

ERASysBio First Strategy Conference SYSTEMS BIOLOGY IN THE EUROPEAN RESEARCH AREA 2007 - 2020

St Anne's College, Oxford, United Kingdom
27th-28th March 07

Day 1

- 08:30-09:00 Registration
- 09:00-09:05 Welcome and Opening Remarks, Judy Armitage, Oxford University, UK
- 09:05-09:10 Purpose of meeting and logistical arrangements, Alf Game, BBSRC, UK
- 09:10-12:45 Plenary Session 1 – Scientific vision
Chair: Judy Armitage UK
- 09:10-09:40 Modelling biological systems: insights, progress and visions – Denis Noble, Oxford University, UK
- 09:40-10:00 ESF Forward Look on Systems Biology – John Marks, European Science Foundation, Strasbourg, France
- 10:00-10:20 Barriers and challenges: academic perspective – Luis Serrano, Spain
- 10:20-10:40 Barriers and challenges: industrial perspective - Adriano Henney, AstraZeneca US
- 10:40-11:00 Case study: The German HepatoSys programme - Jens Timmer, University of Freiburg, Germany
- 11:00-12:30 Breakout session A: Scientific vision, opportunities and priorities for ERASysBio (including coffee)
- 12:45-14:00 Lunch
- 14:00-18:00 Plenary Session 2: Standardisation and the integration of the European community
Chair: Mark Stitt, Golm, Germany
- 14:00-14:20 Dry experiments: standardisation, sharing, and improving - Edda Klipp, Max Planck Institute for Molecular Genetics, Berlin, Germany
- 14:20-14:40 Wet experiments: standardisation, sharing and improving - Ursula Klingmüller, Cancer Research Centre, Heidelberg, Germany

- 14:40-15:00 Standardisation of workflows - Andrew Millar, Edinburgh Systems Biology Centre, UK
- 15:00-15:15 Coffee break
- 15:15-15:35 Creating a multidisciplinary research environment for systems biology
Philip Tracqui, DynaCell, France
- 15:35-15:55 Joint use and development of research infrastructures in Systems Biology
Speaker declined last week. To be confirmed.
- 15:55-16:15 A software infrastructure for standardizing experimental reagents and protocols
Feng Liang, Global marketing and e-science, Invitrogen, US
- 16:15-18:00 **Breakout session B: Sharing and developing infrastructures and promoting multidisciplinary and integration (including coffee)**
- 18:30 Aperitif
- Rapporteurs to meet and share outcomes from breakout sessions A & B
- 19:30 Dinner
- 21:00-22:00 **Dream session: Grand Challenges to be addressed by joined European efforts exploiting Systems Biology**
Chair: Hans Westerhoff, University of Manchester, UK/ Vrije Universiteit, Amsterdam, Netherlands
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Day 2

- 08:30-10:30 **Plenary session 3 – Building public-private partnerships**
Chair: Naama Barkai, Weizmann Institute of Science, Israel
- 08:30-8:50 Accelerating science-based innovation exploiting Systems Biology – Corrado Priami, Microsoft Research-University of Trento & Steven Emmott, Microsoft Research Cambridge, UK
- 08:50-09:10 Challenges and opportunities in creating value from Systems Biology - Brendan O'Malley, Unilever Corporate Research, UK
- 09:15-10:30 **Breakout session C – Building public-private partnerships (including coffee)**
- 10:30-13:30 **Plenary session 4 – Building the skills base**
Chair: David Kreil, Boku University Vienna, Austria

- 10:30-10:50 Developing the skill base: educating students at the multidisciplinary interface – Hans Westerhoff, University of Manchester, UK/ Vrije Universiteit, Amsterdam, Netherlands
- 10:50-11:10 Developing the skill base: opportunities for established researchers – Jaroslav Stark, Imperial College London Systems Biology Centre, UK
- 11:10-11:30 Mobility of researchers: training networks and transnational exchange of students, Stefan Hohmann, Göteborg University, Sweden
- 11:30-11:50 Ethical and social implications of Systems Biology research: communication and engagement with the public – Mark Bedau, European Centre for Living Technology, Venice, Italy
- 12:00-13:30 Breakout session D – Building the skills base
(including coffee)
- 13:30 Lunch
- Rapporteurs to meet and share outcomes from breakout sessions C & D
- 14:30-16:30 Plenary session 5 – Feedback and general discussion
Chair – Bela Novak, Budapest University of Technology and Economics, Hungary
- 16:30-16:45 Update from the European Commission – Frederick Marcus, European Commission, Brussels, Belgium.
- 16:45 Next steps and closing remarks – Alf Game

Breakout sessions - structure

There will be 5 breakout groups including 20 delegates each. The composition of the groups will remain the same for the duration of the workshop, i.e. the same groups will meet at the breakout sessions A, B, C, and D. Each group will include a chair and a rapporteur.

Breakout session chairs:

1. Roel van Driel, NL
2. Michael Spedding, FR
3. Lilia Alberghina, IT & Andrew Millar, UK – Alberghina, sessions A and C / Millar, sessions B and D
4. Luis Serrano, ES
5. Ian Booth, UK

Rapporteurs:

1. Joerg Stelling, ETH Zurich

2. Karl Kuchler, AT
3. Jean-Pierre Mazat FR
4. Cecilia Saccone, IT
5. Charlie Hodgman, UK & Nicolas Le Novère – Hodgman, sessions A and C / Le Novère, sessions B and D

Organisational Details

Details relating to ERASysBio Strategy Conference at St Anne's College, Oxford
27-28 March 2007

St Anne's College
Woodstock Road
Oxford
OX2 6HS

Tel: +44 (0)1865 274000

Fax: +44 (0)1865 274803

Please refer to the St Anne's College Site Plan for location of meeting rooms etc.

Day 1 – 27th March 2007

Breakfast will be served in the Dining Hall (B on Site Plan)

Registration will be held in the Mary Ogilvie Foyer (C on Site Plan)

The main event will be held in the Mary Ogilvie Lecture Theatre (C on Site Plan)

Breakout sessions will be held in: Seminar Room 1 (D on Site Plan)

Seminar Room 2 (E on Site Plan)

Seminar Room 3 (F on Site Plan)

Hartland Room (H on Site Plan)

Upper Common Room (V on Site Plan)

Mid-morning tea/coffee/biscuits will be served in the above syndicate rooms.

Lunch will be served in the Dining Hall (B on Site Plan)

Return to Mary Ogilvie Lecture Theatre (C on Site Plan)

Afternoon tea/coffee/biscuits will be served in the Mary Ogilvie Foyer (C on Site Plan)

Breakout sessions as above

Late afternoon tea/coffee/biscuits will be served in the above syndicate rooms

Pre-Dinner Drinks Reception will be held in the Mary Ogilvie Foyer (C on Site Plan)

Dinner will be served in the Dining Hall (B on Site Plan)

Return to Mary Ogilvie Lecture Theatre for final session of the day (C on Site Plan)

Day 2 – 28th March 2007

Breakfast will be served in the Dining Hall (B on Site Plan)

Day 2 starts in the Mary Ogilvie Lecture Theatre (C on Site Plan)

Breakout sessions will be as Day 1

Mid-morning tea/coffee/biscuits will be served in the above syndicate rooms

Return to Mary Ogilvie Lecture Theatre (C on Site Plan)

Breakout sessions as earlier with tea/coffee/biscuits available in rooms

Lunch will be served in the Dining Hall (B on Site Plan)

Return to Mary Ogilvie Lecture Theatre (C on Site Plan)

Afternoon tea/coffee/biscuits will be served in the Mary Ogilvie Lecture Theatre (C on Site Plan)

29th March 2007

For those staying an extra night, breakfast will be served in the Dining Hall (B on Site Plan)

Please see the Agenda for timings regarding the sessions, tea/coffee, lunch and dinner.

Accommodation

Full board accommodation will be provided at the conference.

Bedrooms are located above Seminar Rooms 7, 8 and 9 (although some may be elsewhere on site)

(L on Site Plan)

The keys for the rooms are available from the Porter's Lodge which is located at the main entrance to the College on Woodstock Road. The Lodge is open 24 hours a day. (A on Site Plan)

Each residential block has a combination lock at the main entrance. The code will be given to you when you collect

your keys.

All rooms are en-suite with tea/coffee making facilities and they all have ethernet connections.

Delegates are requested to vacate their rooms by 10.00am on the day of departure.

GENERAL

Car parking: No cars can park within the College gates unless special arrangements are made. Conference members are advised to travel by train or other public transport.

Location/Travel: Details regarding the location of St Anne's College and travel have been listed separately.