



OCUTHER 3rd CONFERENCE & ADVANCED COURSES

DATE: 16. – 19.9.2019

VENUE: QUEEN'S UNIVERSITY BELFAST

WELLCOME-WOLFSON INSTITUTE FOR EXPERIMENTAL MEDICINE,
SCHOOL OF MEDICINE, DENTISTRY AND BIOMEDICAL SCIENCES,
97 LISBURN ROAD BT9 7BL BELFAST, NORTHERN IRELAND, U.K.

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PROGRAMME 16.9.2019

- 08.45 – 09.00 Registration
- 09.00 – 09.05 Welcome
Director of CEM, Queen's University and Coordinator Prof. Arto Urtti, UEF
- 09.05 – 09.15 OcuTher progress
Coordinator, Prof. Arto Urtti, University of Eastern Finland
- 09.15 – 09.20 Conference & Courses practical programme introduction
Karin Koivisto, University of Eastern Finland

ESR Presentations:

- 09.20 – 09.40 ESR 1 (15 min. presentation + 5 min discussion)
- 09.40 – 10.00 ESR 2
- 10.00 – 10.20 ESR 3

10.20 – 10.35 Coffee break (15 min)

- 10.35 – 10.55 ESR 4
- 10.55 – 11.15 ESR 5
- 11.15 – 11.35 ESR 6
- 11.35 – 11.55 ESR 7
- 11.55 – 12.15 ESR 8
- 12.15 – 12.35 ESR 9

12.35 – 13.20 Lunch (45 min)

- 13.20 – 13.40 ESR 10
- 13.40 – 14.00 ESR 11
- 14.00 – 14.20 ESR 12
- 14.20 – 14.40 ESR 13
- 14.40 – 15.00 ESR 14
- 15.00 – 15.20 ESR 15

15.25 – 16.25 Scientific Advisory Board Meeting & Coffee

16.30 – 17.00 Summery by the Coordinator and Discussion

19.00 Working-dinner at hosted by OcuTher
'Deans at Queens', 1 College Gardens, Belfast BT9 6BQ

PROGRAMME 17.9.2019

- 09.00 – 10.30 Management Team Meeting
- 10.30 – 10.45 Coffee break (15 min.)
- 10.45 – 12.00 Supervisory Board Meeting (with coffee for board meeting participants)
- 12.00 – 13.00 Lunch (60 min)

BUSINESS AND ENTREPRENEURSHIP

- 13.00 – 13.30 IP and FTO
IP by QUB team (Dermot Tierney/Aoife McCawley, Research & Enterprise Directorate, QUB)
- 13.30 – 14.00 Regulatory aspects
Dr. Lasse Leino, CEO, DeSiTech Ltd
- 14.00 – 14.30 New business models (open innovation)
Dermot Tierney/Aoife McCawley, Research & Enterprise Directorate, QUB
- 14.30 – 15.00 An inside view – working in pharma research at Bayer
Dr. Carsten Terjung, Bayer
- 15.00 – 15.15 Coffee Break (15 min.)
- 15.15 – 15.45 Pharma and investor perspectives on biotech
Speaker open
- 15.45 – 16.15 Business case
Dr. Olivier Zelphati, CEO, OZ Bioscience
- 16.15 – 17.15 Business development & Science SME entrepreneurship
*Dr. Inmaculada Higuera, Business Development Manager, The Wellcome-Wolfson Institute for Experimental Medicine, Queen's University Belfast, U.K.
Dr. Lasse Leino, CEO, DeSiTech Ltd*

- 19.00 Working Dinner hosted by OcuTher
'Cutters Wharf', Lockview Road, Belfast, BT9 5FJ

PROGRAMME 18.9.2019

ADVANCED COURSE IN MATERIAL SCIENCES

1. Nanotechnology

- 09.00 – 09.20 Introduction to nanotechnology
Prof. Paolo Caliceti, University of Padova, Italy
- 09.20 – 09.40 Inorganic nanocarriers for drug delivery
Prof. Stefano Salmaso, University of Padova, Italy
- 09.40 – 10.00 Overview on soluble polymers for drug conjugation
Prof. Paolo Caliceti, University of Padova, Italy
- 10.00 – 10.30 Nanohydrogels
Prof. Wim Hennink, University of Utrecht, The Netherlands
- 10.30 – 11.00 Coffee Break (30 min.)

2. Bioconjugation techniques

- 11.00 – 11.30 Chemistry of bioconjugation
Prof. Wim Hennink, University of Utrecht, The Netherlands
- 11.30 – 12.00 Surface decoration of particles for targeting
Prof. Enrico Mastrobattista, University of Utrecht, The Netherlands

3. Bioinspired materials

- 12.00 – 12.30 Bioinspired nanomachines
Prof. Jan van Hest, Technical University Eindhoven, The Netherlands
- 12.30 – 13.30 Lunch (60 min.)

4. Supramolecular chemistry and self-assembly

- 13.30 – 14.00 Self assembling materials
Prof. Jan van Hest, Technical University Eindhoven, The Netherlands
- 14.00 – 14.30 Environmentally sensitive systems
Prof. Stefano Salmaso, University of Padova, Italy

5. Biological behaviour

- 14.30 – 15.00 Mechanisms of cell interaction, up-take and trafficking
Prof. Enrico Mastrobattista, University of Utrecht, The Netherlands
- 15.00 – 15.30 Coffee Break (30 min.)

15.30 – 16.00 Biocompatibility
Prof. Stefano Salmaso, University of Padova, Italy

6. Applications

16.00 – 16.30 Micro and nano-systems for intraocular delivery
Prof. Arto Urtti, University of Eastern Finland

PROGRAMME 19.9.2019

Personal Development Course

09.00 – 10.00 Career Development: Rules of a Scientist's Life
Dr. Thomas Wheeler-Schilling, Head of Research Management, University of Tübingen, Germany

10.00 – 10.30 Personal development lecture
Prof. Arto Urtti, University of Eastern Finland

10.30 – 10.50 Coffee Break (20 min.)

10.50 – 11.20 Personal career perspective
Prof. Wim Hennink, University of Utrecht, The Netherlands

11.20 – 12.00 Discussion

12.00 – 13.00 Lunch (60 min.)

Scientific Publishing Course

13.00 – 14.00 Writing great publications
Prof. Arto Urtti, University of Eastern Finland

14.00 – 15.00 Scientific ethics and publishing
Prof. Arto Urtti, University of Eastern Finland

15.00 – 16.00 Problematic trends of scientific publishing
Prof. Arto Urtti, University of Eastern Finland

16.00 Farewell coffee (cold salty buffet)