



Exponent®
Engineering & Scientific Consulting

Marine Le Bras, Pharm.D., MSc, ERT

Senior Scientist | Chemical Regulation and Food Safety

Basel

+41-612-012-943 | mlebras@exponent.com

Professional Profile

Dr. Marine Le Bras is a Regulatory Toxicologist with over 8 years of consulting experience, providing expert support for regulatory registrations and scientific assessments across Europe and international markets. She works with clients in the crop protection, biocides, and industrial chemicals sectors, combining scientific expertise and regulatory insight to support product registrations, compliance, and market access.

Within Exponent's Chemical Regulation & Food Safety practice, Dr. Le Bras supports clients with regulatory and scientific challenges related to active substance and product registration, human health risk assessment, and regulatory compliance. She provides support throughout the product lifecycle, including toxicological data evaluation, preparation of regulatory documentation, development of scientific position papers and interactions with regulatory authorities.

Dr. Le Bras has developed broad expertise in regulatory toxicology and chemical safety through her experience supporting the registration, maintenance, and regulatory compliance of plant protection products. Her areas of expertise include human health risk assessment, toxicological hazard characterization, exposure assessment, and regulatory strategy development. She has experience evaluating toxicological datasets, deriving toxicological reference values (TRVs), advising on CLP and UN-GHS hazard classifications, and preparing and reviewing regulatory dossiers for submissions in Europe and internationally. In addition, she has coordinated multidisciplinary registration projects, overseen *in vitro* and *in vivo* toxicology programs, and provided strategic scientific support for global registrations.

Drawing on her background as a pharmacist and toxicologist, together with experience gained in industry, government, laboratories, and consulting, Dr. Le Bras brings a broad and multidisciplinary perspective to regulatory toxicology and chemical safety. This diverse experience enables her to effectively address scientific and regulatory challenges across different sectors and stages of product development. She continues to develop expertise in emerging areas of toxicology, including New Approach Methodologies (NAMs), QSAR and read-across approaches, and endocrine disruption (ED) assessment, while keeping abreast of scientific and regulatory developments through professional conferences and training activities.

Academic Credentials & Professional Honors

Pharm.D., Pharmacy, University of Paris Cité, 2016

Prior Experience

Toxicologist, Dr. Knoell Consult Schweiz GmbH (Basel, Switzerland) 2020-2025 then Knoell France SAS (Lyon, France), 2025-2026

Toxicologist, Eurofins Agrosiences Regulatory, Rheinfelden, Switzerland, 2018-2019

Professional Affiliations

European Register of Toxicologists (ERT)

Société Française de Toxicologie (SFT)

Publications

M Arnaout, A Marincamp, M Reffiena, A-S Debue, M Le Bras, C Boulila, P Lucas, S Cabon, A Feltry, F Daviaud, J Charpentier, J-P Mira, A Cariou, J-D Chiche, Groupe de Travail sur la Ventilation. "[Systematic evaluation of intakes in patients receiving non-invasive ventilation: the starve study](#)," Intensive Care Medicine Experimental, 2015, 3(Suppl 1):A827. From ESICM LIVES 2015, Berlin, Germany. 3-7 October 2015.

D. Sarti, J. Wagner, F. Palma, H. Kalvan, M. Giachini, D. Lautenschlaeger, V. Lupianhez, J. Pires, M. Sales, P. Faria, L. Bertomeu, M. Le Bras. "[Interpretable machine learning unveils key predictors and default values in an expanded database of human in vitro dermal absorption studies with pesticides](#)," Regulatory Toxicology and Pharmacology, Volume 159, June 2025.

Additional Education & Training

Forensic Toxicology and Doping, Master of Advanced Studies (MAS) in Toxicology 2022-2024

Toxicologie de la reproduction et du développement en evaluation non clinique, CEFIRA Sciences de la Vie, 2023

Basic and Advanced Practical Training for the use of the QSAR Application Toolbox developed by OECD and the Laboratory of Mathematical Chemistry, 2018.