



Exponent[®]
Engineering & Scientific Consulting

Michael Brauer

Senior Scientist | Chemical Regulation and Food Safety

Basel

+41 61 201 2439 | mbrauer@exponent.com

Professional Profile

More than 10 years of expertise, responsible for projects of clients supporting the registration of chemical products and participate in internal research projects and trainings. Evaluate environmental fate studies, conduct, and supervise the preparation environmental exposure assessments and dossier. Represent the company at conferences and workshops. Support of clients in the preparation of risk assessment strategies, the preparation of reports and risk assessment dossiers and the training of new colleagues. R and C# programming for several tools including automation and higher performance flow through.

Academic Credentials & Professional Honors

M.S., Biology, Martin Luther University, 2010

Prior Experience

Environmental Fate Modeller Eurofins, Regulatory AG, March 2016–June 2019 · Rheinfelden, Swiss

Environmental Fate Modeller, WSC Scientific GmbH, Feb. 2013–Feb. 2016 · Heidelberg, Germany

Environmental Specialist, University Marburg, Oct. 2010–Oct. 2012 · Marburg, Germany

Publications

Virus induces overexpression in wheat und function of the maize GST25 during Ustilago maydis infection. Diploma theses Max-Planck-Institute Marburg (University Halle/Wittenberg) 2010

Presentations

FOCUS SW REPAIR – Stage 2 testing - Test design and purpose Poster presentation at Pesticide Behaviour in Soils, Water and Air, York · 31. August- 02. Sept. 2022

Influence of 26-year FOCUS SW simulations in calculation times and hardware requirements Poster presentation at XVI Symposium on Pesticide Chemistry, Piacenza · 1. Sept. 2019

Weber D, Brauer M, Bolekhan A; Spickermann G, Schäfer D (2018): Multi-year evaluations in the FOCUS Surface Water assessment — results of beta testing. SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome, Italy.

Weber D, Brauer M, Bolekhan A; Ranke J, Spickermann G, Schäfer D, Wais A (2017): Multi-Year

evaluations in the FOCUS Surface Water assessment. Pesticide Behaviour in Soils, Water and Air, 30 August - 1 September 2017, University of York, UK.

Project Experience

Michael Brauer has more than 10 years of experience with the performance of environmental exposure and risk assessments within the registration process for plant protection products, in close cooperation with ecotoxicology and regulatory affairs. In addition, he has wide experience in software programming.

Michael Brauer works in the area of environmental, ecological and effect modelling as part of the regulatory requirements for environmental risk assessments of plant protection products. The working areas range from standard exposure modelling with regulatory required models and derivation of modelling endpoints and more. In addition, he develops software tools for automation and simulation models as supporting tools for higher-tier risk assessments