

Day 1: Monday 24th of November

09:30–10:00: Registration, coffee and sandwiches

SESSION 1: Basics and background

10:00–10:15 Introduction of course and participants

10:15–10:45 **Why does epileptology need genetics and precision medicine?**
Tommy Stödberg, MD, PhD

10:45–11:20 **Genetics: Basics and methods**
Kaja Selmer, MD, PhD

11:20–12:00 **Genetic evaluation, diagnosis, and counselling**
Inger-Lise Mero, Clinical Geneticist, MD, PhD

12:00–13:00 **Lunch break**

SESSION 2: Epilepsy genetics

13:00–13:45 **State of the art of genetic investigations in epilepsy in 2025**
Rikke Steensbjerre Møller, Professor, MSc, PhD

13:45–14:30 **A genotype-phenotype clinical interpretation approach**
Elena Gardella, Prof., MD PhD and Rikke Steensbjerre Møller, Prof, MSc PhD

14:30–14:45 **Mini break – leg stretch**

14:45–15:45 ***In silico* prediction tools and online portals for variant interpretation**
Christian Bosselman, MD, PhD

15:45–16:15 **Mini break – with snacks**

SESSION 3: Workshop and hands on variant evaluation

16:15–16:45 Introduction to case workshops on variant evaluation

16:45–17:45 Case work in groups

17:45–18:15 Round-up in plenum

18:15–18:30 Summary of day 1

1930 **Dinner**

Day 2: Tuesday 25th of November, 2025

SESSION 4: Precision treatment

09:00–09:30 **Patient perspectives**

09:30–10:00 **Somatic mutations in focal cortical dysplasia**
Fridny Heimisdottir, Pediatrician, MD

10:00–10:40 **Principles of clinical pharmacology and pharmacogenetics**
Cecilie Johannessen Landmark, Professor, MScPharm, PhD

10:40–11:10 **Drug repurposing in epilepsy**
Allan Bayat, MD, PhD

11:10–11:30 **Break**

11:30–12:30 **Precision medicine – state of the art and future perspectives**
Amy McTague, MD, PhD

12:30–13:30 **Lunch break**

SESSION 5: Cases from participants, discussion

13:30–15:00 **Plenary seminar: Cases from participants**

15:00–16:00 **Clinical discussions, evaluations, conclusions**

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