

Infection, Immunity & Complement

Joint Doctoral Retreat

28.01.18 - 01.02.18

HOROS Innsbruck & intern. universities

FWF

Der Wissenschaftsfonds.

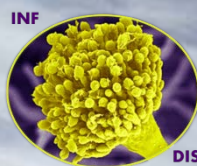


HOROS

doctoral programme of excellence

REGION

Rigshospitalet



Sunday 28 JANUARY

- Approx. 15:00** **Bus transfer from Innsbruck Clinics
South entrance & AIRPORT
(exact times will follow)**
- 17:00** **Arrival at Obergurgl**
- 18:30-20:30** **D I N N E R**
- 20:30-21:30** **Opening - Introduction to retreat, CORVOS**
Reinhard Würzner

Monday 29 JANUARY

- 08:30-09:00** **Population structure and transmission of *M. tuberculosis* complex strains**
Stefan Niemann, Borstel, DE
- 09:00-09:30** **The Mannan-Binding Lectin complement pathway and its role in opportunistic infections**
Peter Garred, Copenhagen, DK
- 09:30-10:00** **Complement, inflammation and atherosclerosis**
Seppo Meri, Helsinki, FI
- 10:00-10:30** **COFFEE BREAK**
- 10:30-11:00** **The C5a/C5aR1 axis controls infections with intracellular pathogens**
Jörg Köhl, Lübeck, DE
- 11:00-11:30** **Novel complement inhibitors, advantages & disadvantages**
Tom Eirik Mollnes, Oslo, NO
- 11:45-16:30** **LUNCH (on your own) & BREAK**

16:30-16:45 **COFFEE BREAK**

16:45-17:05 **Interaction of EHEC Shiga toxin 2a with components of complement pathways**
Sneha Chatterjee (Würzner group)

17:05-17:25 ***Candida albicans* factor H binding molecule Hgt1p – a molecule also executing non-canonical functions**
Samyr Kenno (Würzner group)

17:30-18:00 **A COMPLEMENT-ary view on HIV-1**
Doris Wilflingseder

18:00-20:00 **D I N N E R**

20:00-21:00 **Short oral presentations on the PhD thesis topics (15 mins + 5 mins)**

Siderophore mediated diagnosis of invasive aspergillosis
Thomas Orasch

Aspergillus fumigatus growth depends on non-transferrin-bound iron
Verena Petzer

Quantification of the antifungal Caspofungin in human plasma by HPLC with tandem mass spectrometry detection
Tiziana Gasperetti

IN PARALELL

CORVOS Topics & Partners I
(Niemann, Garred, Köhl, Meri, Mollnes, Wilflingseder, Würzner)

TUESDAY 30 JANUARY

08:30-09:50

**Short oral presentations on the
PhD thesis topics (15 mins + 5 mins)**

**How GM-CSF improves diphtheria-
vaccination in mice**

Marco Grasse

**Inflammation-mediated interplay of the
coagulation system and the endothelium**

Anna Brandtner

The role of dopamine during sepsis

Stefanie Dichtl

**A novel model for complement studies and
interventions in kidney ischemia/reperfusion
injury**

Camilla Schjalm, Oslo, NO

IN PARALELL

**CORVOS Topics & Partners II
(Garred, Köhl, Meri, Mollnes, Wilflingseder,
Würzner, Niemann)**

09:50-10:15

COFFEE BREAK

10:15-10:45

Complement in complicated pregnancy

Inkeri Lokki, Helsinki, FI

10:45-11:15

**Complement inhibitory SALSA – step by
step**

Martin Reichhardt, Oxford, UK

- 11:15-11:45** **YOUNG ISHAM & YOUNG COMPLEMENT**
- 11:15-11:30** **Young ISHAM**
Michaela Lackner
- 11:30-11:45** **Young complement**
Martin Reichhardt, Oxford, UK
- 11:45-12:15** **IIT – Faculty meeting with student repres.**
- 12:15-12:45** **HOROS - Faculty meeting with stud. repres.**
- 12:45-15:00** **LUNCH (on your own) & BREAK**
- 15:00-16:45** **AFTERNOON VACCINATION SYMPOSIUM**
@ Nederhütte
- 17:15-18:00** **Short oral presentations on the**
PhD thesis topics (15 mins + 5 mins)
- Human bone marrow adipocytes display**
distinct immune regulatory properties
Carina Miggitsch
- A phenotypical and functional**
characterisation of immune cells in the
human bone marrow, and effects of ageing,
senescence and CMV
Erin Naismith
- IN PARALELL** **CORVOS - Involvement of Industry I**
- 18:00-20:00** **D I N N E R**

20:00-21:30

**Short oral presentations on the
PhD thesis topics (15 mins + 5 mins)**

**Targeted genome editing by the CRISPR/Cas9
system to silence complement regulators**

Louise Justesen, Copenhagen, DK

**Design, expression, and function of chimeric
bispecific complement inhibitors containing
MAP-1 and functional domains of C4bp**

Rafael Bayarri-Olmos, Copenhagen, DK

Gut-vascular barrier in alcoholic liver disease

Christoph Grander

**Which one to choose? - Multi-omics based
identification of predictive biomarkers of
response to antibody based therapy in IBD**

Simon Reider

IN PARALELL

CORVOS - Involvement of Industry II

WEDNESDAY 31 JANUARY

- 08:30-09:00** **Conclusions from the CORVOS discussions**
Würzner
- 09:00-09:30** **Microdialysis - *in vivo* monitoring of metabolism and inflammation in I/R-injury, transplant rejection and infection**
Ebbe Thorgersen, Oslo, NO
- 09:30-10:00** **Dual inhibition of lectin and alternative complement pathways efficiently protects from myocardial ischemic reperfusion related injuries**
Mikkel-Ole Skjoedt, Copenhagen, DK
- 10:00-10:30** **COFFEE BREAK**
- 10:30-11:50** **Short oral presentations on the PhD thesis topics**
- C1q/TNF-related protein 6 has novel functions in innate immunity**
Nikolaj Kirketerp-Møller, Copenhagen, DK
- HCV in Tyrol - an epidemiological modelling study**
Benedikt Schäfer
- Development of an HIV vaccine based on a VSV-GP vector**
Anika Bresk
- Using flow cytometry to evaluate the effect of magnetic treatment of tap water**
Bernhard Pollner
- 11:50-14:00** **BREAK**

14:00-17:00 **LUNCH SYMPOSIUM ON FUTURE OF
HOROS & CORVOS @ Nederhütte**

18:00-20:00 **D I N N E R**

THURSDAY 1 FEBRUARY

08:30-09:00 **Conclusions of the retreat**
Reinhard Würzner

09:30-11:30 **Bus transfer to Innsbruck**



HOROS

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