

# AGENDA X-HiDE phase 2, kick-off conference



Location: Örebro University, X-Huset, Tidefeldtsalen and X2501

## Day 1 – Monday 22 September

### 11.00 - 11.30

- **Session 1: Where we are and where we are going**

- Welcome and Knowledge transfer - across diseases and within inflammatory phenotypes. (ORU)
- A decade of Infla-Med: Bridging fundamental insights and translational impact in chronic inflammation. (Infla-Med)
- Inflammatory phenotypes in cancer development, progression and treatment. (Sprint Bioscience)

### 11.30 - 13.00

- **Session 2: Sepsis – a model disease for dysregulated inflammation**

- Sepsis-what is the challenge? (ORU)
- Dysregulated host (immune) responses. (ORU)
- Immune molecular markers in Predict Sepsis (ORU)
- Metabolomic signatures of sepsis (ORU)
- Interleukin-6 signalling components as predictors for sepsis (ORU)

### 13.00 - 14.00

- **Lunch at the exhibition**

### 14.00 - 15.30

- **Session 3: Fingerprinting inflammation in lung disease**

- Introduction and current projects (ORU)
- Models focus on lungs (Mattek)
- Products and examples of lung cell exposure and inflammation (Vitrocell)
- Volatomics (Infla-Med)
- New Postdoc and project (ORU)

### 15.30 - 16.15

- **Coffee break at the exhibition**

### 16.15 - 17.45

- **Session 4: CVD as a model disease for low-grade inflammation**

- The Hidden Players in Advanced Atherosclerosis: Histopathological Insights into Mast Cell-Mediated Plaque Instability (Infla-Med)
- Immunometabolic regulation of vascular cells: interferon- $\gamma$ -altered glutamine metabolism and its implications for atherosclerosis (ORU)
- Glycans in CVD (Genos)

### 19.00 –

- **Dinner**

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## Day 2 – Tuesday 23 September

### 8.30 – 10.00

- **Session 5: From smouldering to flaring – inflammation in lupus and autoimmunity**
  - Systemic lupus erythematosus as a model disease in X-HiDE (ORU)
  - CAR-NK cell therapy – from cancer to autoimmunity (Glycostem)
  - Glycomics in health and disease - what makes glycans important to inflammation? (Genos)
  - The vision of molecular reclassification of immune-mediated diseases (ORU)

### 10.00 – 10.45

- **Coffee break at the exhibition**

### 10.45 – 12.10

- **Session 6: Cross-Disease Perspectives on Decoding Inflammation: Possibilities, Cohorts, Challenges, and Insights**
  - Knowledge gained and knowledge to be gained by comparing inflammation in different diseases (ORU)
  - The X-HiDE Cohorts; Sepsis, SLE and CVD (ORU)
  - The X-HiDE Model Cohort (ORU)
  - Model Disease cohorts; characteristics and demographics (ORU)
  - Selection of subjects and samples (ORU)
  - Possibilities to characterize shared and unique patterns with:
    - Proteomic techniques (Somalogic/ StandardBio)
    - Biostatistics and Bioinformatic techniques (ORU)
  - How about difficulties connected to cohort/handling-specific variations (ORU)

### 12.15 -

- **Lunch at the exhibition**