



**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, Rantakatu 4, 90100 Oulu

Please note that your registration to dinner is **binding**.

If you need to cancel dinner,
please call or e-mail Marita Ahola immediately
tel. 040 521 8609, marita.ahola@ppshp.fi.

The dead line for cancelling dinner is Wednesday 8.3.2017.

The restaurant does not accept cancellations after this date,
and will charge the full price of the dinner.

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.

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

08:10-08:40 **Registration and coffee**

08:40-08:45 **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*

08:45-09:30 **Tailored lifestyle counseling in prevention of public health diseases**
*Markku Savolainen, Professor of Internal Medicine
University of Oulu and Oulu University Hospital, Oulu*

09:30-09:45 **Evolocumab and atheroma burden**
Päivi Lakkakorpi, Sr Regional Medical Liaison, lääketieteellinen asiantuntija, Amgen

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

10:15-10:30 **Vascular endothelial growth factor B (VEGFB) gene transfer reduces atherosclerosis in mice**
Marius Robciuc, 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 deficiency impairs atherosclerotic lesion development but promotes a vulnerable plaque phenotype in mice**
Anna-Kaisa Ruotsalainen, University of Eastern Finland, Kuopio
- 13:15-13:30 **Nrf2 controls endothelial cell glycolysis and proliferation with miR-93e**
Suvi Kuosmanen, University of Eastern Finland, Kuopio
- 13:30-13:45 **Secreto Oral:**
Oral health and early-onset ischemic stroke - A case-control study
Jaakko Leskelä, University of Helsinki and Helsinki University Hospital, Helsinki
- 13:45-14:00 **Smoking disturbs the serum and saliva biomarker diagnostics in both CAD and periodontitis**
Laura Lahdentausta, University of Helsinki and Helsinki University Hospital, Helsinki

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

The effect of alpha-linolenic acid and fish intakes on binding of lipoproteins to aortic proteoglycans

Suvi Manninen, University of Eastern Finland, Kuopio

15:00-15:15

Lipidomic and inflammatory response to dietary linoleic acid depends on the FADS1 genotype

Maria Lankinen, University of Eastern Finland, Kuopio

15:15-15:30

Podoplanin expression in aortic stenosis

Juha Näpänkangas,

University of Oulu and Oulu University Hospital, Oulu

15:30-15:45

Circulating 4 β -hydroxycholesterol acts as a signalling molecule to regulate macrophage cholesterol transport

Janne Hukkanen, University of Oulu and Oulu University Hospital, Oulu

15:45-15:55

**Announcement of the best presentation of the meeting
– the Young Investigator Award**

Anna-Liisa Levonen, Chair of the Finnish Atherosclerosis Society

15:55-16:00

Closing words

Minna Hannuksela and Tuire Salonurmi,

University of Oulu and Oulu University Hospital, Oulu