

June 22, 2014

-Day 1-

08:00 - 08:15 Welcome: Board of directors (Prof. Serruys, Prof. Stone, Prof. van der Steen, Prof. Koenig, Prof. Lerman, Dr. Garcia-Garcia and Dr. van Es)

08:15 - 09:30 Opening lectures: Patrick W. Serruys and Gregg Stone

08:15 - 08:30 Humoral immunity in atherosclerosis - from mechanisms to biomarkers

Dorian O Haskard (UK)

08:30 - 08:45 Assessing NON invasively coronary anatomy and physiology information
- finding the vulnerable patient

Carlos Rochitte (BR)

08:45 - 09:00 Assessing invasively coronary anatomy and physiology information - finding the vulnerable plaque

Fernando Alfonso (SPA)

09:00 - 09:15 Are imaging endpoints appropriate replacement of hard endpoints clinical trials?

Jagat Narula (USA)

09:15 - 09:30 Why did the secretory phospholipase A2 inhibitors failed?

Robert Rosenson (USA)

09:30 - 10:00 Discussion

10:00 - 12:00 Basic science session: Renu Virmani / Jagat Narula

10:00 - 10:10 *Monoclonal antibodies against ox-LDL*

Dorian O Haskard (UK)

10:10 - 10:12 Q&A

10:12 - 10:22 Macrophage differentiation prevents foam cell formation in atherosclerotic plaques

Renu Virmani (USA)

10:22 - 10:25 Q&A

10:25 - 10:35 Reversal of plaque hypoxia reduces its necrotic core size

Mat Daemen (NL)

10:35 - 10:37 Q&A

10:37 - 10:47 Fractional flow reserve and inflammatory markers

Imo Hoefer (NL)

10:47 - 10:49 Q&A

10:49 - 10:59 Targeting of mannose receptors in atherosclerosis?

Jagat Narula (USA)

10:59 - 11:01 Q&A

11:01 - 11:11 The mitochondria as a therapeutic target in ischemia

Lilach Lerman (USA)

11:11 - 11:13 Q&A

11:13 - 11:43 Discussion

11:43 - 12:20 Coffee break

June 22, 2014

-Day 1-

12:20 - 13:30 Biomechanics session: Peter Stone and Ton van der Steen

- 12:20 - 12:30 Shear stress and atherosclerosis
Jolanda Wentzel (NL)
- 12:30 - 12:32 Q&A
- 12:32 - 12:42 Mechanics of the coronary plaque
Frank Gijsen (NL)
- 12:42 - 12:44 Q&A
- 12:44 - 12:54 The Prediction trial: subgroup analysis
Peter Stone (USA)
- 12:54 - 12:56 Q&A
- 12:56 - 13:30 Discussion

13:30 - 15:18 Lunch break

15:18 - 17:00 Identifying the vulnerable patient assessing: Amir Lerman and Gregg Stone

- 15:18 - 15:28 Cardiac CT Angiography to Predict Future Acute Coronary Syndromes
Mat Daemen (NL)
- 15:28 - 15:30 Q&A
- 15:30 - 15:40 Developments in non-invasive coronary plaque imaging: MRI
Carlos Rochitte (BR)
- 15:40 - 15:42 Q&A
- 15:42 - 15:52 Do plaques enlarge before resulting in an event?
Jagat Narula (USA)
- 15:52 - 15:54 Q&A
- 15:54 - 16:04 Imaging of early coronary atherosclerosis
Amir Lerman (USA)
- 16:04 - 16:06 Q&A
- 16:06 - 16:16 Mendelian randomization
David Swerdlow (UK)
- 16:16 - 16:18 Q&A
- 16:18 - 16:28 Conventional and novel biomarkers: overview
Domique de Kleijn (Sing)
- 16:28 - 16:30 Q&A
- 16:30 - 17:00 Discussion

June 23, 2014

-Day 2-

08:00 - 09:30 Invasive imaging 1: Ton van der Steen and Hector Garcia

08:00 - 08:10 Photoacoustics

Ton van der Steen (NL)

08:10 - 08:12 Q&A

08:12 - 08:22 Intravascular imaging in animal studies: what are the surrogates that we could image

Robert Wilensky (USA)

08:22 - 08:24 Q&A

08:24 - 08:34 Micro-OCT tissue characterization

Gary Tearney (USA)

08:34 - 08:36 Q&A

08:36 - 08:46 Tissue vessel characterization – lipid and collagen detection

Jim Goldstein (USA)

08:46 - 08:48 Q&A

08:48 - 08:58 High Frequency IVUS – 50 MHz

Tom Moore (USA)

08:58 - 09:00 Q&A

09:00 - 09:10 Validation of virtual histology in human coronary arteries

Salvatore Brugaletta (SPA)

09:10 - 09:30 Discussion

09:30 - 10:50 Invasive Imaging 2: Patrick W. Serruys and Fernando Alfonso

09:30 - 09:40 High speed OCT

Gijs van Soest (NL)

09:40 - 09:42 Q&A

09:42 - 09:52 OCT imaging of the VP lesions beyond the culprit lesion

Evelyn Regar (NL)

09:52 - 09:54 Q&A

09:54 - 10:04 OCT-Based Diagnosis and Management of STEMI Associated With Intact Fibrous Cap

Francesco Prati (It)

10:04 - 10:06 Q&A

10:06 - 10:16 2-D and 3-D OCT for assessment of thrombus: insights from TROFI study

Hector Garcia (NL)

10:16 - 10:18 Q&A

10:18 - 10:50 Discussion

10:50 - 11:10 Coffee break

June 23, 2014

-Day 2-

11:10 - 12:50 "Future Therapeutic Options for Targeting Atherosclerosis" – Wolfgang Koenig and Hector Garcia

11:10 - 11:20 Testing the inflammation hypothesis: The CANTOS Study (IL-1 β AB)
Wolfgang Koenig (GER)

11:20 - 11:22 Q&A

11:22 - 11:32 Biotechnology is coming to the CV field: a near future perspective
Giovanni Sperti(ITA)

11:32 - 11:34 Q&A

11:34 - 11:44 iPCSK9: The RNA interference approach
David Kallend (CH)

11:44 - 11:46 Q&A

11:46 - 11:56 The HDL hypothesis under question: Basic science and related clinical studies
Eric Stroes (NL)

11:56 - 11:58 Q&A

11:58 - 12:08 MDCO-216: The return of Apo-A1 Milano
David Kallend (CH)

12:08 - 12:10 Q&A

12:10 - 12:20 Phase II and III pending clinical trial data with phospholipase A2 inhibitors
Robert Rosenson (USA)

12:20 - 12:22 Q&A

12:22 - 12:50 Discussion

12:50 - 14:50 Lunch

14:50 - 16:10 PROSPECT II: Fernando Alfonso and Jagat Narula

14:50 - 15:00 Bioabsorbable scaffolds technology, bench testing and animal results: is it a good alternative for local passivation

Richard Rapoza (USA)

15:00 - 15:10 Bioabsorbable scaffolds – clinical experience

Michael Maeng (DEN)

15:10 - 15:25 ATHEROREMO IVUS and NIRS natural history study and recapping of the cap concept

Patrick W. Serruys (NL)

15:25 - 15:40 PROSPECT II study design

Gregg Stone (USA)

15:40 - 16:10 Q&A

16:10 - 16:30 Coffee break

16:30 - 17:42 Clinical Trials in atherosclerosis: John Ambrose and Gregg Stone

16:30 - 16:40 SELECT-ACS, MODIFY, CAIN-3 and CHI-SQUARE studies

Philippe L'Allier (CAN)

16:40 – 16:42 Q&A

16:42 - 16:52 Near-infrared Spectroscopic Findings in STEMI and Other Coronary Syndromes

Jim Muller (USA)

16:52 - 16:54 Q&A

16:54 - 17:04 YELLOW and VERDICT studies

Akiko Maehara (USA)

17:04 - 17:06 Q&A

17:06 - 17:30 Discussion

17:30 - 17:40 VP assessment in the future

John Ambrose (USA)

17:40 – 17:42 Q&A

17:42 - 18:00 Closing remarks: Patrick W. Serruys, Amir Lerman, Wolfgang Koenig and Gregg Stone, Gerrit-Anne van Es, Ton van der Steen and Hector Garcia