

Viral Vectors and Virus-Like Particles Symposium: from design to clinical application

12th September 2024, Bergasalen, Norrlands Universitetssjukhus, Umeå

PROGRAM

8:30 Registration

9:00 Welcome and Introduction

Session 1: Viral vector vaccines - chair : Tessy Hick

9:15 Keynote : **Christin Schmidt**
"Trans-amplifying RNA as vaccine platform and its use as chikungunya virus vaccine"

10:00 *Coffee break with poster presentation*

Session 2: Viral vector development and clinical applications - chair : Marta Bally

10:30 Keynote : **Niklas Arnberg**
"Virus-receptor interactions: Implications for vector targeting and adenovirus as a model"

11.15 **Katarina Danskog**
"Lactoferricin-enhanced adenovirus transduction of muscle cells"

11.30 Keynote : **Ya-Fang Mei**
"Molecular bases and recent advances of the oncolytic adenovirus 11p vectors in cancer therapy"

12:15 *Lunch*

Session 3: Virus like particle vaccines and antiviral approaches - chair : Magnus Evander

13:30 Keynote : **Giuditta De Lorenzo**
"Pre-clinical evaluation of an engineered VLP-based vaccine candidate against ZIKV"

14:15 **Allison Groseth**
"Applying virus-like particle technology for the identification and testing of novel antiviral approaches against arenaviruses"

14:30 **Richard Lindqvist**
"Identification of motif-based interactions between SARS-CoV-2 protein domains and human peptide ligands pinpoint antiviral targets"

14:45 *Coffee break with poster presentation*

Session 4: Virus-like particles as a research tool - chair : Małgorzata Graul

15:15 Keynote : **Thomas Hoenen**
"Studying highly pathogenic viruses with transcription and replication-competent virus-like particles and other reverse genetics systems"

16:00 **Stephanie Devignot**
"Long-lasting neutralising antibody levels in Crimean-Congo hemorrhagic fever (CCHF) convalescent patients detected by CCHF-specific virus-like particles (VLPs)"

16:15 *Closing remarks*

16:20-17:00 Mingle over posters

Location:

