



## SCIENTIFIC PROGRAM

**Thursday, February 25, 2010**

**Conference opening**

**13:45-14:00**

**Session 1: Early detection and prevention of heart disease**

**14:00-18:00**

**Functional and structural biomarkers for early detection of cardiovascular disease, what are the most predictive?**

Speaker: Daniel A Duprez

**The role of cardiac imaging in early detection of heart disease**

Speaker: Jeanette Schulz-Menger

**Early detection and prevention of cardiac dysrhythmias**

Speaker: Paulus F. Kirchhof

**Sudden death – a preventable occurrence?**

Speaker: Amos Katz

### **Free communications**

**Aspirin as primary prevention of cardiovascular events in diabetics**

Speaker: Lorraine G. Almelor

**Risk factors in young adults predict atherosclerosis and heart failure 15-20 years later: The CARDIA study**

Speaker: Stephen Hulley

**Mini-symposium: Detection of unstable versus stable atherosclerotic plaque**

Speaker: Mat Daemen

Speaker: Henrik Sillesen

### **Panel discussion**

**Regression of preclinical organ damage in hypertension and prevention of cardiovascular events, is there a difference among cardiovascular antihypertensive drugs?**

Speaker: Enrico Agabiti Rosei



**Friday, February 26, 2010**

**Session 2: Early detection and prevention of hypertension**

**09:00-13:00**

**Genetic tools to identify genetic susceptibility and predict the development of hypertension**

Speaker: Heribert Schunkert

**Epidemiological tools to identify genetic susceptibility and predict the development of hypertension**

Speaker: Tobias Pischon

**Pre-hypertension: Time for intervention?**

Speaker: Ernesto L. Schiffrin

**Free communications**

**Rise in systolic blood pressure over 30 mmHg after mild exercise as a new marker for early cardiovascular disease risk stratification in asymptomatic normotensive patients regardless of sex**

Speaker: Mahfouz El Shahawy

**Diastolic and endothelial dysfunction are associated with insulin resistance, but not with aldosterone level in normotensive offspring of hypertensive families**

Speaker: Bogomir Zizek

**Forgotten women: Pre-eclampsia is a window of opportunity for early disease detection and prevention of non-pregnant cardiovascular disease**

Speaker: Fiona Broughton Pipkin

**Can repeated blood pressure measurements provide a biomarker for arterial aging?**

Speaker: Benjamin Gavish

**Healthy blood vessels – a non-existent entity?**

Speaker: Reuven Zimlichman

**Oxidative stress and mitochondrial function: Predictors of cardiovascular and metabolic disease?**

Speaker: Salvatore Moncada



**Friday, February 26, 2010**

**Session 3: Early detection and prevention of kidney disease**

**14:00-18:00**

**Established markers to predict renal disease**

Speaker: Paul E. de Jong

**Role of new biomarkers and novel tools to predict and prevent renal disease**

Speaker: Joseph V. Bonventre

**Free communications**

**B-type natriuretic peptide predicts 12-month renal replacement therapy requirement in CKD patients**

Speaker: Dominique Guerrot

**Association between the CNDP1 gene and diabetic nephropathy is stronger in early stages of diabetic nephropathy**

Speaker: Antien Mooyaart

**A disturbed circadian pattern of water excretion is associated with a blunted insulin secretion and nocturnal dipping of blood pressure in subjects with metabolic syndrome**

Speaker: Dominique Guerrot

**Prevalence and significance of CKD in Israel**

Speaker: Eliezer Golan

**Diabetic cardiovascular disease predicts chronic kidney disease awareness in the kidney early evaluation program**

Speaker: Adam Whaley-Connell

**Predicting cardiovascular disease by focusing on the cardio-renal axis**

Speaker: Reinhold Kreutz

**Role of genetics / genomics in predicting and preventing renal disease**

Speaker: Barry I. Freedman



**Saturday, February 27, 2010**

**Session 4: Early detection and prevention of diabetes**  
**09:00-13:00**

**Clinical, epidemiological and genetic tools to identify susceptibility and predict the development of diabetes**

Speaker: Mark E. Cooper

**Can novel biomarkers predict the development of end-organ damage in diabetes and can it be prevented?**

Speaker: Karin Jandeleit – Dahm

**Accord and Advance trials in preventing cardiovascular and cerebrovascular complications of diabetes – aims, results and implications**

Speaker: Simon Heller

**The role of pharmacological measures in preventing the evolution of diabetes in the susceptible individual**

Speaker: Adam Whaley-Connell

**Roadmap symposium** Moderator: Hermann Haller

**Topic 1: Albuminuria as a risk factor and a tool to assess target organ damage**

**Topic 2: Results of the road map study: Implications for the prevention of diabetic renal disease**

Speaker: Giancarlo Viberti

Speaker: Eberhard Ritz

Speaker: Luis M. Ruilope

Speaker: Ton Rabelink

**Panel discussion**



**Saturday, February 27, 2010**

**Session 5: Early detection and prevention of cardiometabolic disease**

**14:00-16:00**

**Genetic polymorphisms of innate immunity-related inflammatory pathways in type 2 diabetes mellitus: biomarkers of early detection and prevention**

Speaker: Alaa Badawi

**Echo particle image velocimetry (Echo PIV): A novel ultrasound-based method for the in vivo measurement of wall shear stress in human carotid arteries**

Speaker: Phillip Gates

**Biomarkers and imaging for drug development, diagnosis and treatment of diseases**

Speaker: Oliver Steinbach

**Vitamin D for prevention of cardiometabolic disease**

Speaker: Anastassios G. Pittas

**The unstable carotid artery plaque**

Speaker: David Russell

**Session 6: Early detection and prevention of disease – role of genomics**

**16:00-17:00**

**The next generation genome sequencing revolution**

Speaker: Doron Lancet

**Topic: to be announced**

Speaker: Johan den Dunnen

**Session 7: Early detection and prevention of disease in pediatric populations**

**17:00-18:00**

**Prevention of renal disease in adults by targeting pregnancy and childhood**

Speaker: Guido Filler

**Early cardiac alterations due to high blood pressure in children**

Speaker: Reinhard G. Ketelhut

**Early atherosclerosis in childhood onset diabetes**

Speaker: Knut Dahl Jorgensen



**Sunday, February 28, 2010**

**Session 8: Health policy issues relating to early disease detection and prevention**

**09:00-13:00**

**Impact of early disease detection and prevention on health care – The physician's view**

Speaker: To be announced

**Impact of early disease detection and prevention on health economics – The insurer's view**

Speaker: To be announced

**Free communications**

**Budget impact analysis of an intervention aiming to prevent hypertension development in prehypertensive individuals: A health economic evaluation based on the TROPHY study data**

Speaker: Marcus Baumann

**Prevention of cardio-metabolic diseases in general practice**

Speaker: Mark Nielen

**Ethical issues underlying the high-tech medical check-ups**

Speaker: Li Yin-Ming

**Why early screening for CVD risk stratification with a more accurate risk score method must be mandated by those who care about our health**

Speaker: Mahfouz El Shahawy

**Early disease detection and prevention – the view of professional societies**

Speaker: John Davis (NKF and KDPN)

**Early disease detection and prevention – the view of the industry**

Speaker: To be announced

**Early disease detection and prevention – the view of the government**

Speaker: Gabriel I. Barbash

**Closing of the conference**

**13:00-13:15**

**\*\* Please note this program is not final and subject to future changes**