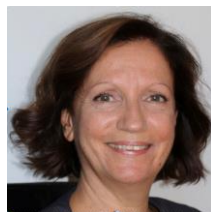


Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **First name Emanuela Surname Corsini**

E-mail emanuela.corsini@unimi.it

Nationality Italian

Date of birth May 26th, 1963

Gender female

Desired employment / Occupational field **Academia**

Work experience

Dates 2018 – to present

Occupation or position held Full professor of Toxicology

Main activities and responsibilities Teaching and research

Name and address of employer Università degli Studi di Milano
Via Festa del Perdono 7
Milano

Dates 2004 – 2018

Occupation or position held Associate professor of Toxicology

Main activities and responsibilities Teaching and research

Name and address of employer Università degli Studi di Milano
Via Festa del Perdono 7
Milano

Dates 1992-1994 and 1996-2004

Occupation or position held Fellowship

Main activities and responsibilities Research at the Laboratory of Toxicology at the Department of Pharmacological and Biomolecular Sciences, School of Pharmacy, Università degli Studi di Milano, Milan, Italy

Name and address of employer UNIPRO
Via Accademia 33
20131 Milano

Dates 1994-1996

Occupation or position held Post-doctoral fellowship

Main activities and responsibilities Research at the Laboratory of Toxicology at the Department of Pharmacological and Biomolecular Sciences, School of Pharmacy, Università degli Studi di Milano

Name and address of employer Università degli Studi di Milano
Via Festa del Perdono 7
20100 Milano

Dates July – August 1995

Occupation or position held	Visiting Scientist
Main activities and responsibilities	Laboratory research on UV toxicity in the Laboratory of Dermatology directed by Dr S. Feldman at the Wake Forest University, Winston Salem, NC, USA
Dates	November 1994 – March 1995
Occupation or position held	Visiting Scientist
Main activities and responsibilities	Research in Laboratory of Immunotoxicology directed by Prof. I. Kimber on the role of cytokines in contact dermatitis
Name and address of employer	CTL Alderley Park UK
Dates	1989 - 1992
Occupation or position held	Visiting scientist
Main activities and responsibilities	Research in the Laboratory of Toxicology directed by Dr M.I. Luster on the role of the immune system in asbestosis and on the immunomodulatory effects of pentamidine
Name and address of employer	NIEHS RTP, NC, USA
Dates	1985 - 1987
Occupation or position held	Student
Main activities and responsibilities	Research in Laboratory of Toxicology directed by Prof. C.L. Galli on food toxicology
Name and address of employer	Università degli Studi di Milano Via Festa del Perdono 7 20100 Milano

Education and training

Dates	1993
Title of qualification awarded	PhD in Food and Environmental Toxicology
Principal subjects/occupational skills covered	Role of the immune system in asbestosis
Name and type of organisation providing education and training	Università degli Studi di Milano and NIEHS, NC, USA
Dates	1982 - 1987
Title of qualification awarded	Bachelor degree in Food Science and Technology (Magna cum laude)
Principal subjects/occupational skills covered	Food toxicology
Name and type of organisation providing education and training	Università degli Studi di Milano
Dates	1982
Title of qualification awarded	High school degree
Principal subjects/occupational skills covered	Scientific high school
Name and type of organisation providing education and training	Collegio Villoresi San Giuseppe, Monza (MI), Italy
Level in national or international classification	High school

Skills and competences Emanuela Corsini is a tenured full professor in toxicology at the School of Pharmacy at the Università degli Studi di Milano, Milan, Italy. As such, she organizes and teaches courses in the field of Toxicology at the School of Pharmacy and the School of Environmental Sciences, University of Milan. She is the Chair of the Master degree in Safety Assessment of Xenobiotics and Biotechnological Products at the University of Milan. She has been active in training undergraduate and graduate students at her own university and has also developed and presented lectures for other academic institutions and

professional societies, as well as for several SOT CE courses. Since 2013, she is professor at the Master in Cosmetic Science and Technology, University of Siena, and at the Master in Cosmetological Sciences, University of Pavia, holding courses on Cosmetic safety evaluation. She has also served as lecturer at the Course Safety Assessment of Cosmetics in the EU, organized by the Vrije Universiteit Brussel.

Her research focuses on the refinement of alternative in vitro tests for immunotoxicity, promoting the regulatory acceptance of alternative methods, and on the understanding the mechanism of action of immunotoxic/immunomodulatory compounds at the molecular level.

Dr. Corsini has served on multiple EURL-ECVAM, JaCVAM, ICCVAM, EFSA, OECD, and IARC Panels and working groups to establish scientific confidence in alternative methods in immunotoxicology testing, performance standards for these novel assays and the development of integrated testing strategies for their use as part of comprehensive and predictive assessments. She has authored over 200 research publications in toxicology and related disciplines in peer-reviewed journals.

She is active in numerous scientific and professional organizations and serves on several editorial boards of toxicology journals. Dr. Corsini currently serves as Secretary General of IUTOX (2019-2025), she is member of ESAC, the Scientific Advisory Committee of the European Union Reference Laboratory for Alternatives to Animal Testing (2022-2027), and external expert of the SCCS Working group on cosmetic ingredients (2023-). From 1999-2005 she served as the Treasurer for the Association for In Vitro Toxicology; from 2009-2013 she was a Member of the EUROTOX Education Sub Committee; from 2005-2011 she was the Chair of the Immunotoxicology and Chemical Specialty Section at EUROTOX; from 2010-2016 she was a member of the IUTOX Executive Committee; from 2013-2021 she has been a member of the EUROTOX Executive Committee.

ORCID ID: 0000-0002-6927-5956

Bibliometric parameters:

[Google scholar](#)

Citations 11003

h-index: 56

Publications in the last 5 years:

Cattley RC, Kromhout H, Sun M, Tokar EJ, Abdallah MA, Bauer AK, Broadwater KR, Campo L, Corsini E, Houck KA, Ichihara G, Matsumoto M, Morais S, Mráz J, Nomiyama T, Ryan K, Shen H, Toyoda T, Vähäkangas K, Yakubovskaya MG, Yu IJ, DeBono NL, de Conti A, El Ghissassi F, Madia F, Mattock H, Pasqual E, Suonio E, Wedekind R, Benbrahim-Tallaa L, Schubauer-Berigan MK. Carcinogenicity of anthracene, 2-bromopropane, butyl methacrylate, and dimethyl hydrogen phosphite. *Lancet Oncol.* 2023 Mar 23:S1470-2045(23)00141-9. doi: 10.1016/S1470-2045(23)00141-9.

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Yutaka K, Rie Y, Iwaki T, Fujimura C, Ohmiya Y, Nakajima Y, Omori T, Corsini E, Inoue T, Rogan EL, Kojima H, Aiba S. An international validation study of the interleukin-2 luciferase leukocyte toxicity test (IL-2 Luc LTT) to evaluate potential immunosuppressive chemicals and its performance after use with the interleukin-2 luciferase assay (IL-2 Luc assay). *Toxicol In Vitro.* 2022 Dec 13:105535. doi: 10.1016/j.tiv.2022.105535.

Russo G, Crispino E, Corsini E, Iulini M, Paini A, Worth A, Pappalardo F. Computational modelling and simulation for immunotoxicity prediction induced by skin sensitizers. *Comput Struct Biotechnol J.* 2022 Oct 29;20:6172-6181. doi: 10.1016/j.csbj.2022.10.032.

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Effects of endocrine disrupting chemicals on the expression of RACK1 and LPS-induced THP-1 cell activation. *Toxicology*. 2022 Oct;480:153321. doi: 10.1016/j.tox.2022.153321.

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Maddalon A, Masi M, Iulini M, Linciano P, Galbiati V, Marinovich M, Racchi M, Buoso E, Corsini E. Effects of endocrine active contaminating pesticides on RACK1 expression and immunological consequences in THP-1 cells. *Environ Toxicol Pharmacol*. 2022 Oct;95:103971. doi: 10.1016/j.etap.2022.103971.

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target for breast cancer progression. *Oncogenesis*. 2020 Dec 11;9(12):105. doi: 10.1038/s41389-020-00291-x.

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Galbiati V, Cornaghi L, Papale A, Donetti E, Marinovich M, Corsini E. Study on the inflammasome nlrp3 and blimp-1/nlrp12 after keratinocyte exposure to contact allergens. *Toxicol Lett*. 2019 Jul 2;313:130-136. doi: 10.1016/j.toxlet.2019.07.003.

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Corsini E, Vecchi R, Marabini L, Fermo P, Becagli S, Bernardoni V, Caruso D, Corbella L, Dell'Acqua M, Galli CL, Lonati G, Ozgen S, Papale A, Signorini S, Tardivo R, Valli G, Marinovich M. The chemical composition of ultrafine particles and associated biological effects at an alpine town impacted by wood burning. *Sci Total Environ.* 2017 Jun 1;587-588:223-231. doi: 10.1016/j.scitotenv.2017.02.125.

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Kavasi RM, Berdiaki A, Spyridaki I, Corsini E, Tsatsakis A, Tzanakakis G, Nikitovic D. HA metabolism in skin homeostasis and inflammatory disease. *Food Chem Toxicol.* 2017 Mar;101:128-138. doi: 10.1016/j.fct.2017.01.012.

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Grants in the last 5 years:

- Ongoing project: EFSA - Case Studies NAMS_PFAS Immunotox" (Ref. OC/EFSA/SCER/2021/13)
- EU project PARC – Partnership for the Assessment of Risks from Chemicals (Unit member)
- Ongoing National project: PRIN2017: 'Endocrine disruptors: investigation of the effects on the immune and nervous systems (EDoNIS)'. Ref N. 2017MLC3NF
- Ongoing EU project, H2020-WIDESPREAD-2020-5 'Twinning towards excellence in alternative methods for toxicity assessment (TWINALT)'. Project N. 952404.

- 2016-2021: 'Understanding allergen potency: role of protein kinase C activation in the vigor of dendritic cell activation'. Project N.2016-04
- 2018: Research grant sponsored by Aubios In vitro evaluation of Sarracenia skin tolerability and repair capacity to support the activity of Sarracenia.

Appointments in the last 5 years:

- Contribution to the IARC Monographs 133 anthracene, 2-bromopropane, butyl methacrylate, dimethyl hydrogen phosphite, 28 February-7 March 2023
- EFSA Involvements:
 - o Hearing Expert - SCIENTIFIC COMMITTEE Panel Experts (2018-2024)
 - o Member - WG/P/CEP/2018/03 - WG on BPA re-evaluation
 - o Member - WG/P/CEP/2020/02 - WG on preparation for re-evaluation of phthalates, structurally similar substances and replacement substances
 - o Member - WG/U/PREV/2021/01 - Glyphosate Peer Review - Renewal Assessment
 - o Member at EFSA of the Working Group on TiO₂
- 2022-2027: Member of the ECVAM Scientific Advisory Committee (ESAC)
- 2020-2023 Member of IL-2 LTT Luc assay validation management team as test system, validation and immunotoxicity expert and EURL-ECVAM liaison, validation study coordinated by JaCVAM (NIHS) for the in vitro identification of substances with immunosuppressive activity, Japan (ongoing)
- 2019-2022: Member of the working group that prepared a Detailed Review Paper on 'In vitro immunotoxicity testing' for the OECD, currently under discussion among member states. (ended)
- 2019-2022 Member of the ECVAM Scientific Advisory Committee (ESAC). Documents published: 'Replacements for animal-derived antibodies'; 'Endocrine disruption – AR-CALUX test method'; 'Bioelution assay'; and 'Scientific Validity of the GARDskin and GARDpotency Test Methods'. (renewed)
- 2019-2022: Member of the IL-1 Luc assay validation management team as test system, validation and immunotoxicity expert and EURL-ECVAM liaison, validation study coordinated by JaCVAM (NIHS) for the in vitro identification of substances with immunosuppressive activity, Japan. (ended)
- 2016-2018: Member of the IL-2 Luc assay validation management team as a test system, validation and immunotoxicity expert and EURL-ECVAM liaison, validation study coordinated by JaCVAM (NIHS) for the in vitro identification of immunosuppressive substances, Japan. The method is under discussion at the OECD. (ended)