SESSION 6
11.30 – 12.15  **Keynote lecture: Peter Garred**
"A journey through the lectin pathway of complement"
12.15 – 13.15  **Lunch Break**

IMPULSE TALKS
13.15 – 13.21  Larissa Seifert "The role of complement in membranous nephropathy"
13.21 – 13.27  Jana Rigger-Koch "Crucial role of the terminal complement complex in regulated cell death and phenotypical changes of chondrocytes after cartilage trauma"
13.27 – 13.33  Amelie Kuhn "Does terminal complement complex formation play a role in disc degeneration?"
13.33 – 13.39  Marco Mannes "Terminal pathway activation despite inhibition of C3"
13.39 – 14.00  Discussion on all Impulse Talks

SESSION 7
14.00 – 14.25  Daniel Ricklin "From Hesitation to Hype: The Remarkable Progress of Complement-Targeted Drug Treatment and Potential Perspectives"
14.25 – 15.00  Group Discussion on: Complement Therapeutics
15.00 – 15.10  Summary and Closing Remarks

Venue:
UKE Hamburg Eppendorf, Germany
Campus Lehre, N55 Seminar Room 310/311
Martinistraße 52 | 20251 Hamburg

https://dgfi.org/arbeitskreise/ak-komplementsystem/

Sponsors:
Thursday, March 26th

TEACHING SESSIONS
09.00 – 09.45 Michael Kirschfink "Complement deficiencies"
09.45 – 10.30 Christoph Schmidt "Complement mediated diseases: Focus on PNH"
10.30 – 10.45 Coffee Break
10.45 – 11.30 Christian Karsten "Anaphylatoxin receptors"
11.30 – 12.30 Lunch Break
12.30 – 12.40 Welcome & Introduction (Christian Karsten & Christoph Schmidt)

SESSION 1
12.40 – 13.10 Jörg Köhl "The C5aR antagonist ABD71-73: past, present and future"
13.10 – 13.30 Jasmin Wehrstein "Bone phenotype of mice with osteoclast and osteoblast specific deletion of C5aR1"
13.30 – 13.50 Fenna Fröhlich "The role of the C5a/C5aR2 axis in regulating uterine natural killer cells during pregnancy"
13.50 – 14.10 Coffee Break

SESSION 2
14.10 – 14.30 Martin Kohn "The impact of complement factor C3 and the anaphylatoxins to shape the immune response against Chlamydia psittaci in a mouse lung infection model – source, timing and cells matter"
14.30 – 14.50 Diana Pauly "Cell type specific complement expression in the retina"
14.50 – 15.10 Verena Harpf "The role of complement and diabetes in invasive candidiasis"
15.10 – 15.30 Anja Lux "Complement-dependent effector functions of therapeutic anti-CD20 IgG1"
15.30 – 15.50 Mi-Sun Jang "Labile hemc induced peri-operative acute kidney injury and anaphylatoxin receptor signaling"
15.50 – 16.20 Group Picture / Coffee Break

SESSION 3
16.20 – 17.05 Keynote Lecture: Michael Kirschfink "Complement and Cancer: Friend or Foe?"

IMPULSE TALKS
17.05 – 17.11 Jenny Tillmann "The relevance of the C5a/C5aR1 axis for induction of autoantibody response in Epidermolysis bullosa acquisita"
17.11 – 17.17 Samyr Kenno "Impact of the C5a/C5aR1 axis on the glycosylation of autoreactive IgG antibodies in Epidermolysis Bullosa Acquisita (EBA)"
17.17 – 17.23 Daniel Seiler "The Role of C5aR2 in the Pathogenesis of Pemphigoid Diseases"
17.23 – 17.29 Caroline Hennig "The Role of C5a Receptor 2 in Lung Metastases Development"
17.29 – 17.35 Peter Martinka "News from Complement Research at Alexion"
17.35 – 18.00 Discussion on all Impulse talks

18.30 Shuttle to Dinner - Departure: Bus station - Martinistraße 52
19.00 Dinner @ Hafenperle
St. Pauli Landungsbrücken, Brücke 2, 20359 Hamburg

Friday, March 27th

SESSION 4
08.30 – 08.36 Annika Sündenher "GC1qR driven oxidative phosphorylation is essential for intestinal goblet cell differentiation"
08.36 – 08.42 Annika Raschdorf "The SNP rs56014026 in complement C4q binding protein is associated with decreased metabolic activity in colorectal carcinoma cells"
08.42 – 08.48 Yves Laumonnier "C3aR contributes to the formation of multinucleated macrophages in experimental allergic asthma"
08.48 – 08.54 Rabia Ülkü Korkmaz "Impact of the C5aR1 on cell function in allergic asthma model"
08.54 – 09.00 Rebecca Hagelbauer "Hemorrhagic shock drives complement activation and organ damage after severe injury"
09.00 – 09.06 Cornelia Speth "Allergy, a multiorgan disease: From allergen structure to personalized medicine"
09.06 – 09.30 Discussion on all Impulse talks
09.30 – 09.50 Coffee break

SESSION 5
09.50 – 10.10 Falk Nimmerjahn "Role of complement for organ specific pathways of cytotoxic antibody activity"
10.10 – 10.30 Arthur Dopler "Deregulation of Factor H (FH) by Factor H-related protein 1 (FHR-1) depends on surface sialylation"
10.30 – 10.50 Ebru Karasu "Complement-Microvesicle Interaction in Trauma"
10.50 – 11.10 Simon Clark "Human RPE cell attachment to Factor H-like protein 1 through the a5b1 integrin confers protection from oxidative stress"
11.10 – 11.30 Coffee break