



**Finnish Atherosclerosis Society
Suomen Ateroskleroosiyhdistys ry**

11th Annual Meeting in Oulu



Photograph by Hannu Uusitalo

Time: Friday 17.3.2017

Place:

**The lecture hall of the Department of Pharmacology F202,
Door 5B, Aapistie 5B, 90220 Oulu**

11th Annual Meeting in Oulu

Thursday 16.3.2017

19:00 **Dinner** for all participants of the 11th Annual Meeting
Place: Uusi Seurahuone, ravintola Hugo, Karl-cabinet, 2nd floor,
Rantakatu 4, 90100 Oulu

Please note that your registration to dinner is binding.

At the restaurant there will be a list of those who have registered to dinner.
Please sign the list next to your name.

During the dinner, there will be

the Annual meeting of the Finnish Atherosclerosis Society (in Finnish)

- The location and time of the next scientific meeting will be decided.
- The names of the research fellows who have received travel grants from the Finnish Atherosclerosis Society will be announced.

If you have any questions, please call Marita Ahola, tel. 040 521 8609,
marita.ahola@ppshp.fi

11th Annual Meeting in Oulu

Lecture hall F202, Aapistie 5B, 90220 Oulu

Please note that there is **10 minutes** for the presentation and **5 minutes** for discussion.

The presentations are in English.

Friday 17.3.2017

08:00-08:30 **Registration and coffee**

08:30-08:35 **Opening words**
Minna Hannuksela and Tuire Salonurmi,
University of Oulu and Oulu University Hospital, Oulu

Session I

Chairs *Anna-Liisa Levonen, University of Eastern Finland, Kuopio*
Markus Juonala, University of Turku, Turku

08:35-09:15 **Tailored lifestyle counseling in prevention of public health diseases**
Markku Savolainen, Professor of Internal Medicine
University of Oulu and Oulu University Hospital, Oulu

09:15-09:30 **Evolocumab and atheroma burden**
Päivi Lakkakorpi, Sr Regional Medical Liaison, lääketieteellinen asiantuntija, Amgen

09:30-09:45 **Short break**

09:45-10:00 **Fat mass- and obesity-associated gene Fto in the regulation of adipose tissue gene and microRNA expression**
Justiina Ronkainen, University of Oulu and Oulu University Hospital, Oulu

10:00-10:15 **Metabolomic signature of incident type 2 diabetes: Evidence from NMR in over 18,000 Finns**
Ari Ahola-Olli, University of Turku, Turku

10:15-10:30 **Lipid composition regulates LDL instability, a novel modifiable biomarker that predicts future cardiovascular deaths**
Maija Ruuth, Wihuri Research Institute, Helsinki

10:30-11:15

Lunch at the Restaurant Medisiina

There will be a list of those who have registered to lunch at the cashier.

[Please sign the list next to your name.](#)

11:15-11:30

Evaluation of aortic valve morphology in hyperlipidemic mice by magnetic resonance imaging (MRI)

Jonna Weisell, University of Eastern Finland, Kuopio

11:30-11:45

Application of induced pluripotent stem cell-derived hepatocyte-like cells to coronary artery disease modeling and improvement of diagnostics

Anna Alexanova, University of Tampere, BioMediTech institute, Tampere

11:45-12:00

Cell type specific expression of coronary artery disease genes

Pierre Moreau, University of Eastern Finland, Kuopio

12:00-12:15

Interpreting genetic variation in coronary artery disease (CAD)

Ilakya Selvarajan, University of Eastern Finland, Kuopio

12:15-12:30

MicroRNA profiling reveals distinct profiles for tissue-derived and cultured endothelial cells

Emilia Kansanen, University of Eastern Finland, Kuopio

12:30-12:45

Short break

Session II

Chairs

Katariina Öörni, Wihuri Research Institute, Helsinki

Vesa Olkkonen, Minerva Foundation Institute for Medical Research, Helsinki

12:45-13:00

The role of Nrf2 in bone marrow derived macrophages in atherosclerosis

Virve Sihvola, University of Eastern Finland, Kuopio

13:00-13:15

Nrf2 controls endothelial cell glycolysis and proliferation with miR-93e

Suvi Kuosmanen, University of Eastern Finland, Kuopio

13:15-13:30

Secreto Oral:

Oral health and early-onset ischemic stroke - A case-control study

Jaakko Leskelä, University of Helsinki and Helsinki University Hospital, Helsinki

13:30-13:45

Smoking disturbs the serum and saliva biomarker diagnostics in both CAD and periodontitis

Laura Lahdentausta, University of Helsinki and Helsinki University Hospital, Helsinki

- 13:45-14:00 **The effect of alpha-linolenic acid and fish intakes on binding of lipoproteins to aortic proteoglycans**
Suvi Manninen, University of Eastern Finland, Kuopio
- 14:00-14:30 Coffee**
- 14:30-14:45 **MSD and scientific strategies managing atherosclerotic diseases**
Tuomas Peltonen, Assistant director Medical, LT, KTM, MSD
- 14:45-15:00 **Lipidomic and inflammatory response to dietary linoleic acid depends on the FADS1 genotype**
Maria Lankinen, University of Eastern Finland, Kuopio
- 15:00-15:15 **Podoplanin expression in aortic stenosis**
*Juha Näpänkangas,
University of Oulu and Oulu University Hospital, Oulu*
- 15:15-15:30 **Circulating 4 β -hydroxycholesterol acts as a signalling molecule to regulate macrophage cholesterol transport**
Janne Hukkanen, University of Oulu and Oulu University Hospital, Oulu
- 15:30-15:40 **Announcement of the best presentation of the meeting
– the Young Investigator Award**
Anna-Liisa Levonen, Chair of the Finnish Atherosclerosis Society
- 15:40-15:45 **Closing words**
*Minna Hannuksela and Tuire Salonurmi,
University of Oulu and Oulu University Hospital, Oulu*