Program

Monday 16 November

Registration and Welcome

10:30–11:00	**Registration and Poster Mounting**
11:00–11:30	**Welcome and Short Introductions by Course Participants** Marie Hagbom, Karolinska Institutet, Linköping University Lennart Svensson, Karolinska Institutet, Linköping University Annasara Lenman, Umeå University
11:30–12:30	**Lunch**

Session I – Introduction
Chair:

12:30–13:15	**Introduction to Organoids** Salvatore Simmini, STEMCELL Technologies, Cambridge *Biosketch on page 12*
13:15–13:30	**Questions and Discussion**
13:30–14:15	**How to run an Organoid Center** Mary Estes, Baylor College of Medicine, Houston, Texas *Biosketch on page 13*
14:15–14:30	**Questions and Discussion**
14:30–15:00	**Coffee**

Session II – Gastro Intestinal Organoids
Chair:

15:00–15:45	**Intestinal Organoids, Enteric Viruses** Mary Estes, Baylor College of Medicine, Houston, Texas *Biosketch on page 13*
15:45–16:00	**Questions and Discussion**
16:00–16:45	**Intestinal Organoids, Bacterial Infections** Mikael Sellin, Uppsala University, Sweden *Biosketch on page 14*
16:45–17:00	**Questions and Discussion**
17:00–17:15	**Break**
17:15–18:00	**Stomach Organoids, Bacterial Infections** Theodore Grenier, Hubrecht Institute, Utrecht, Netherlands *Biosketch on page 15*
18:00–18:15	**Questions and Discussion**
18:15–19:00	**Free Time and Check-in**
19:00	**Dinner**

Program

Tuesday 17 November

Session III – Respiratory Organoids
Chair:

08:15–09:00	**Respiratory Organoids: a Robust Platform for Virus Research and Development of Therapeutics (SARS-CoV-2)** Jane Zhou Jie, University of Hong Kong, China *Biosketch on page 16*
09:00–09:15	**Questions and Discussion**
09:15–10:00	**Respiratory Organoids: a Robust Platform for Virus Research and Development of Therapeutics (Influenza Virus)** Jane Zhou Jie, University of Hong Kong, China *Biosketch on page 16*
10:00–10:15	**Questions and Discussion**
10:15–10:45	**Coffee**
10:45–11:30	**Lung Organoids, Plasmodium Infection** Theodore Grenier, Hubrecht Institute, Utrecht, Nederland *Biosketch on page 15*
11:30–11:45	**Questions and Discussion**
11:45–12:45	**Lunch**

Poster Session – Poster Walks in Parallel Groups

12:45–13:40	**Poster Walks**
13:40–13:50	**Short Break**
13:50–14:45	**Poster Walks**
14:45–15:15	**Coffee**

Session IV –
Chair:

15:15–16:00	**Brain-Zika Virus** Ali Mirazimi, Karolinska Institutet, Stockholm, Sweden *Biosketch on page 17*
16:00–16:15	**Questions and Discussion**
16:15–17:00	**Blood-Vessel Organoids to Study Hemorrhagic Fever Virus Infection** Vanessa Monteil, Karolinska Institutet, Stockholm, Sweden *Biosketch on page 18*
17:00–17:15	**Questions and Discussion**
17:15–17:30	**Break**
17:30–18:15	**Towards the Next-Generation Organoids – Examples From Liver and Pancreas Organoids** Amanda Andersssson Rolf, Karolinska Institutet, Stockholm, Sweden *Biosketch on page 19*
18:15–18:30	**Questions and Discussion**
18:30–19:00	**Free Time**
19:00	**Dinner**

Program

Wednesday 18 November

Session V – Recent Advancement in Organoid Culture
Chair:

08:30–09:15	**Advances in Co-Culture** Salvatore Simmini, STEMCELL Technologies, Cambridge *Biosketch on page 12*
09:15–09:30	**Questions and Discussion**
09:30–10:15	**Organoid on a Chip, Liver Spheroids** Volker Lauschke, Karolinska Institutet, Stockholm *Biosketch on page 20*
10:15–10:30	**Questions and Discussion**
10:30–11:00	**Coffee**
11:00–11:45	**Advances in Matrix Support** My Hedhammar, Royal Institute of Technology (KTH), Stockholm, Sweden *Biosketch on page 21*
11:45–12:00	**Questions and Discussion**
12:00–13:00	**Lunch**

Poster Session VI – Animal Organoids
Chair:

13:00–13:45	**The Zoorganoid Biobank: Advancing Animal Organoid Models for Influenza and MERS-CoV Infection Studies** Julia Vergara-Alert, Institute of Agrifood Research and Technology, Barcelona, Spain *Biosketch on page 22*
13:45–14:00	**Questions and Discussion**
14:00–14:45	**Intestinal Organoids as Models for Host–Parasite Interactions in Veterinary Medicine** Eva Tyden, Swedish University of Argicultural Sciences, Uppsala, Sweden *Biosketch on page 23*
14:45–15:00	**Questions and Discussion**
15:00–15:30	**Coffee, Closing Remarks, Course Certificates and Course Evaluation**
15:30	**Departure**