel on vaccination communication and finally before the end of the Joint Action (JA), MSs will be supported to launch large-scale human papillomavirus vaccination campaigns.

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
GERMAN	C1	C1	C1	C1	C1
SPANISH	B2	B2	B2	B2	B2
FRENCH	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● NETWORKS AND MEMBERSHIPS

22 NOV 2023 – CURRENT

WHO EVID-Action Youth Alcohol Network

Setting up a strategy to fight alcohol addiction under a public health perspective, using digital tools including social media and AI prediction tools.

Link [https://www.who.int/europe/news-room/events/item/2023/11/22/default-calendar/youth-voices-in-alcohol-policy--launch-of-the-who-eu-evidence-into-action-alcohol-project-\(evid-action\)-youth-alcohol-network](https://www.who.int/europe/news-room/events/item/2023/11/22/default-calendar/youth-voices-in-alcohol-policy--launch-of-the-who-eu-evidence-into-action-alcohol-project-(evid-action)-youth-alcohol-network)

1 MAY 2023 – CURRENT

Young World Federation of Public Health Associations - Operations and Project Officer

My role at Young WFPHA is coordinating ongoing projects and catalyzing existing resources into opportunities for personal development to young public health professionals globally. Current activities include:

- Digital literacy and health literacy as determinants of health: proposal to open a call for papers with the journal Infodemiology, with University of San Diego;
- Survey on young public health professionals' views and needs;
- Young WFPHA position paper on public health professionals' role in the future of public health;
- Participation in activities of the Climate X Health Initiative

Società Italiana Intelligenza Artificiale in Medicina - SIIAM

Italian Society for Artificial Intelligence in Medicine
Co-founder, Vicepresident.
<https://www.siiam.it/>

11 FEB 2024 – CURRENT

European Commission Expert

1 SEP 2020 – CURRENT

European Institute of Technology - EIT

EIT Alumni Nodes
EIT Health Innovators Community

1 APR 2023 – CURRENT

Global Burden of Disease Collaborator Network

1 JUN 2023 – CURRENT

Coalition for Independent Technology Research

10 JAN 2021 – CURRENT

European Public Health Association EUPHA

Fondazione Talento all'Opera

24 MAR 2020 – CURRENT

Segretariato Italiano Giovani Medici SIGM

10 JAN 2021 – CURRENT

Società Italiana di Igiene - Italian Hygiene Society

28 FEB 2021 – CURRENT

Visionari.org

Non-profit association spreading scientific knowledge through social networks, Youtube, podcasts.

● PUBLICATIONS

Bibliometric indicators

Publications on Medline-indexed journals: 21

H-index (Scopus): 7

H-index (Google Scholar): 7

Citations (Scopus): 139

Citations (Google Scholar): 166

2022

Chirurgia: Basi teoriche e chirurgia generale-Chirurgia specialistica vol.1-2

I collaborated in writing the chapter "*Cancer epidemiology and prevention*".

ISBN: 8821454355

2022

[GLOBAL DIGITAL HEALTH PARTNERSHIP SURVEY ON DIGITAL HEALTH DEVELOPMENT - GDHP White Paper on Evidence and Evaluation](#)

2023

Manuale di Igiene, Statistica ed Epidemiologia Decima edizione - Concorso Nazionale SSM 2024

Publisher: Accademia Italiana Medici Specializzandi

2023

Analisi dei modelli organizzativi di risposta al Covid-19 in Italia

Co-author on Chapters 5 (Diagnostic tests) and 6 (the virus' variants)

ISBN/EAN 979-12-211-5171-8

Deliverable 2.2 Position papers for the 6 challenges on which WGs are focused. WP2 – Knowledge synthesis on the identification, transferability and scaling up of international standards in Personalised Medicine.

2024

[Manuale per navigare la complessità nell'ospedale del futuro](#)

● HONOURS AND AWARDS

1 DEC 2020

Premio Seasonal School Sant'Anna – Fondazione Talento all'Opera

I was awarded a money prize for attending a course with outstanding results at Scuola Superiore Sant'Anna

Ferenc Bojan Prize – EUPHA

My abstract on "Vaccination coverage trends in European Union from 1980 to 2020: A joinpoint Regression Analysis" for the European Public Health Conference 2022 was ranked among the 5 receiving the highest score.

● **VOLUNTEERING**

1 OCT 2019 – 31 DEC 2020 Bari

Erasmus Student Network - Head of Organization

AUG 2015 – SEP 2015

Expo 2015 Volunteer

1 FEB 2015 – 31 MAY 2015 Rome

Gemelli Hospital Volunteer

● **CONFERENCES AND SEMINARS**

Società Italiana di Igiene - Congresso Nazionale 2021

Oral presentation: "Health data, ICT, and biobanking in personalized medicine: a comparative analysis between Europe and China"

Società Italiana di Igiene - Congresso Nazionale 2022

Pitch: "Preliminary results of the CCM project "Italian Genomic Strategy"

European Public Health Conference 2022

Ferenc Bojan Young Investigator Award Session: oral presentation on "Vaccination coverage trends in European Union from 1980 to 2020: A joinpoint Regression Analysis"

2 MAY 2023 – 6 MAY 2023 Rome

World Congress on Public Health 2023

Oral presentation on "Preliminary results on a survey targeting citizens' attitudes towards personalized medicine and health data sharing"

9 JUN 2022

IC2PerMed Roadmap Validation Workshop

Oral presentation of the results of the mapping process previous to the roadmap drafting.

22 JUN 2023

ExACT Open Seminar

ExACT survey investigating citizens' attitudes towards personalized medicine and health data sharing

7 DEC 2023

First Annual Meeting SIIAM

Event organizer; Moderator of the first session "Introduction to AI: technical and legislative framework"; Coordinator of the event workshop.

Aspettando Sharper Terni 2024, Notte Europea dei Ricercatori - L'intelligenza artificiale come strumento di supporto alla tutela della salute: prospettive per i pazienti/cittadini e per i professionisti sanitari

Speaker: "Artificial Intelligence in Medicine: Where we are and where are headed"