



Michela Dall'Osto, DVM
Regulatory Toxicologist

Professional Profile

Dr. Michela Dall'Osto is a Regulatory Toxicologist in Exponent's Health Sciences Center for Chemical Regulation and Food Safety and is based in Harrogate, UK working from Northern Italy. Dr. Dall'Osto worked at first as a veterinary surgeon (for 1 year) and then for more than 13 years in an Italian agrochemicals company, involved in research and development of new agrochemicals. During this time she supervised and monitored a wide range of both basic and bespoke toxicity studies including mechanistic toxicological studies. Dr. Dall'Osto was also the Quality Assurance Unit Manager in the company's Testing Facility for 3 years covering the Metabolism & Environmental Fate Group and Residue Analysis Unit. She has developed in-depth knowledge of the toxicological properties of agrochemicals and has a good knowledge of all elements of dossier preparation particularly in relation to the European Plant Protection Directive 91/414 and its associated working documents. Dr. Dall'Osto has had several face-to-face, in-depth discussions with EU regulatory authorities.

Since joining Exponent in 2006, her toxicology capabilities have been applied to a wider range of substances including biocidal and chemical products. Dr. Dall'Osto has provided the toxicological expertise and input to address EU biocide and REACH regulatory requirements, and also US FIFRA and TSCA regulatory requirements.

Academic Credentials and Professional Honors

Dottore in Medicina Veterinaria, Università degli Studi di Milano, Italy, 1991

State examination giving right to practice and entry into the Italian official register of veterinarians, 1991

Languages

Italian and English

Relevant Experience

- Monitored toxicological and ecotoxicological studies for a wide range of agrochemical active substances and formulated products, including long-term and carcinogenicity studies. Identified and/or designed specific protocols for mechanistic studies.
- Prepared relevant sections of dossiers for several list 1 to 3 active ingredients, and new active ingredients, according to Directive 91/414/EEC and subsequent revisions (both rev. 8 and OECD formats).
- Prepared relevant sections of dossiers for biocide active ingredient submissions (both new and existing active ingredients) according to Directive 98/8/EEC.
- Prepared relevant sections of Tolerance Exemption Petitions for the US EPA.
- Prepared documents for up-dated JMPR evaluations.
- Input data into IUCLID data sets and prepared the “Human health hazard assessment” section of several CSRs, deriving relevant DN(M)ELs for workers and general population risk assessment.
- Contributed to the European Dimethoate Task Force, the US Triazole Task Force Toxicology SubTeam and another US regulatory Task Force.
- Convened an expert group of pathologists to address Classification and Labeling for an active ingredient.

Publications

Belloli C, Ormas P, Dall’Osto M, Arioli F, Beretta C. Effect of mu-stimulation on drinking behaviour in sheep. Atti del XLV Convegno S.I.S. Vet, 1991.