



PROGRAMME EUROCLAST MEETING ABERDEEN-BRAEMAR

June 13-19 2015

This meeting will have 3 parts:

1. Imaging workshop
2. Consortium meeting
3. Mid-term review

1. IMAGING WORKSHOP June 13-15

Place: Institute of Medical Sciences, Foresterhill Campus, Aberdeen

Purpose: Hands-on training in microscopical imaging methods, special focus on electron microscopy and live cell imaging and image analysis. Demonstration of tissue preparation methods, discussion and trouble shooting session. Lectures on imaging from single cells to whole organisms, development of novel probes for imaging.

Who attends: all Euroclast ESRs attend. Workshop open to supervisors and to up to 5 PhD students/postdocs from the host institute. Total number of attendees not to exceed 20.

Tutors: *Miep Helfrich, Jenny Gregory, Kevin Mackenzie, Fraser Coxon, 2 local ESRs Emma McDermott and Anh Tran.*

Please note that all rotation times are approximate, we will adapt to the requirements of individuals and groups on the day.

Programme:

Saturday June 13

- 12.00-14.00 Arrival at IMS, lunch served from 13.00
- 14.00-14.30 Introduction to course and the imaging modalities to be used (SEM, TEM, live cell imaging) *Miep Helfrich, Kevin Mackenzie (manager of microscopy facility IMS)*
- 14.30-15.00 Useful probes tips and tricks for confocal/live cell imaging. *Fraser Coxon, Aberdeen* First rotation between TEM, SEM, live cell imaging or tissue preparation
- 15.00-17.00 First rotation
- 19.00 Dinner at Musa 33 Exchange Street, Aberdeen AB11 6PH

Sunday June 14

- 10.00-12.00 Workshop/lecture on Image analysis and using Image J. **Jenny Gregory, Aberdeen**
- 12.00-14.00 Second rotation
- 14.00-14.30 Lunch
- 14.30-16.30 Third rotation
- 16.30-17.30 Optional: free choice of instrument(s), own samples, Q&A
- 19.00 Dinner at Jamie's Italian 38 Union Street, Aberdeen AB10 1GD

Monday June 15

Level 7 Conference Room IMS

Building on earlier lecture in Flow cytometry and the visit to the Imaging Facility in Kiel, we will continue to discuss the methodologies and probes available to allow imaging relevant to Euroclast questions. Lectures will cover imaging from single cells to whole body imaging.

NOTE: All lectures this morning are open to staff and students of the University of Aberdeen. The lecture of Rory Duncan is billed as a "special seminar".

- 09.15-09.45 Keep Flowing your Research: Practicalities in Cytometry
Raif Yuecel, Head of Iain Fraser Cytometry Centre, Aberdeen
- 09.45-10.15 In Vivo Imaging: The Next Generation of Imaging
Raif Yuecel, Head of Iain Fraser Cytometry Centre, Aberdeen
- 10.15-11.00 PET Imaging, techniques, applications and novel probes
Andy Welch, Professor at the John Mallard, Scottish PET Centre, Aberdeen and Matteo Zanda, Professor in Medical Technologies, Aberdeen
- 11.00-11.30 Coffee and final round up of the imaging course.
- 11.30-11.50 Optional: tour of the Iain Fraser Cytometry Centre in the IMS
- 12.00-13.00 Single molecule resolution imaging of ion channel function in secretion
Professor Rory Duncan Head of Institute of Biological Chemistry, Biophysics and Bioengineering, and director of ESRIC, Heriot Watt University Edinburgh

CLOSE OF IMAGING WORKSHOP

Monday June 15-17

2. Consortium meeting "GATHERING THE TOOLS"

Place: Start at Institute of Medical Sciences, then depart to Mar Lodge, Braemar

Purpose: Deliver training to ESRs building on the two earlier consortium meetings. Special focus on imaging (has been largely delivered in workshop over the weekend prior to start of consortium meeting), "omics" and outreach. Lab visit of partner UoA. Discussion of progress in projects, preparation for mid-term review, management meeting.

Who attends: All ESRs, all partners and external adviser(s)

Monday June 15

- 13.00 Arrival for lunch in Level 7 Conference Room IMS
- 13.50 Welcome and a few word about IMS and UoA Foresterhill Campus, **Miep Helfrich**
- 14.00 Tour of labs and facilities in IMS (in several groups)
- 14.30-15.30 Introduction to genomics and the facilities in the Centre for Genome Enabled Research in Aberdeen. DNA, RNA seqencing and principles of biostatistical analysis
Dr. Elaina Collie Duguid and Eduardo De Paiva Alves, Centre for Genome Enabled Research, University of Aberdeen
- 15.45 Travel to Old Aberdeen Campus by bus, brief stop at St. Machar Cathedral/Seaton Park, drop off at the Sir Duncan Rice University Library and short walk to King's Chapel to be met by **Lindsey Cordiner Vyse, University of Aberdeen** for an introduction to Bishop Elphinstone, the founder of the University of Aberdeen and the history of King's Chapel.
- 17.00 Coach will pick up the party at King's Chapel to travel to Braemar
- 18.30 Arrival at Mar Lodge, time to settle into accommodation.
List of rooms provided separately
- 19.30 Dinner (all together in dining room main building)

Catering during our stay in MarLodge is provided by **Mrs. Aileen Lawrence, Braemar with assistance during lunchtimes from Mrs. Diane Cowe**
- 20.30-21.15 Introduction to Mar Lodge, tour of the house
Mrs. Rebecca Rowe, National Trust of Scotland

Tuesday June 16

Breakfast to be organised by all in their own apartments (food will have been provided prior to arrival, special requests to be notified to organisers).

Meeting to be held in dining room, or other break out rooms as indicated below.

Coffee/tea and cold drinks are available throughout the day.

Dining room main lodge:

09.00-09.30 Overview of consortium meeting, learning outcomes, time for general comments/suggestions for the coming days

Chairs **Vincent Everts** and **Miep Helfrich**

09.30-10.30 Partners hold management meeting General Assembly (dining room).

Agenda to follow

ESRs hold student board meeting (Bynack dining room)

Agenda to follow

10.30-11.00 Plenary feedback, action points agreed

The rest of the day is reserved for training on communication skills and outreach/public engagement. This training programme is delivered by members and a senior guest of the Public Engagement in Research Unit and the Researcher Development Unit of the University of Aberdeen and the Aberdeen University Magazine.

GOOD PRACTICE IN ENGAGEMENT WITH RESEARCH. NOTE THAT SOME PREPARATION IS REQUIRED, DETAILS AT THE END OF THIS SECTION!!

11:00 **Introduction** – Dr Kenneth Skeldon, Head of Public Engagement, University of Aberdeen

11:15 **Mini-masterclasses in Engagement Practice**

Writing for Different Audiences (20 mins)

Presented by Steve Vass, Scottish Editor, The Conversation and the University of Aberdeen Science Journalism Society

Impact and Dissemination in European Projects (20 mins)

Dr Jen Scott, Public Engagement with Research Unit, University of Aberdeen

Presenting to Different Audiences (20 mins)

Dr Irene Garcia, Researcher Development Unit, University of Aberdeen

12:15 **Collaboration Challenge**

Delegates will divide into three groups, A, B and C and each complete a challenge based on the above mini-masterclasses. These workshop sessions will require a small amount of preparation by the delegates (details at end).

Targets by the end of this section:-

- **Group A:** Develop a 100-200 word pitch for a potential article for The Conversation and AU Magazine

- **Group B:** Develop a plan for Impact and Dissemination Plan that identifies beneficiaries and stakeholders and considers channels for engagement
- **Group C:** Develop two or three engaging 'one-minute elevator pitches' on EUROCLAST research areas.

The facilitators from the masterclasses will mentor each group with its chosen output.

13:00 **Lunch** (groups continue to work on their outputs from the am session)

14:00 **Reconvene** and present outputs from morning [morning guests/facilitators free to depart]

- Group A: Read out their article pitch
- Group B: Present their impact and dissemination plan
- Group C: Deliver their elevator pitches

14:30 **Engaging Live Part 1: Techniques and Formats**

Dr Kenneth Skeldon and Dr Lucy Leiper, University of Aberdeen

In this section we will present creative approaches for lively engagement with non-expert audiences. The session will end with an 'engagement challenge' with groups getting a concept relevant to EUROCLAST and a randomly chosen audience and time duration over which to engage.

15:00 **Coffee and challenge prep**

15:30 **Engaging Live Part 2: Presenting the concept**

Groups will present their activity of the engagement challenge

16:00 **Context and Strategy**

Dr Kenneth Skeldon, University of Aberdeen

A presentation of the public engagement work at the University of Aberdeen and a summary of the main changes of approach and thought that have influenced engagement with society both in the UK and Europe.

16:15 **Engaging with EUROCLAST – the next two years**

Facilitated by Professor Miep Helfrich, Dr Ken Skeldon and Dr Lucy Leiper

This final section will build on the morning session on impact and engagement. We will consider how to enhance and deliver engagement activity in the next two years of the EUROCLAST project as individual organisations and as a collective.

The tips and techniques of the morning session, the practical approaches examined in the afternoon, combined with the strategic and background overview can all be brought together here, to identify pathways and areas of priority, to engage the outputs and outcomes of EUROCLAST with potential beneficiaries, stakeholders and general societal audiences.

17.00 Free time

19.00 Dinner

After dinner ESRs meet with their mentors, to be arranged individually.

All ESR will have updated their PDP and will bring a copy of this to the meeting.

Wednesday June 17

Breakfast in the various appartments

09.30-11.00 Workpackage leaders chair meetings with their groups in preparation for mid term review. Identification of areas for greater collaboration, ESR secondments/exchanges; prepare for plenary feedback. Use living rooms/kitchens in the various appartments as break-out rooms. Details will be filled in during the meeting

WP1, organised by Teun

WP2, organised by Tiina

WP3, organised by Göran

WP4, suggestion to combine with WP1

11.00-11.30 Coffee break

11.30-13.00 Plenary session with all: workpackage leaders report back to all on progress, opportunities and agreed deliverables

Chairs of this session: Vincent and Paul

13.00-14.00 Lunch

14.00-14.30 ESRs report back on training received and suggestions for essential future training

14.30-15.30 Consortium agrees on next steps in preparation for the MTR. At this point we can also create a few slides on our decisions to be used during the MTR

15.30-16.00 Break

We are now joined by our external expert **Prof. Anna Teti** and the programme adviser of our ITN, **Dr. GrațIELA Dobîrtă**

16.00-16.10 Short overview of Euroclast and scientific progress/training progress summay for the benefit of our external experts; ***Vincent Everts and Miep Helfrich***

16.10-16.40 Introduction of external expert ***Anna Teti, Professor at the University of l'Aquila, Italy*** who will give a short lecture of her work

17.30 **WALK WITH RANGER KIM NEILSSON THROUGH THE ESTATE BEHIND MAR LODGE. WE RETURN TO CLAYBOCKIE WHERE WE WILL HAVE DINNER**

19.00 BBQ at Claybockie

Fireside discussions on topics selected by the ESRs (these can be generic, technical, ethical etc., or further discussions re public engagement). Our external experts join us.

Those that depart on the 18th will meet with GrațIELA Dobîrtă on the evening of the 17th during and after dinner.

Fiddle music by Elly McLaren, Braemar.

Thursday June 18

1. Mid term review meeting

Place: Mar Lodge Braemar

Purpose: Review by EU adviser on progress in training and research of the consortium.

Who attends: All ESRs and all partners (those that depart on the 18th will meet with Grațîela Dobîrtă on the evening of the 17th during and after dinner).

Participants: Scientists in charge (partners), representatives, all the appointed Early Stage Researchers.

09.00-09.15 **Introduction:** Short introductions by Grațîela Dobîrtă (Research Executive Agency) the Expert Reviewer Anna Teti and Project Coordinator Vincent Everts.

09.15-09.45 **Presentation:** Presentation by Grațîela Dobîrtă underlining the rules and contractual obligations covering the reporting/financial/eligibility/ethics, etc.

09.45-10.15 **Tour de table:** Each scientist-in-charge presents his/her research team and describes the role in the network.

10.15-11.15 **Coordinator's report:** The Coordinator (Vincent Everts) will present the Network and focus on the scientific and management issues as reported in the Mid-Term Review Report. The Assistant coordinator training (ACT, Miep Helfrich) will present the training, networking and outreach events.

11.15-11.30 **Short Break**

11.30-12.30 **ESRs individual reports: POSTERS**
Five ESRs will discuss their projects in poster format. There will be a structured discussion with small groups (mix of senior staff and ESRs) rotating past the posters, with the schedule to be presented on the day. Presenting ESRs will also take part in one rotation. Four rotations. Presentation of 3 minutes with 10 minutes discussion

12.30-13.30 **Break and lunch**

13.30-14:45 **ESRs individual reports: ORAL PRESENTATIONS**
Six ESRs will discuss their projects as plenary oral presentations. Talks are 8 minutes with 4 minutes of discussion.

14.45-15.00 **Short break**

15.00-16.30 **Meeting between the 11 ESRs and the REA representative**

16.30-17.15 **Feedback and open discussion.** Summary of the output of the Network, identification of possible training areas for future exploitation.

17.15-18.00 **Restricted session (optional)** Meeting between coordinator/partners (financial managers) and project officer to discuss financial issues.

19.00 **Dinner**

Friday June 19th

Breakfast in the various apartments.

Check out by 10 am.

Bus departs for Aberdeen airport at 10.00. Expected travel time is 90 minutes.

Any flight departing from 1 pm will be made. We can be flexible in these times depending on feedback from those attending. There will be cars that can take people back earlier if necessary.