



Exponent[®]
Engineering & Scientific Consulting

Ryan Richards-Doran

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Professional Profile

Mr. Richards-Doran is an experienced regulatory toxicologist with in-depth knowledge of European pesticide regulations gained during his eleven years working for major crop protection companies. As a regulatory toxicologist Mr. Richards-Doran has provided toxicology leadership within multidisciplinary project teams at many stages of the product life cycle, from compound development to defense of existing products in the marketplace. Throughout his career, he has developed an in-depth understanding of developmental and reproductive toxicology, and assessment of endocrine disruption in mammals, and the regulatory frameworks used to assess and classify substances for these toxicological endpoints, and is able to utilize this knowledge and experience when developing options for the techno-regulatory positioning of challenging toxicological issues.

Mr. Richards-Doran has considerable experience of developing and delivering the technical strategy for all areas of the submission dossier that require expert toxicological input, such as assessment of dietary residues, ground water metabolites, and manufacturing specifications and has provided toxicology expert representation at pre- and post-submission discussions with regulatory authorities in Europe, and has advocated expert technical positions for agrochemical companies at the European commission (DG Santé) and ECHA RAC.

Academic Credentials & Professional Honors

M.Sc., Toxicology, University of Birmingham, UK, 2004

B.Sc., Physiology & Pharmacology, Nottingham Trent University, UK, 2002

Prior Experience

Senior Toxicologist – Product Safety (Toxicology and Health Science), Dow Agrosiences 2018-2019

Technical Expert – Product Safety (Toxicology and Health Science), Syngenta 2014-2018

Senior Scientific Officer – Human and Environmental Safety Assessor, veterinary medicines directorate (VMD), 2013-2014

Technical Expert – Product Safety (Toxicology and Health Science), Syngenta 2008-2013

Professional Affiliations

Member of the British Toxicology Society (BTS)

Project Experience

Design, placement, interpretation and positioning of all toxicology studies (considerable experience of DART studies) to support active substance submissions and renewals.

Data-gap evaluation and design and implementation of regulatory strategies to address toxicological concerns for new and existing active ingredients for a range of industries including pesticides, biocides, and general chemicals.

Preparation and evaluation of active ingredients for endocrine disruption activity according to EFSA/ECHA guidance to meet the requirements of EU 283/2013.

Development of read-across positions that underpin testing strategies for REACH.

Preparation of all toxicology sections of new submission or renewal dossiers for active ingredients.

Development of toxicology testing strategies for plant protection products that are in development.