



Final announcement of BBS Seminar: **Causal mediation analysis in clinical research**

**Thursday, October 30th 2025, 13:00-17:00
Building 71, Roche campus & virtual**

Seminar description

Causal mediation analysis is becoming an increasingly prevalent method within drug development due to its potential to elucidate the pathways through which treatments exert their effects. This seminar will delve into the rising importance of these analyses, offering insights from academic researchers, regulatory experts, and industry practitioners. The program will feature diverse applications, including surrogate endpoints, mechanism of action, and intercurrent events, each demonstrating the broad utility of causal mediation analysis in modern clinical research.

Confirmed speakers

- Mats Stensrud (EPFL)
- Florian Lasch (EMA)
- Hege Michiels (Argenx)
- Alex Ocampo (Novartis)
- Georgios Kazantzidis (Roche)
- Vanessa Didelez (BIPS and University of Bremen)

Organizing committee

Baldur Magnusson (UCB), Giusi Moffa (University of Basel), Alex Ocampo (NVS/Roche)

Participation is free of charge, but registration is required. Click [here](#) to register.

Getting Started

13:00 Welcome

Setting the scene – perspectives from academia and regulatory

13:10 *Foundations and conceptual rationale for causal mediation analysis*
Mats Stensrud (EFPL)

13:45 *Exploring causal mediation methods for analysing clinical trials*
Florian Lasch (EMA)

Case studies – practical applications of causal mediation methodology

14:20 *A novel estimand to handle rescue medication in RCTs: the link with mediation analysis*
Hege Michiels (argenx)

Coffee break (14:40-15:10)

15:10 *Simplifying causal mediation analysis for time-to-event outcomes using pseudo-values*
Alex Ocampo (Roche)

15:30 *Mediation analysis with Bayesian non-linear joint models. Treatment pathways between tumor growth kinetics and overall survival*
Gergios Kazantzidis (Roche)

Looking ahead – concluding presentation and panel discussion

15:50 *In search of research questions for causal mediation analysis*
Vanessa Didelez (BIPS and University of Bremen)

16:25 *Panel discussion with all speakers*
Moderated by Giusi Moffa (University of Basel)

16:55 Closing remarks