

Workshop on RNAi based gene function analysis of infectious diseases

Schloss Ringberg
6 - 9 February 2008

Preliminary Programme

Wednesday 6th February

- 14:00** ***Departure of shuttle bus from Munic Airport***
- 17:00** ***Registration and poster set-up***
- 17:30** ***Key Note Lecture***
Rainer Pepperkok Time resolved loss-of-function analysis of mitosis
- 18:30** ***Dinner***
- 20:00** ***Introduction to the workshop***
Thomas F. Meyer RNAi-based loss-of-function analysis for infectious disease research – Integrating European activities

Thursday 7th February

- 08:30** ***Session 1 – Visions in infectious disease research - What's hot in the field?***
- 08:30 Ari Helenius Viruses
- 09:00 Philippe Sansonetti Bacteria
- 09:30 Dominique Soldati Parasites (to be postponed on afternoon)
- 10:00 Thomas F. Schulz Infection and Cancer
- 10:30** ***Coffee break***
- 11:00** ***Session 2 – Robots in action - Current large scale screening activities (short presentations of 15 minutes including discussion)***
- Lukas Pelkmans Viruses
- Alexander Karlas Influenza
- Sina Bartfeld Helicobacter
- Rajendra Kumar Chlamydia
- Miguel Prudencio Plasmodium (Mota lab)
- 13:00** ***Lunch break***

14:00 **Session 3 – Screening approaches towards understanding host cell functions (short presentations of 15 minutes including discussion)**

Paivi Ojala
George Mosialos
Jose Bengoechea
Ilan Rosenshine

15:00 **Coffee break**

15:30 **Session 4 – The screening facilities involved in infection research (short presentations of 20 minutes including discussion)**

Amsterdam Jacques Neefjes
Heidelberg Rainer Pepperkok, Hans Kräusslich, Ralf Bartenschläger,
Michael Boutros
Zürich N.N.
Berlin Nik Machuy

18:30 **Dinner**

20:00 **Session 5 – Bioinformatics solutions and challenges**

20:00 Michael Boutros, Johannes Schuchardt, André Mäurer and others

Friday 8th February

9:00 **Session 6 – Innovative assay development (short presentations (20 minutes including discussion) and supplementary posters)**

Jost Eninga
Céu Figueirido
Freddy Frischknecht
Thomas Rudel

11:00 **Lunch package and Bus Departure (Snow adventures around Ringberg)**

17:00 **Strategic session – Steps towards research support and efficient collaboration**

Elke Müller Infrastructures
Collaborative project, Marie Curie
ERA-NET PathoGenoMics

N.N. **Other networks**

18:30 **Dinner**

20:00 *Key Note Lecture*

Jacques Neefjes RNAi screen identifies essential kinase network for
intracellular bacterial growth

20:45 *Discussion rounds about future funding*

Saturday 9th February

**8:30 *Session 8 – Host cell function in viral, bacterial and parasite infections
(short presentations and posters)***

Maria Massuci
Hans-Georg Kräusslich
Ralf Bartenschläger
Christoph R. Hauck
Stephane Méresse (Gorvel lab)

10:00 *Coffee break*

10:30 Catharina Svanborg-Eden
N.N. (to be determined) (Cossart lab)
Christoph Dehio
Vasilis Koronakis
Oliver Billker

12:00 *Final discussion and conclusions*

Snacks

13:00 *Departure*