Danish Society for Biopharmaceutical Statistics

DSBS Two-day Course

Adaptive clinical trial designs: meeting the ICH E20 guidelines

20-21 Jan 2027

Hosted by Genmab A/S

Lecturer:
Christopher Jennison, Professor of Statistics, Dept of Mathematical Sciences, University of Bath

The practical sessions are co-organized by **Christopher Jennison**, **Paul Blanche** (Associate Professor, Section of Biostatistics, University of Copenhagen), and **Anne Lyngholm Sørensen** (Post Doc, Section of Biostatistics, University of Copenhagen). All three will be present during the practical sessions to provide individual support and answer questions from participants.

This course covers the design and analysis of clinical trials using group sequential stopping rules and adaptive designs. Topics include error-spending methods, combination tests to protect the type I error rate, closed testing procedures for controlling the family-wise error rate, seamless Phase II/III designs, and other adaptive approaches. Participants will see how to implement these methods in RPACT and practice using the software.

The course will also review the requirements for adaptive trials in the recent ICH E20 Guidance and their implications for trial design and analysis. In particular, we will discuss how to obtain approximately unbiased estimates and confidence intervals following adaptive designs.

Participants should bring a laptop with RStudio and RPACT installed.

Time
9-16 both days

Venue
Carl Jacobsens Vej 30
2500 Valby
Denmark

Registration
The course fee is DKK 2000. Please register using https://forms.cloud.microsoft/e/LYCnQBCRNp or QR code below

Deadline
Registration opens on Thursday,19 November, and closes on Thursday, 17 December 2026.

There is a maximum of 30 participants. The first come, first serve principle will be applied.

Note that registration is binding and the fee will not be refunded in case of cancellations.