

## **Teaching Day EMCHD 2022 - Programme Friday 26.8.2022 (v23.08.2022)**

### **Part 1: Overview lectures**

These lectures are open to everyone (no special registration needed).

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
9:00-9:05	Welcome and introduction	Daniel Ricklin, Verena Schroeder
9:05-9:25	Overview of the complement system and its canonical roles in host defense and homeostasis	Tom Mollnes
9:25-9:45	Non-canonical complement functions and crosstalk with other defense systems	Leendert Trouw
9:45-10:05	Complotype & complementopathies: complement as long-term disease contributor	Claire Harris
10:05-10:25	Complement in acute-phase disorders with a focus on bacterial infections and sepsis	Suzan Rooijackers
10:25-10:45	Complement as target for therapeutic intervention	Daniel Ricklin
10:45-11:00	Presentation of ECCO (Early-Career Complementologists)	Nicole Schäfer (Video)
11:00-11:30	Coffee break and exhibition	

## Part 2: Workshops

The workshops are intended for PhD students and junior researchers in the field.

**Registration** is required and participants indicate the **two topics** of their choice.

Workshops take place at 11:30-12:30, and 12:45-13:45, and each topic is offered twice.

Topic Number	Topic	Tutors
<b>Methodology Topics: Complement methods in research &amp; clinic</b>		
1	Complement diagnostics	Zoltan Prohaszka
2	Complement genetics (complement genes, genotyping of common SNPs, analysis of "big data" from sequencing)	Santiago Rodriguez de Cordoba, Richard Smith
3	Complement methods for the research lab	Christoph Schmidt
4	Animal models in complement research	Jörg Köhl
5	Methods involving complement and immune cells	Christian Karsten
<b>Bench-to-bedside topics with a more clinical focus</b>		
6	Complement in renal disorders	Marina Noris
7	Complement in hemolytic disorders	Sacha Zeerleder
8	Complement in cancer	Lubka Roumenina
9	Complement in human disease – the clinician's perspective	Marten Trendelenburg
10	Complement in transplantation, ischemic & thromboinflammatory conditions	Kristina Nilsson Ek Dahl, Bo Nilsson