



DEPARTMENT
OF PHARMACEUTICAL SCIENCES

Seminars on Drug Sciences (SDS)

Lecture of

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Critical Thinking in Pharma: From Human Error to Risk Tools and Data Analytics

Human error influences many decisions in the pharmaceutical industry, yet modern risk tools and data-driven methods offer strong protection against its impact. This talk explores the psychological roots of human mistakes and highlights practical strategies to reduce them. It covers the use of structured risk analysis, clear and intuitive data visualization, and the principles of statistical process control (SPC) to monitor variation. It also explains how multivariate data analysis (MVDA) can reveal complex patterns that support better, more reliable decision-making.

Wednesday, March 11, 2026

17:15 - 18:15

Lecture Hall 1, Pharmacenter, Klingelbergstrasse, 50, Basel

Host: Prof. A. Odermatt
Molecular & Systems Toxicology



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