CURRICULUM VITAE

Family name: **CORSINI**
First name: **EMANUELA**
Date of birth: May 26th, 1963
Nationality: Italian
Civil status: Married
Codice Fiscale: CRSMNL63E66F205S

Education:

Institution Degree(s) or Diploma(s) obtained:	High school
Date:	1982
	Diploma
Institution Degree(s) or Diploma(s) obtained:	University of Milan, Italy
Date:	1987
	Degree in Food Science and Technology
Institution Degree(s) or Diploma(s) obtained:	University of Milan, Italy
Date:	1992
	PhD in Food and Environmental Toxicology

Membership of professional bodies:
Member of the Italian Society of Toxicology
Member of the American Society of Toxicology
1999-2005 Treasures of the Italian Association for in vitro Toxicology
2009-2013 Member of EUROTOX Education Sub Committee
2005-2011 Chair of the Immunotoxicology and Chemical Specialty Section at EUROTOX
2010-2016 Memeber of the IUTOX Executive Committee
2013-2016 Memeber of the EUROTOX Executive Committee

Present position: Associate professor of Toxicology at the School of Pharmacy at the Università degli Studi di Milano, Italy

Years within the organisation: 26 years

Key qualifications:

At present, the primary focus of her laboratory centers on the refinement of alternative in vitro tests to identify and discriminate contact allergens from irritants and respiratory sensitizers, based on the use of DC-like cells and keratinocytes, and to classify allergens according to their potency. The other area of research centers on the understanding at the molecular level the mechanism of action of immunotoxic/immunomodulatory compounds (i.e. perfluorinated compounds, pesticides, vegetal extracts) on innate and adaptive immunity. Finally, immunosenescece represents the other area of interest of her laboratory. Specifically, studies are being conducted to define the role of RACK1 and protein kinase C in the decline or remodeling of the immune responses associated with aging, and to identify compounds able to reverse such changes (i.e. DHEA, natural extracts). She is author of more than 130 publications in peer-reviewed journals and 20 book chapters.

She is the recipient of several awards and honors, including Award for the best paper published in Fundamental and Applied Toxicology (21: 71-81, 1993); Outstanding Young Investigator Award from the Immunotoxicology Specialty Section of the SOT (2004); Recipient of the EUROTOX/P&G "Animal Alternatives Award 2008".

Professional Experience Record:

Date:	From 8/1989 to 3/1992
Location	USA
Company	NIEHS
Position	Post doctoral fellow
Date:	From 11/1994 to 3/1995
Location	UK
Company	AstraZeneca
Position	Visiting scientist
Date:	From 7/1995 to 8/1995
Location	USA
Company	Bowman Gray School of Medicine
Position	Visiting scientist

Publication record (selected 2009-2015)

1. Pinto A, Malacrida B, Oieni J, Serafini MM, Davin A, Galbiati V, Corsini E, Racchi M. Dhea Modulates the Effect of Cortisol on Rack1 Expression Via Interference with the Splicing of the Glucocorticoid Receptor. Br J Pharmacol. 2015 Jan 27. [Epub ahead of print]
2. Galbiati V, Papale A, Galli CL, Marinovich M, Corsini E. Role of ROS and HMGB1 in contact allergen-induced IL-18 production in human keratinocytes. J Invest Dermatol. 2014 Nov;134(11):2719-27.
3. Nikitovic D, Berdiaki A, Galbiati V, Kavasi RM, Papale A, Tsatsakis A, Tzanakakis GN, Corsini E. Hyaluronan regulates chemical allergen-induced IL-18 production in human keratinocytes. Toxicol Lett. 2014 Oct 1;232(1):89-97.
4. Corsini E, Pinto A, Galbiati V, Viviani B, Galli CL, Marinovich M, Racchi M. Corticosteroids modulate the expression of the PKC-anchoring protein RACK-1 and cytokine release in THP-1 cells. Pharmacol Res. 2014 Mar;81:10-6.
5. Corsini E, Galbiati V, Esser PR, Pinto A, Racchi M, Marinovich M, Martin SF, Galli CL. Role of PKC-β in chemical allergen-induced CD86 expression and IL-8 release in THP-1 cells. Arch Toxicol. 2014 Feb;88(2):415-24.
6. Galbiati V, Bianchi S, Martínez V, Mitjans M, Corsini E. NCTC 2544 and IL-18 production: a tool for the in vitro identification of photoallergens. Toxicol In Vitro. 2014 Feb;28(1):13-7.
7. Corsini E, Budello S, Marabini L, Galbiati V, Piazzalunga A, Barbieri P, Cozzutto S, Marinovich M, Pitea D, Galli CL. Comparison of wood smoke PM2.5 obtained from the combustion of FIR and beech pellets on inflammation and DNA damage in A549 and THP-1 human cell lines. Arch Toxicol. 2013 Dec;87(12):2187-99.
8. Nikitovic D, Corsini E, Kouretas D, Tsatsakis A, Tzanakakis G. ROS-major mediators of extracellular matrix remodeling during tumor progression. Food Chem Toxicol. 2013 Nov;61:178-86.
9. Corsini E, Galbiati V, Nikitovic D, Tsatsakis AM. Role of oxidative stress in chemical allergens induced skin cells activation. Food Chem Toxicol. 2013 Nov;61:74-81.
10. Gibbs S, Corsini E, Spiekstra SW, Galbiati V, Fuchs HW, Degeorge G, Troese M, Hayden P, Deng W, Roggen E. An epidermal equivalent assay for identification and ranking potency of contact sensitizers. Toxicol Appl Pharmacol. 2013 Oct 15;272(2):529-41.
11. Martínez V, Galbiati V, Corsini E, Martín-Venegas R, Vinardell MP, Mitjans M. Establishment of an in vitro photoassay using THP-1 cells and IL-8 to discriminate photoirritants from photoallergens. Toxicol In Vitro. 2013 Sep;27(6):1920-7.
12. Corsini E, Galbiati V, Mitjans M, Galli CL, Marinovich M. NCTC 2544 and IL-18 production: a tool for the identification of contact allergens. Toxicol In Vitro. 2013 Apr;27(3):1127-34.

13. Teunis M, Corsini E, Smits M, Madsen CB, Eltze T, Ezendam J, Galbiati V, Gremmer E, Krul C, Landin A, Landsiedel R, Pieters R, Rasmussen TF, Reinders J, Roggen E, Spiekstra S, Gibbs S. Transfer of a two-tiered keratinocyte assay: IL-18 production by NCTC2544 to determine the skin sensitizing capacity and epidermal equivalent assay to determine sensitizer potency. Toxicol In Vitro. 2013 Apr;27(3):1135-50.
14. Gibbs S, Spiekstra S, Corsini E, McLeod J, Reinders J. Dendritic cell migration assay: a potential prediction model for identification of contact allergens. Toxicol In Vitro. 2013 Apr;27(3):1170-9.
15. Galbiati V, Martínez V, Bianchi S, Mitjans M, Corsini E. Establishment of an in vitro photoallergy test using NCTC2544 cells and IL-18 production. Toxicol In Vitro. 2013 Feb;27(1):103-10.
16. Galbiati V, Corsini E. The NCTC 2544 IL-18 assay for the in vitro identification of contact allergens. Curr Protoc Toxicol. 2012 Nov;Chapter 20:Unit 20.8.
17. Galbiati V, Carne A, Mitjans M, Galli CL, Marinovich M, Corsini E. Isoeugenol destabilizes IL-8 mRNA expression in THP-1 cells through induction of the negative regulator of mRNA stability tristetraprolin. Arch Toxicol. 2012 Feb;86(2):239-48.
18. Buoso E, Lanni C, Molteni E, Rousset F, Corsini E, Racchi M. Opposing effects of cortisol and dehydroepiandrosterone on the expression of the receptor for Activated C Kinase 1: implications in immunosenescence. Exp Gerontol. 2011 Nov;46(11):877-83.
19. Galbiati V, Mitjans M, Lucchi L, Viviani B, Galli CL, Marinovich M, Corsini E. Further development of the NCTC 2544 IL-18 assay to identify in vitro contact allergens. Toxicol In Vitro. 2011 Apr;25(3):724-32.
20. Galbiati V, Mitjans M, Corsini E. Present and future of in vitro immunotoxicology in drug development. J Immunotoxicol. 2010 Oct-Dec;7(4):255-67.
21. Mitjans M, Galbiati V, Lucchi L, Viviani B, Marinovich M, Galli CL, Corsini E. Use of IL-8 release and p38 MAPK activation in THP-1 cells to identify allergens and to assess their potency in vitro. Toxicol In Vitro. 2010 Sep;24(6):1803-9.
22. Corsini E, House RV. Evaluating cytokines in immunotoxicity testing. Methods Mol Biol. 2010;598:283-302.
23. Corsini E, Mitjans M, Galbiati V, Lucchi L, Galli CL, Marinovich M. Use of IL-18 production in a human keratinocyte cell line to discriminate contact sensitizers from irritants and low molecular weight respiratory allergens. Toxicol In Vitro. 2009 Aug;23(5):789-96.
24. Del Vecchio I, Zuccotti A, Pisano F, Canneva F, Lenzken SC, Rousset F, Corsini E, Govoni S, Racchi M. Functional mapping of the promoter region of the GNB2L1 human gene coding for RACK1 scaffold protein. Gene. 2009 Feb 1;430(1-2):17-29.
25. Corsini E, Racchi M, Lucchi L, Donetti E, Bedoni M, Viviani B, Galli CL, Marinovich M. Skin immunosenescence: decreased receptor for activated C kinase-1 expression correlates with defective tumour necrosis factor-alpha production in epidermal cells. Br J Dermatol. 2009 Jan;160(1):16-25.

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