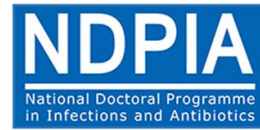
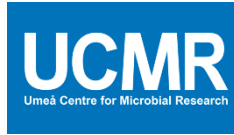


Infection and Cancer

Course arranged by



August 23, 2021

Day 1 - Introduction to Infections and Cancer

- | | |
|--------------------|---|
| 9:00-9:30 | Welcome / Introduction of Course Participants
<i>Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell</i>
<i>Department of Molecular Biology, Umeå University, Sweden</i> |
| 9:30-11:15 | Viruses and Cancer
<i>Maria Masucci</i>
<i>Department of Cell and Molecular Biology, Karolinska Institute, Sweden</i> |
| 11:15-11:30 | Break |
| 11:30-12:00 | Discussions with the speaker
<i>Maria Masucci</i>
<i>Department of Cell and Molecular Biology, Karolinska Institute, Sweden</i> |
| 12:00-13:00 | Lunch |
| 13:00-14:45 | Bacteria and Cancer
<i>Jacques Neefjes</i>
<i>Department of Cell and Chemical Biology, Leiden University Medical Center; and</i>
<i>Oncode Institute, The Netherlands</i> |
| 14:45-15:00 | Break |
| 15:00-15:30 | Discussions with the speaker
<i>Jacques Neefjes</i>
<i>Department of Cell and Chemical Biology, Leiden University Medical Center; and</i>
<i>Oncode Institute, The Netherlands</i> |
| 15:30-15:45 | Presentation of the course assignment
<i>Course organizers: Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell</i>
<i>Department of Molecular Biology, Umeå University, Sweden</i> |

August 24, 2021

Day 2 - UCMR Infection and Cancer Symposium

- 9:00-9:15** **Welcome**
Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell
Department of Molecular Biology, Umeå University, Sweden
- Chairperson: Teresa Frisan**
- 9:15-10:00** **Stem-cell driven models to understand epithelial response to infections and cancer initiation**
Francesco Boccellato
Ludwig Institute for Cancer Research, University of Oxford, UK
- 10:00-10:45** **Strategies for host cell reprogramming during viral infections**
Maria Masucci
Department of Cell and Molecular Biology, Karolinska Institute, Sweden
- 10:45-11:00** **Break**
- 11:00-11:45** **Control of human papillomavirus E6 and E7 oncogene expression at the level of RNA splicing**
Stefan Schwartz
Department of Laboratory Medicine, Lund University, Sweden
- 11:45-12:30** **Lunch**
- 12:30-14:00** **Poster Viewing (including poster walks)**
- 14:00-14:45** **The microbiota, immune response and molecular subtypes in human colorectal cancer**
Richard Palmqvist
Department of Medical Biosciences, Pathology, Umeå University
- Chairpersons: Saskia Erttmann and Ellen Bushell**
- 14:45-15:45** **Presentations selected from the poster abstracts**
- 15:45-16:00** **Break**
- Chairperson: Sun Nyunt Wai**
- 16:00-16:45** **Oncolytic adenoviruses in cancer therapy: where are we clinically?**
Akseli Hemminki
Department of Oncology, University of Helsinki, Finland
- 16:45-17:30** **Intestinal *Escherichia coli* and colorectal cancer**
Jenelle Arthur
Department of Microbiology and Immunology, University of North Carolina
- 17:30-17:45** **Break**
- 17:45-18:30** **Synthetic biology: From engineered bacteria gene circuits to cancer therapy**
Tal Danino
Synthetic Biological Systems Laboratory, Columbia University, New York
- 18:30-18:45** **Poster prize and concluding remarks**

August 25, 2021

Day 3 - Poster Discussions

Chairpersons: Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell

9:30-12:30 Poster Presentations and Discussion

12:30- Start work on the assignments

August 26, 2021

Day 4 - Assignment Discussions and Planning

9:30-12:30 Work on the assignments in groups (in Zoom)

Course organizers are available from 11:00-12:00 to answer questions
Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell
Department of Molecular Biology, Umeå University, Sweden

August 27, 2021

Day 5 - Assignment Presentations

Chairpersons: Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell

9:00-15:30 Assignment presentations and peer review feedback

Concluding remarks by the organizers