



PhD TRAINING PROGRAMME – 2008

4-9th May 2008

The second EUROPRISE course for PhD students will take place at Karolinska Institute, Stockholm, Sweden on 4-9 May 2008. Priority will be given to the students from the EUROPRISE PhD programme. Participating students are expected to stay for the full course to obtain the points for a EUROPRISE course. 3-4 courses will be given per year; 6 EUROPRISE points are requested for the full PhD.

We invite tutors and teachers for teaching and discussions.

Send **REGISTRATION** for the course before **February 28, 2008** to gunnel.engstrom@smi.ki.se and anna-lena.spetz@ki.se; the registration status will be confirmed within two weeks (by 15.03.08).

APPLICATION documents should contain:

1. Name, Department and University address, email
2. CV (maximum 1 page)
3. The student's research plan (maximum 2 pages)
4. Name of main and co-tutor(s) in the EUROPRISE programme
5. Power Point presentations:
 - RECENTLY RECRUITED EUROPRISE students should send **5-6 slides** on own anticipated research that the student will present and discuss at the course.
 - EUROPRISE students who attended the first course Nov07 and other students from Karolinska Institute should send **2-3 slides** of own recent results to be presented and discussed during the course.
6. A research application or a synopsis of an application that you consider well written (maximum 10 pages, from own group or from somebody else, on a research subject of your choice). If it is not your own, ask for permission to use it in discussions on how to write a research application.

ACCOMMODATION

Students: Rooms for students (costs around 90 euro, single) have been reserved at **Kristineberg Hotel, Hjalmar Söderbergs väg 10, 112 52 Stockholm**. These bookings go through our secretariat (Gunnel.Engstrom@smi.ki.se). After **April 1st**, no rooms will be held.

Tutors: Rooms are reserved at **Elite Palace Hotel, St Eriksgatan 115, Stockholm**. Please book the hotel by yourselves, giving the code KI080504 (+468302415 or reservation.palace@elite.se; cost single around 120, double 140 euros). EUROPRISE tutors pay their own cost for travel and subsistence. Latest date for this reservation is **April 15th**.

Book the hotel and send the information about participation dates to gunnel.engstrom@smi.ki.se and anna-lena.spetz@ki.se at the earliest occasion!

All tutors are most welcome to participate and contribute to discussions during the whole week!

Notes:

- All speakers, discussants and chairs of each day will be sent the ppts of that day's student presentations a week before start of course.
- All ppts, the selected reading and additional material will be available in paper and electronic format at the start of the course.



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Programme for May 4- 9, 2008

Version 290108

Sunday May 4th

18-19.30 Informal welcome at Solstugan, Snoilskis väg 37, close to Hotel Kristineberg. Gathering for walk if you desire, 17.45 Hotel Kristineberg. Useful mobile phones - see end of program.

Monday May 5th

8.30 Registration at Venue (SMI, Nobelsväg 18)

8.45 Welcome and introduction. *A-L Spetz* and *Britta Wahren*

HIV vaccine development

Chairs: A-L Spetz, Lilian Walther-Jallow, Hans Wigzell

Discussants: Britta Wahren, Pontus Blomberg

9.00 Historical overview HIV vaccines

Gerald Voss, GSK

10.00 Coffee

10.30 Viral vectors

Britta Wahren, Karolinska Institutet and SMI

11.15 GMP-production vaccines

Nils Carlin, SBL vaccines

12.00 Lunch

Afternoon session

Chairs: Marianne Jansson, Gerald Voss

Discussants: Britta Wahren, Lilian Walther-Jallow

13.00 Presentation of student project 1 (15 min)

Discussion of this project with teachers of the morning session and participating tutors

13.30 Presentation of student project 2 (15 min)

Discussion of this project with teachers of the morning session and participating tutors

14.00 Presentation of student project 3 (15 min)

Discussion of this project with teachers of the morning session and participating tutor

14.30 *Coffee with information about grant proposal writing.*

15.30 Presentation of student project 4 (15 min)

Discussion of this project with teachers of the morning session and participating tutors

16.00 Presentation of student project 5 (15 min)

Discussion of this project with teachers of the morning session and participating tutors

16.30 Presentation of student project 6 (15 min)

Discussion of this project with teachers of the morning session and participating tutors

Site visits, CIM, Avaris and Vecura (*A-L Spetz and Pontus Blomberg*)

KI-bus to Karolinska University Hospital Huddinge

19.00 *Dinner at Tango, Novum, Karolinska University Hospital at Huddinge*
20.00 *Dinner talks*

Tuesday May 6th

Immune responses to HIV-1

Chairs: Francesca Chiodi, Kopek Nilmark

Discussants: A-L Spetz, Britta Wahren, Lilian Walther-Jallow

08.30 *T cells in HIV-1 infection*
Jan Andersson, Karolinska Institutet
09.30 *Neutralizing antibodies*
Gabriella Scarlatti, San Raffaele Scientific Institute, Milan
10.15 *Coffee*
10.45 *Carbohydrates in HIV-1 infection*
Tomas Bergström, University of Gothenburg
12.00 *Lunch*

Afternoon session

Chairs: Jan Andersson, Gabriella Scarlatti

Discussants: Francesca Chiodi, Britta Wahren, Tomas Bergström

13.00 *Presentation of student project 7 (15 min)*
Discussion of this project with teachers of the morning session and participating tutors
13.30 *Presentation of student project 8 (15 min)*
Discussion of this project with teachers of the morning session and participating tutors
14.00 *Presentation of student project 9 (15 min)*
Discussion of this project with teachers of the morning session and participating tutor
14.30 *Coffee with information about grant proposal writing*
15.30 *Presentation of student project 10 (15 min)*
Discussion of this project with teachers of the morning session and participating tutors
16.00 *Presentation of student project 11 (15 min)*
Discussion of this project with teachers of the morning session and participating tutors
16.30 *Presentation of student project 12 (15 min)*
Discussion of this project with teachers of the morning session and participating tutors

Discussions about project plans

Dinner on your own

Wednesday May 7th

Innate Immunity in HIV-1

Chairs: Lilian Walther-Jallow, Barbro Mäkitalo

Discussants: Roger Le Grand, Frederic Tangy

08.30 *Dendritic Cells in HIV-1 infection*
Christiane Moog U575 INSERM/ULP, Institut de Virologie, Strasbourg
09.15 *Innate immunity*
Marianne Jansson, Lund University
10.00 *Coffee*

HIV-1 animal models

Chairs: Rigmor Thorstensson, Jorma Hinkula

Discussants: Christiane Moog, Marianne Jansson

- 10.30 Development of measles vector
Frederic Tangy, Institut Pasteur, Paris
- 11.00 Humanized mouse model and HIV model
Martin Rottenberg, Karolinska Institutet and Jorma Hinkula, Linköping University
- 11.45 Monkey models correlates of protection on preclinical trial of vaccines
Roger Le Grand, Institute for emergent diseases and innovative therapies, France
- 12.15 Allogeneic vaccines efficient against HIV-infection?
Rigmor Thorstensson, Karolinska Institutet
- 12.45 Discussion about use of animal models in HIV vaccine/microbicide development
Martin Cranage, St Georges, London
- 12.45 Lunch
- 13.45 Work with project plan

Dinner organized by students

Thursday May 8th

Mucosal Immunity and Microbicides

Chairs: Lilian Walther-Jallow, Roger Le Grand

Discussants: Barbro Mäkitalo, A-L Spetz

- 08.30 Mucosal Vaccination
Donata Medaglini, University of Siena
- 09.15 Genital tract antibodies and immunization
Charles Lacey, University of York
- 10.00 Coffee
- 10.30 Mucosal Immunity in HEPS
Kristina Broliden, Karolinska Institutet
- 11.15 Microbicides overview
Robin Shattock, St Georges, London
- 12.00 Lunch

Afternoon session

Chairs: Donata Medaglini, Charles Lacey

Discussants: Robin Shattock, Roger LeGrand

Short presentations update of project progress with teachers of the morning session and participating tutors

- 13.00 Presentation of student project (3 min) and discussion (2min) of this project
- 13.07 Presentation of student project (3 min) and discussion (2min) of this project
- 13.14 Presentation of student project (3 min) and discussion (2min) of this project
- 13.21 Presentation of student project (3 min) and discussion (2min) of this project
- 13.28 and so on until presentation by all EUROPRISE students participating second time and for KI infection biology students.
- 15.00 Coffee

Project plan work! (May take place in the parks of Djurgården)

19.00 *Dinner Blå Porten Djurgården, dinner talks*
21.00 *Gröna Lund amusement park*

Friday May 9th

Presentations and discussions about novel innovative projects at Kristineberg Hotel

Chairs: A-L Spetz, Britta Wahren, Hans Wigzell

Discussants: Donata Medaglini, Roger LeGrand, Charles Lacey, Robin Shattock, Hans Wigzell, Francesca Chiodi

08.30 Project 1
09.00 Project 2
09.30 Project 3
10.00 *Coffee*
10.30 Project 4
11.00 Project 5
12.00 *Lunch*

Afternoon session

Chairs: Donata Medaglini, Francesca Chiodi

Discussants: A-L Spetz, Roger LeGrand, Charles Lacey, Robin Shattock, Hans Wigzell, Britta Wahren

13.00 Project 6
13.30 Project 7
14.00 Project 8
14.30 Project 9
15.00 Project 10

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