

# Curriculum Vitae

## JESSICA CUSATO

Born in Turin (TO), 22/11/1986

### ACADEMIC BACKGROUND

[2008] Degree in Biological Sciences, Faculty of Science, University of Turin (107/110).

[2010] Degree in Health Biology, Faculty of Science, University of Turin (108/110).

[2012] Professional Qualification and registration in the Biologist Board.

[2016] Specialization Degree in Microbiology and Virology, Faculty of Medicine, University of Turin (70/70).

[2019] PhD in Complex Systems for Life Sciences.

[From 09/2011-22/12/2012] Research fellowship for the Study of Pharmacogenetics in the "Laboratory of Clinical Pharmacology and Pharmacogenetics", University of Turin at the Hospital Amedeo di Savoia (ASL CITTA' di TORINO).

[23/12/2019-23/12/2022] Researcher (RTD-B) in Pharmacology, University of Turin.

[23/12/2022-today] Associate Professor in Pharmacology, University of Turin.

### RESEARCH & CLINICAL ACTIVITY

- The research and clinical activity of Dr. Cusato, in universities and hospitals (ASL CITTA' di TORINO), as manager of the "Laboratory of Clinical Pharmacology and Pharmacogenetics", took place from 2006 to present on the following topics:

- clinical pharmacology of anti-infectives, oncology drugs (including tyrosine kinase inhibitors, mitotane, etc.), antihypertensive drugs, iron chelators drugs, etc. ;
- study of pharmacogenetics of anti-infectives, oncology drugs, iron chelators drugs, etc. ;
- management and therapy customization in patients; plasma, intracellular and tissue pharmacokinetic evaluation of anti-infective drugs and not, even through the use of pharmacogenetics applied to the clinic in patients receiving chemotherapy (as part of clinical routine and clinical trials). PBMCs isolation with Ficoll and CPT tubes.
- Routinary diagnostic analysis for clinical biological samples arriving at the laboratory for "therapeutic drug monitoring" (drug quantification) and pharmacogenetic tests (evaluation of single nucleotide polymorphisms).

- In recent years the research activity is expanding, as evidenced by the numerous recent publications, especially on other not infectious issues, but always in the context of clinical pharmacology; This activity was possible by analyzing data coming not only from its own laboratory, but also from other numerous research centers (national and international hospitals) with which we are opened for partnerships acting within pharmacology, pharmacogenetics and related diagnostics.

### TEACHING (last three years)

Academic Years 2020/21, 2021/22, 2022/23 Pharmacology for Degree in Medicine, Nursing and School of Specialization in Infectious Diseases

### PUBLICATIONS/SPEECHES, CITATIONS AND NORMALIZED H-INDEX (updated 03/03/2023)

Since 2010 she has participated as speaker at more than 87 between congresses, conferences, courses and seminars.

Author and / or co-authored more than **80** posters and congressional action.

Author and/or co-author of more than **144** international scientific publications: n.99 indexed in PubMed ("CUSATO J" in [www.ncbi.nlm.nih.gov/pubmed](http://www.ncbi.nlm.nih.gov/pubmed)) and **141** indexed in ISI - Web of Knowledge (Tomson).

### H-INDEX (Scopus): 26

#### Google Scholar

#### Citations Index

	All	From 2018
<u>Citations</u>	2856	2058
<u>H-Index</u>	30	19
<u>i10-index</u>	71	53