**Infection and Cancer**



**Course arranged by**

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| August 23, 2021 |
| Day 1 - Introduction to Infections and Cancer |
| 9:00-9:30 | **Welcome / Introduction of Course Participants***Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell**Department of Molecular Biology, Umeå University, Sweden* |
| 9:30-11:15 | **Viruses and Cancer** *Maria Masucci* *Department of Cell and Molecular Biology, Karolinska Institute, Sweden* |
| 11:15-11:30 | **Break** |
| 11:30-12:00 | **Discussions with the speaker***Maria Masucci* *Department of Cell and Molecular Biology, Karolinska Institute, Sweden* |
| 12:00-13:00 | **Lunch** |
| 13:00-14:45  | **Bacteria and Cancer***Jacques Neefjes* *Department of Cell and Chemical Biology, Leiden University Medical Center; and Oncode Institute, The Netherlands* |
| 14:45-15:00 | **Break** |
| 15:00-15:30 | **Discussions with the speaker***Jacques Neefjes* *Department of Cell and Chemical Biology, Leiden University Medical Center; and Oncode Institute, The Netherlands* |
| 15:30-15:45 | **Presentation of the course assignment***Course organizers: Teresa Frisan, Saskia Erttmann, Sun Nyunt Wai, Ellen Bushell**Department of Molecular Biology, Umeå University, Sweden* |

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| 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 PalmqvistDepartment 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** |

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| 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** |