



Danish
Diabetes
Academy

PhD Course on
Meeting the Reproducibility
Challenges in Research
– importance of quality
assessment in the laboratory

6-7 October 2020

Aarhus University
Building 1422,
Richard Mortensen Stuen
Frederiks Nielsens Vej 2
DK-8000 Aarhus C

Programme

Tuesday 6 October



09.30-10:00	Registration & breakfast
10:00-10:30	Welcome & introduction Associate Professor Mette Bjerre , Aarhus University (DK) & Postdoc Rikke Hjortebjerg , Steno Diabetes Center Odense (DK)
10:30-11:15	Quality Time: Challenges in Irreproducible Research Associate Professor Mette Bjerre , Aarhus University (DK) & Postdoc Rikke Hjortebjerg , Steno Diabetes Center Odense (DK)
11:15-11:30	Coffee break
11:30-12:00	Introduction to Immunoassays Associate Professor Mette Bjerre , Aarhus University (DK) & Postdoc Rikke Hjortebjerg , Steno Diabetes Center Odense (DK)
12:00-13:00	Lunch
13:00-14:00	Developing, analysing and validating immunoassays – part 1 Associate Professor Mette Bjerre , Aarhus University (DK) & Postdoc Rikke Hjortebjerg , Steno Diabetes Center Odense (DK)
14:00-14:15	Coffee break
14:15-15:00	Keynote talk: When Are Two Samples Alike? Medical Doctor, PhD Eva Rabing Brix Petersen , Sygehus Sønderjylland (DK)
15:00-15:15	Questions & answers
15:15-16:00	Interactive Case Studies

Associate Professor **Mette Bjerre**, Aarhus University (DK) &
Postdoc **Rikke Hjortebjerg**, Steno Diabetes Center Odense (DK)

16:00-16:15 Coffee break

16:15-17:00 **Keynote talk:** What Happens When Research Results Cannot Be Reproduced? A Historical Perspective from a Physicist and Philosopher

Associate professor **Kristian Hvidtfelt Nielsen**, Aarhus University (DK)

17:00-17:30 Questions & answers

18:30-21:00 Dinner at Juliette Café & Brasserie
Jægergårdsgade 54
8000 Aarhus C

Programme

Wednesday 7 October

08:30-09:15 Breakfast & recap

09:15-10:15 Developing, analysing and validating assays – part 2

Associate Professor **Mette Bjerre**, Aarhus University (DK) &
Postdoc **Rikke Hjortebjerg**, Steno Diabetes Center Odense (DK)

10:15-10:30 Coffee break

10:30-11:30 Introduction to Department of Clinical Biochemistry, Aarhus University Hospital

Biochemist **Cindy Søndersø Knudsen**, Aarhus University Hospital (DK)

11:30-12:00 Interactive Case Studies

Associate Professor **Mette Bjerre**, Aarhus University (DK) &
Postdoc **Rikke Hjortebjerg**, Steno Diabetes Center Odense (DK)

12:00-13:00 Lunch

13:00-14:00 Interactive Case Studies

Associate Professor **Mette Bjerre**, Aarhus University (DK) &
Postdoc **Rikke Hjortebjerg**, Steno Diabetes Center Odense (DK)

14:00-14:15 Coffee break

14:15-14:45 Learning from mistakes and spotting things that impair research reproducibility

Associate Professor **Mette Bjerre**, Aarhus University (DK) &
Postdoc **Rikke Hjortebjerg**, Steno Diabetes Center Odense (DK)

14:45-15:30 Critical reflections, evaluation and final remarks

Organising Committee Scientific Programme

Mette Bjerre, Associate Professor, PhD
Aarhus University (DK)

Rikke Hjortebjerg, Postdoctoral Fellow
Steno Diabetes Center Odense (DK)



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