

Satellite Symposium of the EAS 76th Congress
and the XVth Paavo Nurmi Symposium

HIGH DENSITY LIPOPROTEINS AND ATHEROSCLEROSIS

June 7-9, 2007
in Helsinki, Finland

PROGRAM

General Info

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THURSDAY, JUNE 7th, 2007

15.00-19.00 **Arrival and registration**
19.00-23.00 **Get-together party at the Biomedicum Helsinki**

FRIDAY, JUNE 8th, 2007

08.30-08.45 **Opening remarks**
08.45-09.00 **Paavo Nurmi Foundation presents
a short documentary film**

SESSION I
HDL STRUCTURE AND FUNCTIONS
Chairpersons: Kerry-Ann Rye and Matti Jauhiainen

09.00-09.45 **Prof. SEAN DAVIDSON, U. of Cincinnati, USA:**
"Apolipoprotein A-I; Belts, bundles, hinges and hairpins "

09.45-10.30 **Prof. VASSILIS ZANNIS, Boston U, USA:**
"Discrete Roles of ApoA-I and ApoE in the Biogenesis of HDL

Species: Lessons Learned from Gene Transfer Studies in Different Mouse Models."

10.30-11.00 **Coffee**

11.00-12.00 **Abstract presentations:**

11.00-11.30 *"Exploring the Crystal Structure of Cholesteryl Ester Transfer Protein"* XIA YANG QIU, Pfizer Inc, USA

11.30-11.45 *"Structural modifications of HDL by secretory sphingomyelinase have opposing effects on SR-BI and ABCA1-mediated cholesterol efflux"* MICHEL MARCIL, McGill U Health Center, Canada

11.45-12.00 *"Molecular basis of the suppression of reperfusion-induced arrhythmias by ApolipoproteinA-I discs"* SCIN-ICHIRO MIURA, U. of Fukuoka, Japan

12.00-13.00 **Lunch**

13.00-14.00 **Posters**

SESSION II HDL AND CELLULAR METABOLISM

Chairpersons Arie van Tol and Petri Kovanen

14.00-14.30 Prof. SHINJI YOKOYAMA, Nagoya City U, Japan:
"Assembly of high-density lipoprotein by the ABC transporter/apolipoprotein pathway "

14.30-15.00 Prof. JACQUES GENEST, McGill U, Montreal, Canada:
"Modern focus into the biogenesis of human high-density lipoproteins "

15.00-15.30 Prof. YVES L. MARCEL, U. of Ottawa Heart Inst, Canada:
"The hepatic pathway of high-density lipoprotein formation"

15.30-16.45 **Abstract presentations:**

15.30-15.45 *"OSBP-Related Protein 8 modulates the transcriptional control of cellular sterol homeostasis"* V.M. OLKKONEN, National Public Health Institute, Finland

15.45-16.00 *"Role of ABCA1 in the regulation of cholesterol homeostasis in macrophages"* O.L. FRANCONI, Pfizer Inc, USA

16.15-16.30 *"Defective adrenal HDL-cholesterol ester uptake via scavenger receptor impairs (hepatic) corticosteroid signalling and induces fasting hypoglycaemia in mice"* MENNO HOEKSTRA, Leiden/Amsterdam Center for Drug Research, Netherlands

16.30-16.45 *"In vivo HDL catabolism: a novel experimental approach using fluorescently labeled HDL in their lipid and protein moieties"* ATHINA KALOPISSIS, INSERM, France

19.30-22.00 **Symposium Dinner**

SATURDAY, JUNE 9th, 2007

SESSION III HDL AND ATHEROSCLEROSIS

Chairpersons Miranda van Eck and Vesa Olkkonen

09.00-09.45 Prof. PHIL BARTER, The Heart Research Inst, Sydney, Australia
"The role of high density lipoproteins in reducing cardiovascular risk"

09.45-10.30 Prof. H. BRIAN BREWER JR, National Heart, Lung and Blood Inst. / NIH, Bethesda, USA:
"The ABCs of high-density lipoprotein metabolism"

10.30-11.00 Coffee

11.00-12.00 Abstract presentations:

11.00-11.15 *"Combined deletion of SR-BI and ABCA1 in macrophages dramatically enhances macrophage foam cell atherosclerotic lesion development"* MIRANDA van ECK, Leiden/Amsterdam
Center for Drug Research, NL *information and*

11.15-11.30 *"HDL2 mediated cholesterol efflux from human derived macrophages is associated with severity of independent of plasma HDL"* P. LINSEL- NITSCHKE, U. of Lübeck, Germany *monocyte- coronary artery disease*

11.30-11.45 *"High plasma cholesteryl ester transfer protein mass may reduced incidence of cardiovascular disease in men with low triglycerides"* R.P. DULLAART, U. Medical Center Groningen, NL *favour*

11.45-12.00 *"Effects of smoking and obesity on exercise-induced HDL elevation"* MASATSUNE OGURA, National Defence Medical College

12.00-13.00 Lunch

13.00-14.00 Posters

SESSION IV

HDL - CLINICAL ASPECTS

Chairpersons John Chapman and Christian Ehnholm

14.00-14.45 Prof. CESARE SIRTORI, U. of Milan, Italy:

"ApoA-I Milano; From structure to clinical applications"

14.45-15.30 Prof. JEAN-CHARLES FRUCHART, Institut Pasteur, Lille, France:

"Therapeutic strategies for high-density lipoprotein elevation"

15.30-16.00 Coffee

16.00-17.00 Abstract presentations:

16.00-16.15 *"Niacin receptor pharmacology and its role in the anti-atherosclerotic effects of niacin"* M. GERARD WATERS, Merck Research Laboratories, USA

16.15-16.30 *"Mutations in ABCA1, low HDL, and risk of ischemic heart disease"* R. FRIKKE-SCHMIDT, U of Copenhagen, Denmark

16.30-16.45 *"Myeloperoxidase is associated with in vivo oxidized LDL in individuals with low HDL-cholesterol concentration"* L.P. van DER ZWAN, VU U. Medical Center, NL

16.45-17.00 *"Functionally defective HDL in type 2 diabetes: impact of dyslipidemia and hyperglycemia"* M.J. CHAPMAN, INSERM, France

17.00-17.15 **Closing remarks—the satellite ends**

Program