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# KAW-SLE project symposium: From genes to function in SLE

Biomedical Centre (BMC), Husargatan 3, Uppsala.

Entr C11, SciLifeLab, "Navet", ground floor.

February 2, 2017 at 13.00 – 17.00.

## 13.00 -13.10 Introductory remarks

Ann-Christine Syvänen, Molecular Medicine, Dept of Medical Sciences, UU

## 13.10 - 13.50 From genes to function in SLE – an example

Timothy Vyse, Molecular Medicine, Kings College London, UK

## 13.50 - 14.30 Genomic and epigenetic variability in autoimmune diseases

Tomi Pastinen, Dept of Human genetics, McGill University, Montreal, CA

## 14.30 -15.00 Coffe

## 15.00 - 15.20 Detection of *de novo* mutations in SLE by whole-genome sequencing

Jonas C Almlöf, Molecular Medicine, Dept of Medical Sciences, UU

## 15.20 – 15.40 DNA methylation mapping identifies gene regulatory effects in patients with SLE

Johanna Sandling, Rheumatology/Molecular Medicine, Dept of Medical Sciences, UU

## 15.40-16.00 Genetics of interferon- $\alpha$ production by plasmacytoid dendritic cells

Maija-Leena Eloranta, Rheumatology, Dept of Medical Sciences, UU

## 16.00 – 16.20 Functional consequences of genetic risk variants in STAT4

Niklas Hagberg, , Rheumatology, Dept of Medical Sciences, UU

## 16.20 -16.50 Prospects of "linked read" sequencing for phasing and single cell RNA-sequencing

Jessica Nordlund, Molecular Medicine/SNP&SEQ, National Genomics Infrastructure SciLifeLab, Dept Medical Sciences, UU

## 16.50 -17.00 Concluding remarks

Lars Rönnblom, Rheumatology, Dept of Medical Sciences

**Welcome!**

*Knut och Alice  
Wallenbergs  
Stiftelse*