

Curriculum Vitae

Last name, First name: Galli, Corrado Lodovico

Gender: Male

Nationality: Swiss

Overall Scientific Expertise:

Prof. Galli's professional studies and career have dynamically contributed both nationally and internationally to the promotion, continuous development and use of risk assessment using a robust scientific approach and strongly supporting the use of mechanistic toxicology to improve the risk assessment process. Developing an original research program with emphasis on molecular and cellular mechanism for toxicity, including in vitro toxicology, Prof. Galli has assisted numerous students and professionals in the field by demonstrating how chemicals exposure cause adverse effects under various situations and in certain populations. His key

research area includes exposure to low levels of chemicals in combination with other chemicals and environmental factors (i.e. food additives, food allergens, pesticides, contaminants) using molecular biology state-of-the arts tools (genomics and proteomics) to facilitate research in the prediction of how the exposure to chemicals will affect the host. Prof. Galli is author of more than 200 publications, and a member of numerous national and international scientific committees.

Experience in risk assessment

Prof. Galli was trained in Hazard Identification and Risk Assessment models within the International Program on Chemical Safety (IPCS) of World Health Organization (WHO) in Geneva (CH) attending for many years the activities of the Joint FAO/WHO Expert Committee on Food Additives (JECFA) (1978 - 1990). Along the years, he actively contributed, at national at international level, to promote the continued development and use of risk assessment using a robust scientific approach, strongly supporting the use of mechanistic toxicology, including in vitro toxicology, in order to improve the risk assessment process. He succeeded in disseminating his scientific primary belief, the study of mechanism of action of toxicants, serving as a Chairman of the National Advisory Toxicology Committee (CCTN) of Health Ministry, for Risk Assessment of carcinogens, genotoxic and teratogenic chemicals.

He is the Chairman of the National Advisory Pesticides Committee (CCPF) of Health Ministry for the registration of new pesticides in Italy and the European revision of already in use pesticides and biocides.

Prof. Galli has been invited regularly at the meetings of the Scientific Committee for Food (SCF) of the DG SANCO to discuss and quantify (NOAEL and ADI formulation) the safety of food additives, contaminants and flavourings. In particular he was member of the Sub-Committee of the SCF the for the safety evaluation of flavourings (SCOOP). Nominated Member of the Scientific Committee for Plant (SCP) in EU of the EU DG-SANCO. He was nominated member for two terms of the DG SANCO Scientific Committee on Consumer Safety (SCCS).

He served in the European Food Safety Authority (EFSA) as member of the Scientific Committee, of the Scientific panel on Contaminants in the food chain (CONTAM), of Botanical Work Group, of Risk assessment of the application of nanoscience and nanotechnologies in the food and feed chain, of Harmonised Approach for Risk Assessment of compounds which are both genotoxic and carcinogenic, of Exploring options for providing advice about possible human health risks based on the concept of Threshold of Toxicological Concern (TTC). He served in the Working Groups of the International Agency for Research on Cancer, (IARC).

Professional Experience

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation
1988	Full Professor	Full Professor of Toxicology at the Faculty of Pharmaceutical Sciences University of Milan	Risk assessment
1984	Associate	Associate Professor of Toxicology at the	Toxicology

	Professor	Faculty of Pharmaceutical Sciences University of Milan	
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Educational Background

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation
1978 to present	Diploma	Visiting Fellow as Consultant Toxicologist for studies on Hazard Identification and Risk Assessment models with the International Programme on Chemical Safety-IPCS of the World Health Organization (WHO) in Geneva, Switzerland	Chemistry, Biology, Biochemistry, Pharmacology, Toxicology, Environmental sciences related to Risk Assessment
1977	Dioploama	Visiting Fellow and Visiting Associated Professor at the National Institute of Mental Health (NIMH) in Washington D.C. (USA)	Neuropharmacology and Toxicology
1974	Diploma	Awarded several fellowships from the Swiss Research Council and The Italian Nutrition Foundation	Neuropharmacology
1973	Degree	Graduated summa cum laude in Pharmacy from The University of Milan, Italy	Chemistry, Biology, Biochemistry, Pharmacology, Toxicology, Environmental sciences

Memberships in Scientific Advisory Bodies/Committees/Panels (if any):

World Health Organization (WHO)

- Member of the Expert Group "Risk Assessment of Carcinogens and Mechanism of Action" of the International Agency for Research on Cancer (IARC).
- Toxicological Expert of the International Program on Chemical Safety (IPCS) as Member of the Joint WHO/FAO Expert Committee on Food Additives (JECFA) and Joint Meeting on Pesticide Residues (JMPR).

European Union (UE)

European Food Safety Authority (EFSA)

- Member of the Scientific Committee (SC)
- Member of the Panel on Contaminants in the Food Chain (CONTAM)
- Member of the SC Working Group on Genotoxicity Testing Strategies
- Member of the WG Training on principles and methods of food safety Risk Assessment
- Chair of the working group for the safety assessment of lead
- Member of the working group for the safety assessment of melamine
- Member of the working group for the safety assessment of botanicals and botanical preparations. Scientific cooperation project - ESCO
- Member of the work group on the review of the efficiency of the pesticide Peer-Review Process
- Member of the SC working group for the possible application of the Threshold of Toxicological Concern (TTC) concept for the evaluation of chemical substances
- National expert to the Pesticide Risk Assessment Peer Review Unit (PRAPeR)
- Chair of the SC working group on applications of nanoscience and nanotechnologies to food, feed and pesticides

European Chemicals Agency (ECHA)

- Toxicological expert in Risk Assessment

Directorate General for Health and Consumer Affairs (DG-SANCO)

- Member of the Scientific Committee on Plants (SCP)
- Member of the Scientific Committee for the toxicological evaluation of cosmetic products and non-food (SCCP-Scientific Committee on Consumer Products).
- Toxicological expert of the scientific committee on food additives (SCF)
- Member of the working group on Flavourings (SCOOP-FLAVIS)
- Coordinator for drafting European guidelines for the training of risk assessors (EUROTOXRAAP-

DG SANCO)

- Member of the scientific committee on Consumer Safety (SCCS)
- Independent expert evaluator in the Sixth Framework Program Food Quality and Safety to referee integrated projects (IP) and Networks of excellence (NoE)
- Toxicological Expert in the working group "Toxicity of Anabolic Agents in Animal Production"

Italian Ministry of Health

- Member of National Advisory Biocides Committee
- Member of the committee for the evaluation the Carcinogenic, Mutagenic and Teratogenic potential of chemicals
- Toxicological expert in the Health Committee Ministry Advisory
- Coordinator of the working group of the National Advisory Pesticides Committee (CCPF) for the notification of new chemical substances for national use as pesticide
- National delegate of the National Advisory Pesticides Committee (CCPF) for the registration of new pesticides and for the enclosure of pesticides in the European positive list (Annex I)
- Toxicological Expert of the National Advisory Committee on Food Safety

Ministry of Agriculture

- Member of the commission for the development of the new guidelines "Italian Guidelines for a Healthy Diet" under the National Institute of Food Research

Scientific Research and University Ministry (MURST)

- Responsible of relevant scientific projects
- Independent evaluator of strategic projects PNR 2005-2007

Lombardy Region and Agency for Environmental Protection of Lombardy Region (ARPA)

- Toxicological Expert in the Commission for "Atmospheric Pollution Risk Assessment"
- Toxicological expert for the rewriting of the document "Quality of air and health"

Food and Drug Administration (FDA) and Environmental Protection Agency (US-EPA)

- Occasional external consultant

CEFIC

- Member of the External Science Advisory Panel (ESAP)

ILSI Europe

- Member of the Scientific Advisory Committee (SAC)
- Member of the Board of Directors (BOD)
- Chair of Expert Group on the application of the threshold of toxicological concern (TCC) concept to unexpected peaks in food.
- Resigned from ILSI BOD March 2016

Memberships in Learned Societies (if any):

- TOXICOLOGY FORUM Vice President for European Affairs (2011)
- IUTOX (International Union of Toxicology) Executive Committee Director (2001-2007), Chairman of the Certification/Registration Task Force (formerly IART International Assembly for the Recognition of Toxicologists)
- EUROTOX (European Society of Toxicology) Honorary Member (2011), Past President (2008-2010), President of the Executive Committee (2006-2008), Chairman of the Registration Sub-Committee (2004-2006), Chair of the EUROTOX Risk Assessment (ERAS) Speciality Section
- SITOX (Italian Society of Toxicology), President-elect 2015, Council Member (2013-2016) Council member (2009-2012), President of RENTIC (National Register of Italian Certified Toxicologists). Vice-President (2000-2006), Council member (1983-1989)
- SIF Italian Society of Pharmacology
- CELLTOX Italian Association in vitro Toxicology
- SSPT Swiss Society of Pharmacology and Toxicology
- SOT Society of Toxicology (USA)

Memberships in Editorial Boards (if any):

Toxicological Sciences, Toxicological Research Excerpta Medica Abstract Journal: Toxicology Section, Pharmacological Research: Toxicology Section; Toxicology Letters, Food and Chemical Toxicology

List of Publications:

Prof. C. L. Galli published **209 peer reviewed scientific paper all in International Journal.**

169: Galli CL, Dybing E.

The multiple facets of human risk assessment of chemical exposures: recognising the late Professor Robert Kroes. Preface. *Toxicol Lett.* 2008 Aug 15;180(2):67. doi: 10.1016/j.toxlet.2008.06.855. Epub 2008 Jun 17. PubMed PMID: 18602974.

168: [Rietjens IM](#), [Slob W](#), [Galli C](#), [Silano V](#). Risk assessment of botanicals and botanical preparations intended for use in food and food supplements: emerging issues. *Toxicol Lett.* 2008 Aug 15;180(2):131-6. doi: 10.1016/j.toxlet.2008.05.024. Epub 2008 Jun 17. Pub Med PMID: 18602975

167: Galli CL, Marinovich M, Lotti M. Is the acceptable daily intake as presently used an axiom or a dogma? *Toxicol Lett.* 2008 Aug 15;180(2):93-9. doi: 10.1016/j.toxlet.2008.06.003. Epub 2008 Jun 8. Review. PubMed PMID: 18588960.

191: Koster S, Boobis AR, Cubberley R, Hollnagel HM, Richling E, Wildemann T, Würtzen G, Galli CL. Application of the TTC concept to unknown substances found in analysis of foods. *Food Chem Toxicol.* 2011 Aug;49(8):1643-60. doi:10.1016/j.fct.2011.03.049. Epub 2011 Mar 30. Review. PubMed PMID: 21457749

198: Testai E, Galli CL, Dekant W, Marinovich M, Piersma AH, Sharpe RM. A plea for risk assessment of endocrine disrupting chemicals. *Toxicology.* 2013 Aug 11. pii: S0300-483X(13)00210-2. doi: 10.1016/j.tox.2013.07.018. Epub 2013 Aug 11. Review. PMID: 23939142 *Toxicology: [Volume 314, Issue 1](#)*, 6 December 2013, Pages 51–59

200: [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. doi: 10.1007/s00204-013-1144-z. Epub 2013 Oct 18.

202: 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 Apr 29. doi: 10.1038/jid.2014.203. [Epub ahead of print] PMID: 24780928 [PubMed - as supplied by publisher]

204: Galli CL, Altenpohl A. Health risk assessment of chemicals – A commentary on requirements for the provision of training. *Toxicology Letters: Volume 229, Issue 2*, 2 September 2014, Pages 381–383 DOI: 10.1016/j.toxlet.2014.06.846 Received 2 April 2014, Revised 27 June 2014, Accepted 30 June 2014, Available online 1 July 2014

206: M. Marinovich, M.S. Boraso, E. Testai, C.L. Galli. Metals in cosmetics: An a posteriori safety evaluation - In: REGULATORY TOXICOLOGY AND PHARMACOLOGY. - ISSN 0273-2300. - 69:3(2014), pp. 416-424.

Scheda non visibile sul portale pubblico

Link alla pubblicazione: <https://air.unimi.it/handle/2434/260108>

205: Galli CL, [Sensi C](#), [Fumagalli A](#), [Parravicini C](#), [Marinovich M](#), [Eberini I](#). A computational approach to evaluate the androgenic affinity of iprodione, procymidone, vinclozolin and their metabolites: PLOS ONE PONE-D-14-15886R2 10.1371/journal.pone.0104822 - PLoS One. 2014 Aug 11;9(8):e104822. doi: 10.1371/journal.pone.0104822. eCollection 2014. Sent to Production - [EMID:f5ef41d4b3a565a9], 22 luglio 2014

209: C.L. Galli: Novel analytical method to measure formaldehyde release from heated hair straightening cosmetic products: impact on risk assessment.- In: Regulatory Toxicology and Pharmacology – Reference: YRTPH3295 - DOI: 10.1016/j.yrtph.2015.05.010 – Article revised: 20april2015