

# SaferSkin™

## T R A I N I N G

Skin Safety Assessment Training  
in DPRA, KeratinoSens™,  
h-CLAT and SaferSkin™



2024

Supported by: **EdelweissConnect**



# About training

**Date:**

11th to 12th April 2024

**Location:**

SaferWorldbyDesign  
Auditorium C1\_43,  
Hochbergerstrasse 60C,  
4057 Basel, Switzerland

## Objective

This training program is designed to offer a comprehensive understanding of skin sensitisation cell models, encompassing DPRA, KeratinoSens™ and h-Clat. Participants will delve into the SaferSkin™ *in silico* platform, learning to compare models and employ defined approaches for skin sensitisation, crucial for effective risk assessment and regulatory compliance.

Through a focus on practical demonstrations, hands-on exercises and data analysis, attendees will enhance their proficiency in applying these methodologies to assess skin sensitisation.



## What to expect

Embark on a learning journey that goes beyond the confines of the classroom. Your training ticket not only grants access to in-depth insights into skin sensitisation but also includes a range of experiences to make your stay in Basel truly memorable. The all-inclusive price covers a delightful evening city tour, apéros for networking, and a Swiss dinner - all meticulously organised by our team. Expect a perfect blend of knowledge and cultural immersion, ensuring that your training experience is both enriching and enjoyable.

## Benefits

- **Deep Understanding:** Grasp the ins and outs of skin sensitisation mechanisms, tests, and regulations.
- **Data Analysis Skills:** Develop expertise in analyzing, interpreting, and validating skin sensitisation data.
- **Holistic Knowledge:** Covering regulatory landscapes and advanced applications, participants gain a well-rounded understanding of skin sensitisation testing.
- **Practical Application:** Acquire the know-how to apply SaferSkin™ in early-stage testing, integrating multiple models for robust risk assessment.
- **Cultural Immersion:** Immerse yourself in Basel's culture with included city tour, delightful local food experiences, and networking opportunities in a pleasant environment—all thoughtfully organised by our team.
- **Networking Opportunities:** The event is designed to fostering connections and knowledge exchange among experts and participants.

# Training Program

## Day 1

- 09:00 Introduction to skin sensitisation and the regulatory context
- What is skin sensitisation, mechanisms, key events, adverse outcome pathways, key event assays (DPRA, KeratinoSens™, h-CLAT)?
  - Overview of skin sensitisation cell models and assays, including DPRA; h-CLAT, KeratinoSens, SENS-IS, GARD.
  - Why is regulation important?
  - Overview over requirements from regulatory agencies relevant for skin safety assessment.
- 12:30 Lunch Break
- 13:30 Introduction to *in silico* modelling
- Introduction to SaferSkin™ software
  - Principles behind SaferSkin™ models (Bayesian network, Multiple regression, SkinDoctor, etc.)
  - Characterisation scoring using OECD 497 defined approach
  - Modelling skin Irritation, phototoxicity, skin penetration
  - Comparison and discussion of model results
- 16:30 City tour in Basel
- 20:00 Dinner in the city
- 21:30 End of the day

# Training Program

## Day 2

- 09:00     **Recap - Q&A**
- Skin sensitisation assay protocols and Good Laboratory Practices (GLPs)
- 10:30     Coffee break
- 11:00     ◦ Demonstrations of sample preparation and testing protocols for h-CLAT and KeratinoSens assays
- 12:30     Lunch
- 13:30     **Principles and Best Practices** (Experimental)
- Discussion of Step-by-step execution of the assay protocols by participants in small groups
- 14:30     **Case Study Work**
- Advanced applications and case studies of skin sensitisation testing
  - Defined Approaches including OECD guidance
  - Hands-on experience on skin sensitisation tools, data analysis and reporting
  - Case studies on different compounds (Case study task sheet)
- 16:30     Final discussion and Q&A session
- 17:00     End of the day

\*This training will not involve lab experience. If you wish to have some hands-on lab experience please [contact us](mailto:customersupport@saferworldbydesign.com) to coordinate further training at customersupport@saferworldbydesign.com

\*There is an extended training option available under request.

## Meet the Faculty



**Barry Hardy**  
Expert in best  
Regulatory Practices



**Tomaz Mohoric**  
Expert in *In silico*  
testing



**Pascal Ankli**  
Expert in case  
studies

## Logistics

- The training will be conducted at our state-of-the-art facilities (Technology Park, Basel), equipped with the necessary materials.
- The city tour agenda is organised by us and the costs are included in the training fee (city tour, apéros, dinner)
- Participants are responsible for their travel and accommodation arrangements, although we can provide assistance if needed.
- We have created a Basel Guide with basic information on how to get the best out of your visit in our city. Read the [Basel City Guide here](#).
- For more information, we will be contacting participants through email. Make sure you're registered to the event. [Registration here](#).

## Pricing

- The cost for the two-day training is 1'500 € per person (1'000 € Non-Private Sector, 750 € student). This estimate includes training materials, demonstrations, practical exercises and expert guidance. The fee also covers lunch, coffee breaks and the dinner evening out in Basel.
- For a more customised training, please contact us at [customersupport@saferworldbydesign.com](mailto:customersupport@saferworldbydesign.com)

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