



Speaker Series

Guest Speaker

"Integrative genomics of coronary artery disease"



Minna Kaikkonen-Määttä, PhD

Associate Professor

A.I. Virtanen Institute

University of Eastern Finland

Coronary artery disease (CAD) is the leading cause of death worldwide. To improve disease prevention, diagnosis and treatment, we need to gain better understanding of the molecular and genetic factors that promote the disease. GWAS has identified 161 risk loci for CAD which, however, correspond to thousands of SNPs with no known roles. Therefore, a major priority for understanding disease mechanisms is to understand at the molecular level the function of each CAD loci. By integrating genomic data and molecular phenotypes from functionally relevant human cell types our labs aims to bring about better understanding genetic basis of CAD. To further understand the contributions of disease associated cell types, our lab works to characterize the gene regulatory processes driving cell identity by integrating genomics data from levels of chromatin organization, transcription, post-transcription and translation.

Wednesday, October 10, 2018

2:00pm – 3:00pm

Gonda Building 1st Floor Conference Room, 1357

Light snack will be provided

To meet with Dr. Minna Kaikkonen-Määttä, please contact:

Host: Dr. Paivi Pajukanta