



DSBS Course

Probability of Success in Biomedical Research

25 February 2025

Hosted by Ferring Pharmaceuticals A/S

Ever thought about how the probability of success of research projects is estimated in the complex world of clinical development? This course will give you an introduction to estimation of probability of success and provide specific tools for quantifying the uncertainty involved in research projects.

Specifically, the objectives are to:

- Understand how to obtain a probability of success estimate for a research project.
- Ability to discuss various success criteria and their pros and cons.
- Understand how to interpret and use a probability of success estimate.
- Understand how to derive or elicit a prior distribution. Awareness of cognitive bias and methods for mitigation of such bias.

The course will take place in person and will consist of a combination of lectures and exercises.

The course material will consist of slides and for further reading the book "Hybrid Frequentist/Bayesian Power and Bayesian Power in Planning Clinical Trials" by Andrew P. Grieve is recommended ([link](#)).

Instructors: Corine Baayen (Ferring Pharmaceuticals)

Time 9:00-15:00;
25 February

Venue

Ferring Pharmaceuticals A/S
Amager Strandvej 405,
2770 Kastrup

Registration

The course fee is DKK 300, including lunch.

Please sign up using this link:

[Link to registration](#)

Deadline

Please register no later than Friday, 14 February 2025.

There is a limit to the number of attendees and the first come, first serve principle will be applied.