

**Finnish Atherosclerosis Society / Suomen Ateroskleroosiyhdistys ry
Third Annual Meeting in Kuopio**

Time: 13.3.-14.3.2009

Place: Tietoteknia, Auditorium, Savilahdentie 6, Kuopio

Program

Friday 13.3.

- 12:30–13:00 **Registration + Coffee**
- 13:00–13:05 **Opening words**
Anna-Liisa Levonen
- 13:05–13:45 **Agonist-triggered phospholipid oxidation by lipoxygenases in circulating vascular cells: Identification of molecular structures using a lipidomic approach**
Dr. Valerie B. O'Donnell, University of Cardiff, School of Medicine, Cardiff, UK

I Nutrition, genetics and clinical studies

Chairs: *Jussi Pihlajamäki and Minna Hannuksela*

- 13:45–14:15 **Nutrigenetics, nutrigenomics and serum lipids**
Matti Uusitupa, University of Kuopio
- 14:15–14:30 **Conventional cardiovascular risk factors and metabolic syndrome in predicting carotid intima-media thickness progression in Young Adults. The Cardiovascular Risk in Young Finns Study**
Juha Koskinen, University of Turku
- 14:30–14:45 **Follow-ups of the cardiovascular risk in young finns study in 2001 and 2007: risk factor levels and secular trends**
Juho Raiko, University of Turku
- 14:45–15:00 **27-year tracking of serum lipids, blood pressures and obesity**
Jonna Sirviö, University of Turku

15:00–15:15	MSD Finland
15:15–15:30	Coffee
	I Nutrition, genetics and clinical studies (continued) Chairs: <i>Helena Gylling and Olli Raitakari</i>
15:30–16:00	Genetics of cardiovascular disease and its risk factors <i>Markku Laakso, University of Kuopio</i>
16:00–16:15	ADAM8 and its single nucleotide polymorphism 2662 T/G are associated with advanced atherosclerosis and fatal myocardial infarction: Tampere Vascular Study <i>Mari Levula, University of Tampere</i>
16:15–16:30	Short stature is associated with coronary heart disease: A systematic review of the literature and a meta-analysis <i>Tuula Paajanen, University of Tampere</i>
16:30–16:45	Measurements of angptl proteins in a Finnish population sample <i>Marius Robciuc, National Institute for Health and Welfare, Helsinki</i>
16:45–17:00	The effect of glycemic control on cholesterol metabolism and non-cholesterol sterol distribution in lipoproteins in type 1 diabetes <i>Chaiyasit Sittiwet, University of Helsinki</i>
17:00–17:15	Serum NMR metabonomics – high-throughput metabolic phenotyping in health and disease, and particularly in between <i>Mika Ala-Korpela, University of Oulu</i>
17:15–18:15	Suomen Ateroskleroosiyhdistys ry:n 3. sääntömääräinen vuosikokous
18:30–19:15	Tour in NMR metabonomics facilities, cocktails <i>Snellmania, 3rd floor, Yliopistonranta 1 E</i>
19:15	Bus transportation
19:30	Dinner at Restaurant OS <i>Tulliportinkatu 46-48</i>

Saturday 14.3.**II Basic and Translational Research**Chairs: *Matti Jauhiainen and Anna-Liisa Levonen*

- 8:30–9:00 **Atheroprotective potential of antibodies in atherogenesis**
Sohvi Hörkkö, University of Oulu
- 9:00–9:15 **Ghrelin vaccination does not affect weight gain or atherosclerosis in mice**
Eija Kellokoski, University of Oulu
- 9:15–9:30 **Inflammation and endotoxemia increase VLDL-derived foam cell formation in periodontitis**
Elisa Kallio, University of Helsinki
- 9:30–9:45 **Long-term infection by proatherogenic pathogens affects the fatty acid composition of adipose tissues in apoE-deficient mice**
Kati Hyvärinen, University of Helsinki
- 9:45–10:00 **Components of the reverse cholesterol transport process are associated with oocyte growth**
Jani Saarela, National Institute for Health and Welfare and Institute for Molecular Medicine Finland
- 10:00–10:15 **Role of high density lipoproteins (HDL) in host defense against bacterial pathogens**
Marta Biedzka-Sarek, National Institute for Health and Welfare
- 10:15–10:30 **Sulforaphane inhibits endothelial lipase expression through NF- κ B in endothelial cells**
Annukka Kivelä, University of Kuopio
- 10:30–10:45 **Coffee**

II Basic and Translational Research (continued)Chairs: *Petri Kovanen and Tiina Solakivi*

- 10:45–11:15 **Dysregulation of alternative splicing in obesity**
Jussi Pihlajamäki, University of Kuopio
- 11:15–11:30 **HDL-associating allelic variants of F13A1 contribute to its differential expression in adipose tissue**
Pirkka-Pekka Laurila, National Institute for Health and Welfare

11:30-11:45	VEGF-secreting mast cells and myofibroblasts in stenotic aortic valves – a potential self-perpetuating angiogenic mechanism in aortic valve stenosis <i>Suvi Syväranta, Wihuri Research Institute, Helsinki</i>
11:45-12:00	Microarray Analysis of RAW 264.7 macrophages silenced for ORP8 <i>Olivier Beaslas, National Institute for Health and Welfare</i>
12:00-12:15	The effect of caloric restriction during pregnancy on gene expression and obesity-related peptide hormones in rat <i>Mirella Hietaniemi, University of Oulu</i>
12:15-12:30	Nrf2-dependent and independent responses to nitro-fatty acids in human endothelial cells: identification of heat shock response as a major pathway activated by nitro-oleic acid <i>Emilia Kansanen, University of Kuopio</i>
12:30-12:45	The effect of macrophage Nrf2 on atherogenesis <i>Anna-Kaisa Kankkunen, University of Kuopio</i>
12:45–12:50	Closing words <i>Helena Gylling</i>
12:50-13:50	Lunch <i>Restaurant Tietoteknia</i>