



Edoardo Marovino

Date of birth: 22/10/1997 | **Nationality:** Italian | **Gender:** Male | **Email address:** edoardo.marovino@unimi.it

● WORK EXPERIENCE

01/2024 – CURRENT pavia, Italy

STUDY COORDINATOR/DATA MANAGEMENT I.R.C.C.S. POLICLINICO SAN MATTEO

study coordinator at the cardio-thoracic department (reference structure SC cardiology 1)

12/2022 – 11/2023 voghera, Italy

HOSPITAL PHARMACY STAGE VOGHERA'S HOSPITAL INPATIENT PHARMACY SERVICE

collaboration in the manual and IT management of the warehouse for drugs and medical devices (storage, inventory management and supply) by PTO; procurement and supply of H-level and non-class medicines to the departments. IT systems used: oracle, ERP, RDAweb.

participation in the hospital antimicrobial stewardship program (internal dissemination of knowledge of the 'AWARE' manual to support antibiotic prescribing), management of urgent requests for drugs and devices. Pharmacovigilance, management of ADR reports and inclusion in RNF. Particular interests developed for emergency medicines and pharmacovigilance (FARO project).

09/2021 – 12/2021 pavia, Italy

PRE-DEGREE INTERNSHIP - OUTPATIENT PHARMACY SAN PIETRO PHARMACY

assistance in the sale of medicines, medical devices and other health products over the counter, including narcotic medicines and some AFMS dietary products (for example for celiacs or for patients with particular metabolic dietary needs such as kidney patients).

Procurement and inventory control.

01/2021 – 09/2021 piacenza, Italy

HOSPITAL PHARMACY INTERNSHIP AUSL PIACENZA HOSPITAL'S PHARMACY

Internship carried out in a hospital pharmacy and in direct distribution, with experience in sterile and non-sterile galenics, assistance in the management of class H drugs such as monoclonal antibodies, LASA drugs and 'high clinical risk' drugs (such as injectables with a low therapeutic index), drugs RNRL (in particular anti-HIV and anti-HCV), assistance in the IT management of warehouse stocks of drugs and devices and in the pharmacovigilance sector. In particular, visualization of the management methods of master preparations and reconstitutions of oncological drugs in U.F.A. (dedicated laboratory); management of antimicrobial stewardship programs relating especially to new antibiotics for infections caused by drug-resistant pathogens; management of orphan drugs and those subject to justified request. Management of ADR reporting via paper or online and validation in the national pharmacovigilance network

● EDUCATION AND TRAINING

11/2023 – CURRENT milano, Italy

POSTGRADUATE SCHOOL OF CLINICAL PHARMACOLOGY AND TOXICOLOGY university of Milan - Department of Medical Biotechnology and Translational Medicine

2016 – 2022 pavia, Italy

MASTER'S DEGREE IN PHARMACY university of Pavia - department of drug sciences

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1

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

● ADDITIONAL INFORMATION

COMMUNICATION AND INTERPERSONAL SKILLS

Communication skills Good team working skills, thanks above all to pre- and post-graduate experiences in hospital pharmacies

Professional skills Special interests:

- drugs in use in neurology/psychiatry (including misuse/diversion of psychotropic drugs)
- anti-infective pharmacology and therapeutic stewardship strategies
- pharmacovigilance: reporting, prevention and monitoring of adverse effects and reactions and therapeutic errors; toxicology applied to drugs
- formulation, technological and biopharmaceutical characteristics relating to the various dosage forms
- drug interactions
- production, formulation and pharmacology of biotechnological products (therapeutic proteins, monoclonal antibodies and derivatives) and ATMPs

Areas of interest in development:

- prescriptive appropriateness/inappropriateness criteria in polytherapies; interactions and ADRs/ medication errors and deprescribing (use of CODIFA and INTERcheckWEB support software)
- pharmacodynamics/kinetics of anti-infective drugs (antibiotics in particular)
- management of supportive therapies in oncology for toxicities related to antineoplastic treatments
- relationship between pharmaceutical formulation models, administration routes and applied pharmacokinetics
- clinical risk in therapies with 'LASA' drugs and those with a low therapeutic index in hospital and home settings
- characteristics and clinical use of antidotes and orphan/hardly available drugs

databases and scientific platforms used: pubmed, INTERcheckWeb, pubchem, chemID, medline, scopus, CODIFA, AIFA database (Intermediate)

PUBLICATIONS

list of publications

- "Addiction to Psychoactive Prescription Drugs: Can the Excipients of the Formulations Play a Role?" ; Qeios (2024) www.researchgate.net/publication/377409326
- "Diseases and Treatment with NOA: Mini Review of Trauma Coagulopathy"; Amelia Morgillo, Edoardo Marovino, Marcello Mazzarella, Caterina Rosaria Morgillo; Journal of Medical - Clinical Research & Reviews (2023) www.researchgate.net/publication/370552946
- "Periodic Drugs Shortage in Hospitals and in the Community: Causes, Consequences and Possible Solutions"; Edoardo Marovino, Amelia Morgillo, Michelle Islami, Vittorio Filieri; qeios (2023) www.qeios.com/read/Z9P47W
- "Old and "New Designer" Benzodiazepines as Crime Facilitating Drugs: A Review of Toxicological and Analytical Aspects"; Amelia Morgillo, Edoardo Marovino, Marcello Mazzarella, Serena Merandi, Lucia Giordano, Caterina Rosaria Morgillo, Angela Cambareri, Caterina Temporini; qeios (2023) www.qeios.com/read/3AZW0Q
- "Anthracycline Cardiotoxicity: From Mechanisms to Prevention Strategies"; Amelia Morgillo, Marcello Mazzarella, Maria Francesca Randazzo, Naomi Mancino, Maria alessia Talessi, Edoardo Marovino; journal of medical clinical research and reviews (2023) www.researchgate.net/publication/368295095
- "Use of Flumazenil in Detoxification of High-Dose Benzodiazepine Users: A Mini Review of Pharmacological Basis and Clinical Studies"; Amelia Morgillo, Caterina Rosaria Morgillo, Angela Cambareri, Edoardo Marovino; journal of drug addiction and therapeutics (2022) www.researchgate.net/publication/365899298

- "Chemotherapy Induced Oral Mucositis: Causes and Treatments" ; Edoardo Marovino, Amelia Morgillo, Naomi Mancino, Veronica Di Feo; open access journal of biomedical sciences (2022) www.researchgate.net/publication/363778970
- "Role of the pharmaceutical form in the development of addiction from psychoactive substances"; Amelia Morgillo, Edoardo Marovino, Maria Francesca Randazzo, Marcello Mazzarella; evidence based psychiatric care (2022) www.researchgate.net/publication/363541218
- "Therapeutic Error: Types and Prevention Strategies and Focus on 'Look Alike/Sound Alike' and 'High Risk' Drugs" ; Edoardo Marovino, Amelia Morgillo, Naomi Mancino, Veronica di Feo, Emanuela Genito (2022) www.researchgate.net/publication/362903040
- "THC And Cannabinoids: Chemistry, Methods Of Detection And Stability In Biological Samples" ; Marovino E, Caprioli L, Mazzarella M.; qeios (2022) doi.org/10.32388/ULSLLG
- "USE OF LIQUID PHARMACEUTICAL FORMS AND CORRECT HANDLING OF SOLID FORMS IN THE DYSPHAGIC PATIENT" ; Edoardo Marovino, Amelia Morgillo, Marcello Mazzarella, Maria Francesca Randazzo; British Journal of Pharmaceutical Research (2022) www.researchgate.net/publication/362133989
- "Methadone In Chronic Non-Oncological Pain: From Disassuefaction Of Painkillers Abuse To The Primary Management Of Opioid Hyperalgesia" ; Edoardo Marovino, Amelia Morgillo, Marcello Mazzarella, Maria Francesca Randazzo (2022) www.qeios.com/read/ABG3ZQ

TRAINING/RESEARCH ACTIVITIES CURRENTLY UNDERWAY

Training/research activities currently underway

- manipulation/preparation of pharmaceutical formulations in paediatrics/geriatrics, clinical galenics and pharmacological dosages;
- 'LASA' drugs in home polytherapies;
- pharmaceutical formulation characteristics of biotechnological products and new innovative administration technologies (e.g. nanocarriers)
- pharmacokinetic characteristics of equivalent drugs, biosimilars and biobetters
- clinical pharmacology of new antimicrobials
- orphan drugs, clinical trials and special uses of experimental drugs

CERTIFICATIONS

certifications

- ICH Good Clinical Practice E6 (R2) certification 2024
 - IATA certification For the Shipping of Category A, Infectious Substance Affecting Humans Category B, Biological Substance
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