

PERSONAL INFORMATION

Valentina Galbiati



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Sex Female | Date of birth 31/08/1983 | Nationality Italian | Fiscal Code GLBVNT83M71F704I

WORK EXPERIENCE

|                                  |  |
|----------------------------------|--|
| From October 2024                | <p><b>Associate Professor</b></p> <p>Laboratory of Toxicology, Department of Pharmacological and Biomolecular Sciences "Rodolfo Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)</p> <p>Scientific-disciplinary sector BIOS 11/A</p>                              |
| October 2021<br>October 2024     | <p><b>Tenured Research Associate</b></p> <p>Laboratory of Toxicology, Department of Pharmacological and Biomolecular Sciences "Rodolfo Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)</p> <p>Scientific-disciplinary sector BIOS 11/A</p>                       |
| September 2021<br>September 2020 | <p><b>Research Associate</b></p> <p>Laboratory of Toxicology, Department of Pharmacological and Biomolecular Sciences "Rodolfo Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)</p> <p>Scientific-disciplinary sector BIOS 11/A</p>                               |
| June 2016 – Jan 2017             | <p><b>Maternity leave</b></p>  |
| June 2015<br>March 2020          | <p><b>Post-doctoral fellow</b></p> <p>Laboratory of Toxicology, Department of Pharmacological and Biomolecular Sciences "Rodolfo Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)</p> <p>Scientific-disciplinary sector BIOS 11/A</p>                             |
| November 2011<br>November 2014   | <p><b>PhD in Pharmacological and Biomolecular Sciences</b></p> <p>Laboratory of Toxicology, Department of Pharmacological and Biomolecular Sciences "Rodolfo Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)</p> <p>Scientific-disciplinary sector BIOS 11/A</p> |
| December 2013                    | <p><b>Visiting scientist</b></p> <p>University of Freiburg, Medical Centre – Allergy Research Group, under the supervision of Prof. Stephan Martin and Dr. Philipp Esser. The aim of the visit was to learn the basic principles of the in vitro method 'T-cell based in vitro assay'</p>  |
| March 2011 and May 2012          | <p><b>Visiting scientist</b></p> <p>University of Barcelona, Faculty of Pharmacy, under the supervision of Prof. Pilar Vinardell and Prof. Montserrat Mitjans. The aim of the visit was to learn the Comet Assay technique</p>   |
| February 2011                    | <p><b>Visiting scientist</b></p> <p>VU Medical Centre (VUMC), Amsterdam. Course: 'Chemical exposure experiments EST1000 cultures for Demo Assay' conducted at the laboratory of Prof. Sue Gibbs</p>  |
| September 2020<br>November 2011  | <p><b>Student fellowship</b></p> <p>Laboratory of Toxicology, Department of Pharmacological and Biomolecular Sciences "Rodolfo Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)</p>   |

Paoletti", Via Giuseppe Balzaretti 9 - University of Milan, Milan (Italy)

Scientific-disciplinary sector BIOS 11/A

**EDUCATION AND TRAINING**

January 2022

January 2031

**National Scientific Qualification as Associate Professor**

National Scientific Qualification as Associate Professor, competition sector 05/G1 – Pharmacology, Clinical Pharmacology and Pharmacognosy – scientific-disciplinary sector BIO 14 – Pharmacology.

Italian Ministry of University and Research (MUR)

December 2014

**PhD in Pharmacological Sciences**

Department of Pharmacological and Biomolecular Sciences, University of Milan. Discussion of the thesis entitled 'Assessment of the allergenic potential of xenobiotics: an in vivo-in vitro back-and-forth approach'. Supervisor: Prof. C.L. Galli; Co-supervisor: Prof. Alberto Panerai.

July 2010

**Master's degree in pharmacy**

University of Milan, Single-Cycle Master's Degree in Pharmacy. Discussion of the experimental thesis entitled 'Evaluation of the allergenic potential of low molecular weight compounds based on the selective induction of IL-18 in a human keratinocyte cell line'. Supervisor: Prof. Emanuela Corsini; Co-supervisor: Prof. Marina Marinovich.

**PERSONAL SKILLS**

Mother tongue(s)

Italian

Other language(s)

English

| UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------------|---------|--------------------|-------------------|---------|
| Listening     | Reading | Spoken interaction | Spoken production |         |
| B2            | B2      | B2                 | B2                | B2      |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Digital skills

- good command of Microsoft Office™ suite
- good competence with SoftmaxPro, InStat, Graph Pad Prism, ABI Prism 7000 Sequence detection System, CellQuest Pro, Image Lab Software, Chemidoc Biorad, NovoExpress

Professional skills

- 2025-2027 Council Member of the Italian Society of Toxicology (SITOX)
- 2022-2023 Postdoctoral Representative for DTSS (Derma Toxicology Specialty Section), Society of Toxicology, USA
- 2021 – 2022 Postdoctoral Representative for ITSS (Immunotoxicology Specialty Section), Society of Toxicology, USA.
- 2019 –2021 President of the EUROTOX Immunotoxicology and Chemical Allergy Specialty Section (ITCASS).
- 2018 – 2019 Council Member of the EUROTOX Immunotoxicology and Chemical Allergy Specialty Section (ITCASS).

**PROJECTS**

2018-2019

**Colgate-Palmolive Grant for Alternative Research**

Principal Investigator of Colgate-Palmolive Grant for Alternative Research – Society Of Toxicology 2018 Award (40.000 \$). Title of the project "Investigation on the possible role of microRNAs in the

September 2023  
February 2025

regulation of chemical allergen potency”.

### PRIN: Progetti di ricerca di rilevante interesse nazionale 2022

Principal Investigator PRIN: Progetti di ricerca di rilevante interesse nazionale 2022 (2022MZ5MA4) (246.000 €). Title of the project: “An integrated human-in vitro approach to explore the role of miRNAs in the allergic asthma”.

## PUBLICATIONS

From Scopus (June 17, 2026):

| Publication number | Citations                        | h-index |
|--------------------|----------------------------------|---------|
| 81 on Scopus       | 2224 citations by 1526 documents | 26      |

### Most recent publications:

- Bettinsoli V, Erlacher M, Galbiati V, Marinovich M, Corsini E, Wilflingseder D. Imaging and safety profiling of inhaled siRNA RyR2 in human respiratory models. Arch Toxicol. 2026 Apr 15. doi: 10.1007/s00204-026-04370-7. Epub ahead of print. PMID: 41984094.
- In vitro assessment of respiratory sensitization potential and allergic asthma: a miRNA-based approach. Passoni, F. C., Iulini, M., Melzi, G., Liviero, F., Marinovich, M., Corsini, E., & Galbiati, V. (2026). Toxicology, 154481. Advance online publication. <https://doi.org/10.1016/j.tox.2026.154481>
- Mechanistic insights into PFAS-induced effects on B lymphocyte activation and antibody secretion. Iulini, M., Beekmann, K., Hoogenboom, R. L. A. P., Galbiati, V., Russo, G., Pappalardo, F., Fragki, S., Paini, A., Corsini, E., & Janssen, A. W. F. (2026). Archives of toxicology, 10.1007/s00204-026-04377-0. Advance online publication. <https://doi.org/10.1007/s00204-026-04377-0>
- Maddalon A, Galbiati V, Ferrian M, Mastrangelo G, Meroni S, Dionisi L, Mandić-Rajčević S, Colosio C, Corsini E, Porru S. Immunomodulatory effects of the herbicide glyphosate following occupational exposure. Arch Toxicol. 2025 Dec;99(12):4973-4986. doi: 10.1007/s00204-025-04156-3. Epub 2025 Sep 8. PMID: 40924135; PMCID: PMC12534365.
- Hargitai R, Parráková L, Szatmári T, Monfort-Lanzas P, Galbiati V, Audouze K, Jornod F, Staal YCM, Burla S, Chary A, Gutleb AC, Lumniczky K, Vandebriel RJ, Gostner JM. Chemical respiratory sensitization-Current status of mechanistic understanding, knowledge gaps and possible identification methods of sensitizers. Front Toxicol. 2024 Jul 29;6:1331803. doi: 10.3389/ftox.2024.1331803. PMID: 39135743; PMCID: PMC11317441.

### Membership

- Member of the Società Italiana di Tossicologia (SITOX)
- Member of the Society of Toxicology (SOT)
- Member of the Immunotoxicology and chemical allergy specialty section of EUROTOX

### Collaborations with Public and Private Entities

- Departament de Fisiologia, Facultat de Farmàcia, UB (Barcelona, Spagna)
- esqLAB GmbH, Saterland (Germany) Aboca S.p.a. Sansepolcro (Italia)
- Federal University of Paraná, Department of Genetics, Curitiba (Brazil)
- Giuliani S.p.a., Milan (Italy)
- Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht (Netherlands)
- Milano (Italia)
- Università degli Studi di Milano, Dipartimento di Scienze Cliniche e di Comunità, Ospedale Policlinico, Milano (Italia)
- Università degli Studi di Milano, Dipartimento di Scienze della Salute, Ospedale S. Paolo,
- Universitätsklinikum Freiburg (Friburgo, Germania)
- Université Claude Bernard Lyon, Centre International de Recherche en Infectiologie (CIRI), Team Epidermal Immunity and Allergy, Lyon (France)
- University of Catania, Department of Pharmaceutical and Health Sciences, Catania (Italy)
- University of Ljubljana, Faculty of Pharmacy, Ljubljana (Slovenia)
- University of Pavia, Faculty of Pharmaceutical Sciences, Pavia (Italy)
- University of Perugia, Department of Medicine and Surgery, Perugia (Italy)
- VU University Medical Center Amsterdam (VUMC), University hospital, Vrije Universiteit Amsterdam, Olanda).

**Public engagement**

- ExploraLab: Science outreach activity at Matteotti Primary School, "Ungaretti" Institute, Sesto Calende (2024, 2025, 2026)
- Stati Generali of the Museum of Philosophy, University of Milan: science communication activities for high schools carried out in collaboration with the Culinary Mind team of the Department of Philosophy at the University of Milan. Activity title: 'Who's Afraid of Food?' (February 2026).

**Other activities**

- Reviewer for international journals including Food and Chemical Toxicology, Toxicology in Vitro, European Journal of Toxicology, International Journal of Cosmetic Science, and ALTEX.
- Guest and Topic Editor for the journals Toxics and Frontiers in Toxicology.

Milan, 17 June 2026

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16