



Carmine Iorio

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● ABOUT ME

Passionate and dynamic communicator with a penchant for collaboration, my extroverted nature thrives in group settings. Fueled by a love for theatre, I bring creativity and engagement to professional interactions, making them both dynamic and solution-oriented. With a positive attitude, enthusiasm, and adaptability, I contribute vibrancy to any work environment.

● WORK EXPERIENCE

01/11/2021 – CURRENT Perugia, Italy

PHD CANDIDATE IN ETHICS OF COMMUNICATION, SCIENTIFIC RESEARCH, AND TECHNOLOGICAL INNOVATION, SPECIALIZING IN MEDICAL HEALTHCARE. UNIVERSITY OF PERUGIA

My doctoral research, titled "Ethics and Preparedness: designing the future against emerging pandemics through Drug Repurposing and Emergency Communication" focuses on a historical and contemporary analysis of pandemics. I examine various pathogens, projecting future scenarios outlined by the WHO for 2026, with a particular emphasis on vector-borne viruses. The core of my research revolves around drug repurposing, exploring existing molecules with potential applications against the Zika virus. I delve into experimental methods, evaluating the effectiveness of these molecules in specific contexts, with a particular emphasis on the role of the AXL receptor. Beyond the technical aspects, I immerse myself deeply in ethical scientific communication, especially considering the lessons learned from the COVID-19 experience. Through an analysis of published articles, I examine how communication can influence public perception and reflect on the ethical responsibilities of the scientific community in an era of growing mistrust. In summary, my research extends beyond the academic realm, actively contributing to the preparation and management of future pandemics. Through drug repurposing and ethical communication, I aim to shape a future where society is better prepared and equitably informed in the face of emerging challenges.

Supervisors: Senator Prof. Elena Cattaneo and Prof. Giuseppe Manforni

20/09/2023 – 20/12/2023 Perugia, Italy

PHD - TRAINEESHIP UNIVERSITY OF OSLO

During the internship period, I actively participated in the group's weekly meetings, contributing to discussions and overseeing research activities. Additionally, I was integrated into the research project titled "European Union Research Ethics Committees' Members Open Science Knowledge and Practices." The internship also involved a thorough exploration of bioethical aspects during health crisis periods, with a specific focus on analyzing critical issues such as access to healthcare. Another significant aspect addressed was the exploration of uncertainty communication in medicine, recognized as a pivotal element in the context of health crises, such as during a pandemic.

06/10/2022 – CURRENT Italy

AUTHOR TRENDSANITÀ - POLICY & PROCUREMENT IN HEALTHCARE

Author of articles focusing on critical healthcare issues for TrendSanità magazine. My contributions include analyses and reflections on necessary reforms in medical specialization schools, challenges in territorial health, effectiveness of interventions like Pre-Exposure Prophylaxis (PrEP) for HIV-1, developments in gene

therapy with CRISPR-CAS9, and ethical considerations. I have also provided insights on managing avian influenza H5N1 among birds.

01/07/2021 – 30/09/2021 Perugia, Italy

PHARMACIST AFAS, AZIENDA SPECIALE FARMACIE DI PERUGIA.

● EDUCATION AND TRAINING

PHARMACIST PROFESSIONAL LICENSE

Address Registered with the Professional Register of the Pharmacists' Association under the number 3081, PG

01/11/2016 – 29/04/2021 Italy

MASTER'S DEGREE IN PHARMACY University of Perugia

The research, conducted in collaboration with the PTS (Transversal Pact for Science), explored the evolving dynamics of communication during the pandemic, highlighting the rapid pace of science compared to news cycles. Focusing on the COVID-19 pandemic in the digital age, I examined communication errors and their enduring consequences, shedding light on discrepancies within scientific literature.

Field of study Health and welfare | **Final grade** Cum Laude |

Thesis Scientific and Media Dissemination during the COVID-19 Pandemic: A World Flooded with News and Fake News

01/09/2019 – 01/11/2019

UNIVERSITY OF LJUBLJANA Faculty of Pharmacy

03/2022 – 06/2022

DATA JOURNALISM University Vita-Salute San Raffaele

Address SSD-SECS-S/01 Statistica

2022

EVIDENCE BASED PRACTICE CORE CURRICULUM GIMBE FOUNDATION

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

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

● ADDITIONAL INFORMATION

PUBLICATIONS

COVID-19 and the construction of collective trauma through photographs and social media. – 2022

Iorio, C., Manfroni, G. (2022). "COVID-19 and the construction of collective trauma through photographs and social media." *Trauma and Memory*, 10(3), 161-173. ISSN 2282-004. [Link](#) | doi: [10.12869/TM2022-3-01](#)

Truth and lies about the use of old drugs against COVID-19: have we learned the lesson? – 2023

Iorio, C., Manfroni, G. (2023). "Truth and lies about the use of old drugs against COVID-19: have we learned the lesson?" *Future Medicinal Chemistry*, 15(5), Commentary. [Link](#) | doi: [10.4155/fmc-2023-0042](#)

Digital competencies after the COVID-19 experience – 2021

Trisolini, G., Iorio, C. (2021). "Digital competencies after the COVID-19 experience." *Induzioni*, ISSN: 1724-0476, pp 41-58. [Link](#) | doi: 10.19272/202100902003

What have we learned from the SARS-CoV-2 pandemic? The responsibility of the scientific community in fueling citizens' distrust towards science.

– 2023

Iorio, C. (2023). "What have we learned from the SARS-CoV-2 pandemic? The responsibility of the scientific community in fueling citizens' distrust towards science." In AA. VV., *Having Trust? Some considerations on the Ethics of Science after the pandemic era*, G. Tosti (ed.), *Ontologica, Essays I*, Morlacchi Editore U.P., Perugia, pp. 25-41 (Book Chapter). ISBN 978-9392-000-0.

DRIVING LICENCE

Driving Licence: B

CONFERENCES AND SEMINARS

Organizing public interest Seminars Evolution of PreP and PeP: Scientific Evidence, Clinical Practice, and Ethics in Hospital Pharmacy

- Date: October 13, 2023

Navigating the Storm: The Ethics of Scientific Communication in the 2.0 World

- Conducted as part of the Didactics of Chemistry course in the Master's Degree in Chemical Sciences at the University of Perugia

- Date: January 31, 2023

- Supervisor: Prof. Marco Paoloantoni

Seminar Series on the Ethics of Scientific Communication

- Organized and moderated a seminar series at the Onaosi Honors College.

- Dates and Topics:

- March 15, 2023: "Why Focus on Ethics of Communication Today?" (Speaker: Carmine Iorio)

- March 15, 2023: "Epidemic and Infodemic" (Speaker: Prof. Enrico Bucci)

- March 22, 2023: "Communicating Science Outside the Ivory Tower" (Speaker: Prof. Giuliana Galati)

- March 29, 2023: "Zero Chemistry, 100% Natural! Myths, Legends, and Reality in Chemistry Communication" (Speaker: Prof. Silvano Fuso)

MANAGEMENT AND LEADERSHIP SKILLS

ACADEMIC ROLES AND RESPONSIBILITIES: Five-Year Student Representation Experience.

- Academic Year 2020/2021: Member of the Parity Commission for Teaching for the Department of Pharmaceutical Sciences.

- Academic Year 2020/2021: Member of the Department Council for Pharmaceutical Sciences.

- Academic Year 2018/2019: Student Representative for the Department of Pharmaceutical Sciences in the University of Perugia Student Council.

- Academic Year 2018/2019: Member of the Parity Commission for Teaching for the Department of Pharmaceutical Sciences.

- Academic Year 2018/2019: Member of the Department Council for Pharmaceutical Sciences.

My involvement in student representation has equipped me with well-developed organizational skills.

VOLUNTEERING

01/01/2023 – 31/12/2023 ONE

Youth Ambassador '23 In my role as a Youth Ambassador at ONE for the year 2023, I actively led advocacy campaigns at the Senate and the Chamber of Deputies to garner support for our statement of intent. Our aim was to increase funding to address critical challenges such as preventable diseases, poverty, and climate change. Collaborating with my colleagues, we passionately worked to engage Italian legislators and promote initiatives that could lead to a substantial and positive impact on society.

CERTIFICATIONS

Professional Certifications

Ethical aspects and bioethical implications during Health Crisis Periods

- Issuer: University of Oslo

Science and Chemistry Communication

- Issuer: Italian Chemical Society

Data Journalism SSD-SECS-S/01

- Issuer: University of Vita-Salute San Raffaele

Evidence Based Practice - Core Curriculum

- Issuer: GIMBE Foundation

Ethics and Life Sciences

- Issuer: University of Bologna

FISE PROJECT - JOURNALISM - EU COMMUNICATION

- Issuer: University of Perugia and Europe Direct Terni

SUPERYOUTH Certification - Fighting disinformation, misinformation and malinformation (DMM) Curriculum

I hereby give consent for my data included in the curriculum vitae to be processed for recruiting purposes. I hereby consent to the processing of the data I provided in this CV

Perugia , 20/01/2024

A handwritten signature in black ink, appearing to be 'L. Scia', written in a cursive style.