



EACPT 2014 Scientific program

Thursday, July 03, 2014

Registration

07:30 – 08:30

Entrance

Social Event: Opening

08:30 – 08:50

Hippocrates hall

08:30 Word of Welcome by EACPT president Gonzalo Calvo Rojas and Chair of Focus meeting Gerard Rongen


Plenary: Detection of vascular damage

08:50 - 10:30

Hippocrates hall

Chair: Stéphane Laurent (France)

Chair: Luc Van Bortel (Belgium)

08:50 **Invited speaker, Dutch Heart Foundation lecture**  **Hartstichting**
ARTERIAL STIFFNESS MEASUREMENTS; METHODS AND RELEVANCE FOR RISK ASSESSMENT AND DRUG-RESEARCH
Stéphane Laurent (France)

09:20 **Invited speaker**
IMT MEASUREMENT WITH ULTRASOUND, METHODS AND RELEVANCE FOR RISK ASSESSMENT AND DRUG RESEARCH
Luc Van Bortel (Belgium)

09:50 **NONINVASIVE COMPOUND ULTRASOUND ELASTOGRAPHY FOR DETECTION OF LIPID-RICH VULNERABLE PLAQUES IN CAROTID ARTERIES: FROM IDEA TO CLINIC**
H.H.G. Hansen, C.L. De Korte (Netherlands)

10:10 **APPLANATION TONOMETRY IS A NOVEL TECHNIQUE FOR THE NONINVASIVE ASSESSMENT OF CAROTID-FEMORAL PULSE WAVE VELOCITY AS A MEASURE OF ARTERIAL STIFFNESS IN MICE**
A. Leloup, P. Fransen, C.E. Van Hove, M. Demolder, G.W. De Keulenaer, D.M. Schrijvers (Belgium)

Coffee/tea break

10:30 – 10:50

Restaurant



Plenary: Rational use of anti-coagulants

10:50 – 12:00

Hippocrates hall

Chair: Edith Klappe (Netherlands)
Chair: Gerard Rongen (Netherlands)

10:50

Invited speaker
IMPORTANCE OF GENETIC VARIANTS IN DOSING OF COUMARINS
Anke-Hilse Maitland-van der Zee (Netherlands)

11:20

REGIONAL COLLABORATION FOR THE SAFE INTRODUCTION OF DOAC'S
E. Klappe, K. Kramers, Regional DOAC-Committee Nijmegen (Netherlands)

11:40

GENETIC POLYMORPHISMS IN CLOPIDOGREL AND ACENOCOUMAROL-RELATED GENES AND THEIR FREQUENCIES IN SOUTH-EASTERN EUROPEAN POPULATION
D. Pendicheva, R. Tzveova, A. Dimitrova-Karamfilova, G. Naydenova, P. Atanasov, A. Mitkova, G. Nachev, V. Mitev, R. Kaneva (Bulgaria)

Lunch

12:00 - 13:00

Restaurant

Lunch presentation

12:10 – 12:55

Hippocrates hall

Chair: Annelies van Ravestijn (Netherlands)
Lunch presentation about formation of European consortia in Clinical Pharmacology (Organized by Grants and Funding team Technology Transfer office Radboudumc)

Plenary: Metabolic Syndrome, microbioma and adipocytes

13:00 - 15:10

Hippocrates hall

Chair: Max Nieuwdorp (Netherlands)
Chair: Rinke Stienstra (Netherlands)

13:00

Invited speaker
THE MICROBIOMA IN THE PATHOGENESIS OF METABOLIC SYNDROME
Max Nieuwdorp (Netherlands)

13:30

Invited speaker
FAT CELLS AND INFLAMMATION IN THE PATHOGENESIS OF THE METABOLIC SYNDROME
Rinke Stienstra (Netherlands)

14:00

Invited speaker
MODULATION OF DRUG ACTION BY THE HUMAN GUT MICROBIOMA. AN OVERVIEW
Gerard Rongen (Netherlands)

14:30

GLUCOMANNAN PLUS SPIRULINA ENRICHED SQUID SURIMI PREVENTS AMPK INHIBITION ON ZUCKER FA/FA RATS FED HYPERLIPEMIC DIETS
M. Vázquez-Velasco, L. González-Torres, J. Benedí, S. Bastida, F.J. Sánchez-Muniz, J. Keijer, E.M. Van Schothorst (Spain)

14:50

EFFECTS OF NON-CONTROLLED DIABETES ON LOW-DENSITY LIPOPROTEIN LEVELS OF ATHEROSCLEROTIC PATIENTS ON AND OFF STATIN THERAPY: A PRELIMINARY STUDY
I. Duman, O. Arun, H. Akbayrak, S. Yildirim, H. Vatanssev, B. Oc, M. Oc (Turkey)



Coffee/tea break

15:10 - 15:30

Restaurant

Plenary: Rational cardiovascular pharmacotherapy across Europe

15:30 - 17:10

Hippocrates hall

Chair: Kees Kramers (Netherlands)

Chair: Gonzalo Calvo (Spain)

15:30

ANTIHYPERTENSIVE DRUG UTILIZATION IN ELDERLY OUTPATIENTS IN SERBIA

A. Tomas, O. Horvat, M. Ban, Z. Tomic, A. Sabo (Serbia)

15:50

EFFECTS OF SAFETY-RELATED ALERTS ON ALISKIREN USE TRENDS: AN OBSERVATIONAL STUDY FROM PORTUGAL

A. Teixeira Rodrigues, T. Silva, F. Roque, A. Figueiras, M.T. Herdeiro (Portugal)

16:10

ANALYSIS OF DRUG THERAPY IN PATIENTS WITH ACUTE CORONARY SYNDROME 6 AND 12 MONTHS AFTER DISCHARGE FROM HOSPITAL

G. Smagulova, N. Seytmaganbetova, N. Kulmyrzaeva, G. Veklenko, B. Zholdin, L. Zhamalieva (Kazakhstan)

16:30

COST CONSCIOUSNESS AND KNOWLEDGE OF CARDIOVASCULAR DRUGS AMONG STUDENTS AND PHYSICIANS

T. Schutte, J. Tichelaar, B. Bilgi, M.C. Richir, T.P.G.M. De Vries, M.A. Van Agtmael (Netherlands)

EACPT networking dinner

17:00 - 20:00

Restaurant



Friday, July 04, 2014

Plenary: Atherosclerosis and inflammation: new targets for drug therapy

08:30 - 09:30

Hippocrates hall

Chair: Esther Lutgens (Netherlands)

Chair: Niels Riksen (Netherlands)

08:30 **Invited speaker**

TARGETING THE ADAPTIVE IMMUNE SYSTEM IN ATHEROSCLEROSIS

Esther Lutgens (Netherlands)

09:00 **Invited speaker**

TRAINED IMMUNITY IN THE PATHOGENESIS OF ATHEROSCLEROSIS

Niels Riksen (Netherlands)

09:30 **LIPOPROTEIN(A) INDUCES CELLULAR AND ARTERIAL WALL INFLAMMATION IN HUMANS**

FM van der Valk [S. Bekkering](#)

Workshop: Vascular Ultrasound (coffee/tea break: 10:50-11.00)

09:00 - 12:00

Noyons A, Noyons B

Chair: Joost Rutten, Internist, Vascular Medicine (Nijmegen, Netherlands)

In collaboration with Esaote Benelux and AtCor Medical Instructors: t.b.a.

During this hands-on course the participants will be taught the basics of the assessment of the carotid artery by ultrasound and the measurement of arterial stiffness by applanation tonometry of the carotid, femoral and radial artery. The course is arranged that participants are instructed in groups of three to four participants which will make it able to interact easily with the instructors and will provide the opportunity for participants to perform measurements themselves. The general introduction on the measurement of intima media thickness and arterial stiffness is given during the plenary program of the Focus Meeting. In the morning the participants will be instructed in the measurement of pulse wave velocity and pulse wave analysis. The programme will start with a short introduction on the technical details of the equipment and the conditions which have to be taken in to account considering the subject and the examiner. During the afternoon the participants will be instructed in the measurement of intima media thickness, carotid distensibility and the basics of ultrasound of the carotid artery (plaque screening). Live models are used for a realistic training experience. Background information on intima media thickness and vascular stiffness measurement is provided during the course.



Poster Session: Poster Presentations (with coffee/tea)

10:00 - 11:30

Restaurant

Board N° **The main opportunity for poster viewing and discussion is during the breaks each day. You are requested to stand by your poster to answer questions during the breaks and on Friday, July 4th from 10:10- 11:30 h**

Atherosclerosis

- 01 **TRAINED INNATE IMMUNITY AND ATHEROSCLEROSIS**
S. Bekkering, J. Quintin, L.A.B. Joosten, J.W.M. Van der Meer, M.G. Netea, N.P. Riksen (Netherlands)
- 02 **PLATELET AND ENDOTHELIUM DYSFUNCTION AGAINST THE BACKGROUND OF METABOLIC DISORDERS IN CHILDREN WITH CHRONIC LUNG DISEASES**
O. Gordeeva, Y. Gorinova, O. Simonova, N. Kashirskaya, V. Botvinyeva (Russia)
- 03 **MILD COGNITIVE DISORDERS OF VASCULAR GENESIS: DIAGNOSTICS AND PHARMACOTHERAPEUTIC OPPORTUNITIES**
J. Isakova, V.V. Popov, O.A. Ozhogina, V.V. Serikov, M.A. Domashenko (Russia)

Cardiovascular Pharmacology: Other

- 04 **THE EFFECTS OF PROPOFOL AND SEVOFLURANE ON ISOLATED HUMAN UMBILICAL ARTERIES PRE-CONTRACTED WITH DOPAMINE, ADRENALINE AND NORADRENALINE**
E. Gunduz, O. Arun, S.T. Bagci, B. Oc, A. Salman, S.A. Yilmaz, C. Celik, A. Duman (Turkey)
- 05 **THE CONSUMPTION OF ORAL ANTIDIABETICS IN SERBIA**
O. Horvat, J. Poprzen, S. Vukmirovic, Z. Tomic, A. Sabo (Serbia)
- 06 **EFFECT OF COMBINATION OF NAD AND INOSINE CONTAINING DRUG ON HEMODYNAMIC INDICES, BAROREFLEX SENSITIVITY, SYMPATHETIC NERVE ACTIVITY AND ENDOTHELIN-1 PRODUCTION IN NITRATE TOLERANCE RATS**
S. Jibuti, N. N.V. Gongadze, T. T.D. Kezeli, G. G.V. Sukoyan, Z. Z.V. Chapichadze, N. N.M. Dolidze, S. Sh.M. Jibuti, M. M.G. Mirziashvili, M. M.K. Chipashvili (Georgia)
- 07 **THE ROLE OF BENZODIAZEPINES IN TORSADES DE POINTES AND SUDDEN DEATH IN PATIENTS ON LOW METHADONE DOSES DURING METHADONE MAINTENANCE TREATMENT**
V. Mijatovic, S. Petkovic, I. Samojlik, A. Uvelin, A. Dickov, T. Popov, J. Pejakovic (Serbia)
- 08 **NICORANDIL AND GASTROINTESTINAL SIDE-EFFECTS: A SYSTEMATIC REVIEW**
U. Pisano, J. Deosaran, A. Watson, G. Rushworth (United Kingdom)
- 09 **OF POLYMORPHIC GENE MARKERS IN RUSSIAN POPULATION SLCO1B1**
A. Sirotkina, A. Khokhlov, E. Voronina, I. Dryazhenkova, I. Mogutova (Russia)

Hypercholesterolemie

- 10 **A XENOBIOTIC INDUCED HEPATOTOXICITY AND AN INFLUENCE OF HLA TYPISATION**
M. Zunic; D. Zunic; and R. Jesic (Slovenia)
- 11 **COMPARISON BETWEEN THE PLANT STEROLS CONTENT OF OLIVE OIL AND NIGELLA OIL SOLD IN LIBYAN LOCAL MARKET**
M. Agnan, A. Mohamed agnan (Libya)



- 12 **ANALISE OF CONSUMPTION OF SERUM LIPID-REDUCING DRUGS IN SERBIA, NORWAY AND FINLAND IN 2011 AND 2012 YEAR**

D. Krsmanovic, Z. Tomic, D. Milijasevic, N. Tomic, B. Milijasevic (Serbia)

Hypertension

- 13 **ANTIHYPERTENSIVE DRUGS CONSUMPTION TRENDS: AN OBSERVATIONAL STUDY FROM PORTUGAL**

A. Teixeira Rodrigues, T. Silva, F. Roque, M.T. Herdeiro, A. Figueiras (Portugal)

Ischemia-Reperfusion Injury

- 14 **THE EXPERIMENTAL MODEL OF CHOICE FOR TESTING NEW PHARMACOLOGICAL AGENTS AIMED AT PREVENTING SECONDARY STROKE DEVELOPMENT**

N. Mitagvaria, N.I.N.O. Jojua, N. Gongadze, G.E.L.A. Azikuri (Georgia)

Microbioma and Drug Development

- 15 **THE EFFECT OF THE INSECTICIDE CHLORPYRIFOS(DURSBAN) ON IMMUNE-PROTEINS IN MICE**

A. Jalalizand, H. Salehi, M. Modaresi (Iran)

Lunch

12:00 - 13:00

Restaurant

Lunch workshop: How to publish in Clinical Therapeutics

12:10 – 12:55

Hippocrates hall

Chair: Richard Shader (USA)

Editor Clinical Therapeutics




Plenary: Hyperaldosteronism: causes and consequences

13:15 - 15:35

Hippocrates hall

Chair: Felix Beuschlein (Germany)

Chair: Jaap Deinum (Netherlands)

13:15 **Invited speaker, Dutch Heart Foundation lecture**  **THE PATHOGENESIS OF AUTONOMOUS ADRENAL ALDOSTERONE RELEASE**
Felix Beuschlein (Germany)

13:45 **Invited speaker**
DIAGNOSIS AND TREATMENT OF HYPERALDOSTERONISM
Jaap Deinum (Netherlands)

14:15 **HYPERFILTRATION IS ASSOCIATED WITH IMPAIRED RENAL FUNCTION AFTER TREATMENT OF PRIMARY ALDOSTERONISM**
B.J. Kramers, C. Kramers, J.W.M. Lenders, J. Deinum (Netherlands)

14:35 **EARLY RISE IN ALDOSTERON IS CORRELATED WITH INCREASE IN BLOOD PRESSURE IN SUNITINIB TREATED PATIENTS WITH METASTATIC RENAL CELL CARCINOMA**
A. Thijs, C. Van Herpen, W.T.A. Van der Graaf, G.A. Rongen (Netherlands)

14:55 **THE EFFECT OF EPLERENONE ON ADENOSINE FORMATION IN HUMANS IN VIVO: A DOUBLE-BLINDED RANDOMIZED CONTROLLED STUDY**
T.N.A. Van den Berg, J. Deinum, A. Bilos, G.A. Rongen, N.P. Riksen (Netherlands)

Coffee/tea break

15:15 - 15:45

Restaurant

Workshop: Vascular Ultrasound

13:00 - 17:00 (coffee/tea break: 14:50-15:00)

Noyons A, Noyons B

Chair: Joost Rutten, Internist, Vascular Medicine (Netherlands)

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Plenary: Herbal therapies and nutritional pharmacology

15:45 - 16:45

Hippocrates hall

- Chair: Tabassome Simon (France)
Chair: Gerard Rongen (Netherlands)
- 15:45 **EFFECTS OF CAFFEIC ACID PHENETHYL ESTER ON ISOLATED HUMAN UMBILICAL ARTERIES PRECONTRACTED WITH ENDOTHELIN AND PROSTAGLANDIN F2ALPHA**
I. Duman, B.C. Soner, S.Y. Inan, A.S. Sahin (Turkey)
- 16:05 **SALVIA MILTIORRHIZA WATER-EXTRACT (DANSHEN) HAS NO BENEFICIAL EFFECT ON CARDIOVASCULAR RISK FACTORS.**
P.C.M. Van Poppel, P. Breedveld, E. Abbink, H. Schaap-Roelofs, W. Van Heerde, P. Smits, W. Lin, H.H. Tan, F.G. Russel, R. Donders, C.J. Tack, G.A. Rongen (Netherlands)
- 16:25 **EFFECT OF MARSHMALLOW ROOT EXTRACT ON CONCENTRATION OF BLOOD PROTEINS IN MICE**
M. Modaresi, A. Rejali (Iran)



Saturday, July 05, 2014

Plenary: Ischemia-reperfusion injury: conditioning in the clinic?

09:00 – 13:00

Hippocrates hall

Chair: Derek J. Hausenloy (United Kingdom)

Chair: Coert Zuurbier (Netherlands)

09:00

Invited speaker, Dutch Heart Foundation lecture



Cardiac protection by conditioning: from bench to bedside

Derek J. Hausenloy (United Kingdom)

09:30

Invited speaker

The role of Hexokinase in cardioprotection

Coert Zuurbier (Netherlands)

10:00

SUNITINIB DOES NOT ATTENUATE CONTRACTILE FORCE AT THERAPEUTIC CONCENTRATIONS FOLLOWING A PERIOD OF ISCHEMIA IN ISOLATED HUMAN CARDIAC MUSCLE.

A.M. Thijs, A. Vos, A. Wouterse, S. El Messaoudi, H. Van Swieten, V. Verweij, C.M. Herpen, W.T.A. Van der Graaf, L. Noyez, G.A. Rongen (Netherlands)

10:20

DIPYRIDAMOLE DOES NOT LIMIT MYOCARDIAL ISCHEMIA-REPERFUSION INJURY. A DOUBLE-BLIND RANDOMIZED PLACEBO-CONTROLLED TRIAL IN PATIENTS UNDERGOING ELECTIVE CORONARY ARTERY BYPASS SURGERY.

S. El Messaoudi, C.W. Wouters, H.A. Van Swieten, P. Pickkers, L. Noyez, P.C. Kievit, E.J. Abbink-Zandbergen, A. Rasing-Hoogveld, M.P. Bouw, J.G.P. Peters, M.J.H. Coenen, A.R.T. Donders, N.P. Riksen, G.A. Rongen (Netherlands)

Coffee/tea break

10:40 – 11:00

Restaurant

11:00

TAT-HKII INDUCED REDUCTION IN MITOCHONDRIAL BOUND HEXOKINASE II INCREASES ISCHEMIA REPERFUSION INJURY BY INCREASED RESPIRATION AND INCREASED ROS LEVELS

R. Nederlof, E. Gürel, C. Xie, O. Eerbeek, A. Koeman, M.W. Hollmann, R. Southworth, F.G. Akar, E.G. Mik, C.J. Zuurbier (Netherlands)

11:20

NANOTECHNOLOGY-BASED STEM CELL MYOCARDIAL REGENERATION

J. S. Peñataro, M. Ezzeldin-Sharaf, G. Calvo-Rojas (Spain)

11:40

THE BENEFICIAL EFFECT OF ULTRASONIC MICROBUBBLE TRANSFECTION ON AGED ENDOTHELIAL PROGENITOR CELLS

C.H. Su, C.Y. Chang, H.I. Lee, H.I. Yeh (Taiwan) **Poster**

12:00

Closing remarks



Workshop: Vascular Ultrasound

09:00 - 12:00 (coffee/tea break: 10:50-11.00)

Noyons A, Noyons B

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Lunch

12:00 - 13:00

Restaurant

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