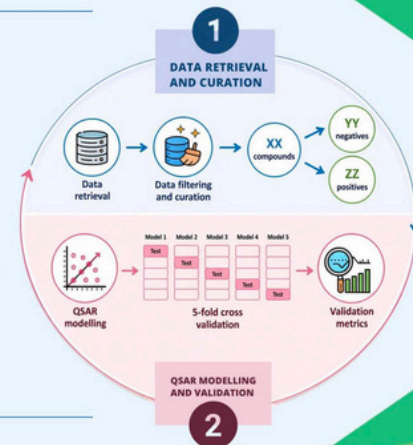


TRAINING #5

Application of QSAR Predictive Models in Toxicology: Supporting Safe-and-Sustainable-by-Design (SSbD) Assessment

Interactive Online Training • Presented by ProtoQSAR • 12 November 2026, 10:00 – 12:00 (CEST)



BIO-SUSHY TRAINING #5

Thursday, November 12, 2026, 10:00–12:00

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Application of QSAR Predictive Models in Toxicology: Supporting Safe-and-Sustainable-by-Design (SSbD) Assessment

Time	Segment	Format	Lead	Details & Objectives
10:00 – 10:10	Welcome & Introduction	Presentation	AXIA	- Welcome, housekeeping (mic, chat, help). - Brief introduction to BIO-SUSHY and the role of predictive toxicology. - Introduction of ProtoQSAR expert(s). - Overview of the training objectives.
10:10 – 10:35	Module 1: QSAR Fundamentals & Regulatory Context	Presentation	ProtoQSAR	- Introduction to QSAR models and their role in toxicology. - Overview of model development, validation and applicability domain. - Regulatory acceptance and main limitations of QSAR predictions.
10:35 – 10:55	Module 2: QSAR in BIO-SUSHY & SSbD	Presentation	ProtoQSAR	- Role of predictive toxicology in SSbD-hazard assessment - Limitations and possible approaches for QSAR integration in the SSbD assessment - Introduction to the platform used during the practical exercise.
10:55 – 11:10	Module 3: Hands-on QSAR Exercise	Interactive Guided Work	ProtoQSAR	- Demonstration of a predefined QSAR prediction. - Support and guidance from ProtoQSAR during the exercise.
11:10 – 11:40	Module 4: Results Analysis & Link to SSbD	Interactive Discussion	ProtoQSAR	- Interpretation of QSAR results. - Discussion of reliability, applicability and limitations of the predictions. - Linking QSAR results to hazard assessment and SSbD decision-making
11:40 – 11:55	Q&A & BIO-SUSHY Applications	Open Discussion	ALL	- Open floor for technical and project-related questions. - Discussion of potential applications of QSAR approaches within BIO-SUSHY and beyond.
11:55 – 12:00	Wrap-up & Next Steps	Presentation	AXIA	How to access the recording, slides.