

# EuroPrevent 2009

The European Meeting Place for Science in Preventive Cardiology

FINAL PROGRAMME



**Stockholm**

**Sweden**

**6-9 May 2009**

**Live a Heart Healthy Life**

[www.escardio.org/EuroPrevent](http://www.escardio.org/EuroPrevent)

• No use of tobacco • Adequate physical activity • Healthy eating habits • Not overweight • Low Blood pressure • Low Blood cholesterol • Normal glucose metabolism • Avoidance of excessive stress



# Europrevent Fun Run Route

## Two laps – 5 km



## Fun Run

Start your day by joining your fellow colleagues with the EuroPREvent 2009 Fun Run, a 5Km jog from the congress centre and back on **Friday, 8 May**.

The warm up will commence at 06:45 sharp and will be followed by the Fun Run at 07:00. The run will depart from the Stockholmsmässan and a nominal fee of 110 SEK (10€) will be charged for enrolment. Trophies will be awarded to the first three winners.

To enrol for your place on the official EuroPREvent 2009 Fun Run, simply visit the Fun Run desk, located in the Registration Area where you can collect your T-shirt and Fun Run registration number.



# Venue Floor Plan



↑  
MAIN  
ENTRANCE

RIKA  
TALK HOTEL



# Programme at a Glance

## Wednesday 6 May 2009

<b>13:00 - 15:00</b> Examples of prevention in practice	T1/T2
<b>15:20 - 16:30</b> Building the national alliance	T1/T2
<b>16:30 - 17:15</b> Panel debate with leading politicians and health decision makers	T1/T2
<b>18:00 - 20:00</b> Opening Ceremony and Cocktail	Stockholm City Hall

## Thursday 7 May 2009

<b>08:30 - 10:00</b> Living a heart-healthy life: the European Heart Health Charter revisited	Main Session	T1/T2
<b>10:00 - 11:00</b> Moderated Posters - Epidemiology & Public health	Healthy Break	Poster Area
<b>11:00 - 12:30</b> Changing eating habits - the global experiment	State of the art session	T1/T2
<b>12:45 - 13:45</b> Evolving management of cardiovascular risks: your contribution counts	Satellite Session	C7
<b>12:45 - 13:55</b> The metabolic syndrome - A health threat of our time	Workshop Session	T1/T2
<b>14:00 - 15:30</b> Lipids - can't live with them, can't live without them	Symposium	C8
<b>15:30 - 16:30</b> Diabetes - old genes in a new environment	State of the art session	C7
<b>16:30 - 18:00</b> Prevention in practice I	Healthy Break	C6
<b>18:15 - 19:45</b> Population versus individuals: the right to practice medicine	Workshop session	C7

## Friday 8 May 2009

<b>08:30 - 10:00</b> Its not risk factors stupid, its society!	Main Session	T1/T2
<b>08:30 - 10:00</b> Cardiac fatigue in overtraining syndrome: Myth or Reality?	Symposium	C8
<b>10:00 - 11:00</b> Moderated Posters - Cardiac rehabilitation / Sports cardiology	Healthy Break	Poster Area
<b>11:00 - 12:30</b> Risk factors: from population to PCI	Oral Abstract Session	T1/T2
<b>12:45 - 13:45</b> Exercise training in coronary artery disease: what is good for whom	Meet the Experts	C8
<b>14:00 - 15:30</b> Cases in sports cardiology	Meet the Experts	T1/T2
<b>15:30 - 16:30</b> Diastolic dysfunction: prevention and treatment through physical exercise	Main Session	C8
<b>16:30 - 18:00</b> Prevention in practice II	Debate	C6
<b>18:15 - 19:45</b> Prevention versus individuals: the right to practice medicine	Workshop session	C7

## Saturday 9 May 2009

<b>08:30 - 10:00</b> The perils of the physical environment	Main Session	T1/T2
<b>10:00 - 11:00</b> Novel frontiers in cardiovascular prevention	Symposium	C8
<b>11:00 - 12:30</b> Exercise testing in chronic heart failure. How to treat exercise	State of the art session	C7
<b>12:45 - 13:45</b> Open lunch meetings of the six EACPR sections: ongoing science projects	Oral Abstract Session	T1/T2
<b>14:00 - 15:30</b> Beyond the initial wave of genome wide association studies	Main Session	T1/T2
<b>15:45 - 16:15</b> EuroPrevent 2009 - Closing ceremony	Symposium	C8

- Basic science
- Epidemiology & public health
- Sports cardiology
- Cardiac rehabilitation
- Prevention and health policy
- Exercise physiology
- Satellite & Workshop session
- Special session
- Poster session

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# Welcome Address

Welcome to EuroPREvent 2009, the European Meeting Place for Science in Preventive Cardiology. This congress marks the end of a five-year period of political activity at the highest European Union level, starting off with the first initiative under the Irish presidency in 2004 and culminating with the presentation of the European Heart Health Charter at the European Parliament in June 2007.

For the next three and a half days, EuroPREvent 2009 will provide an innovative meeting format for all partners in prevention: scientists, health workers and others active in the field of preventive cardiology.

On Wednesday, pre-congress sessions are offered for family doctors, occupational health physicians, school health staff, nurses, physiotherapists, heart foundations and decision makers.

Thursday is the genuine European prevention forum, where all partners will gather around the eight main themes of the Heart Health Charter for broad State of the Art lectures and for update demonstration projects.

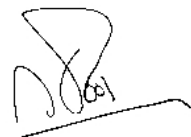
Friday and Saturday are dedicated to in-depth scientific sessions and the presentation of new research. High visibility will be given to the abstract based portion of our scientific programme. The congress includes a Young Investigator Award Session, Prevention in Practice sessions and sessions from our Industry Partners. Among the many novelties, you will find an "ongoing science" session and a Highlight Session at the end of the meeting.

In the Nordic countries visitors appreciate the traditional "Smörgåsbord", a broad variety of delicious small dishes that fits the taste of many, even the most demanding gourmets. EuroPREvent 2009 proves to be a true scientific Smörgåsbord with the 'Venice of the North' offering her spectacular springtime scenery.

Joep Perk



David Wood



## Committees

### **Congress Programme Committee**

Joep Perk, Chairperson

### **EACPR Scientific Committee**

- Andrzej Rynkiewicz, Co-Chair
- Dag Thelle, Co-Chair
- Stephan Gielen, Exercise Physiology
- Sanjay Sharma, Sports Cardiology
- Eva Prescott, Epidemiology & Public Health
- Torben Jorgensen, Prevention & Health Policy
- Julian Halcox, Basic Science
- Josef Niebauer, Cardiac Rehabilitation

### **EACPR Board Member**

David Wood, EACPR President

### **Local Host Committee**

Annika Rosengren  
Birgitta Stegmayr  
Christer Höglund  
Kurt Boman  
Lars Rydén  
Mona Schlyter  
Pelle Johansson  
Per Tornvall  
Åsa Cider  
Roger Höglund

# General Information

## Venue

Stockholmsmässan  
SE-125 80 Stockholm  
Sweden

## Secretariat

EuroPREvent 2009 Secretariat  
European Society of Cardiology  
2035, Route des Colles – Les Templiers – BP 179  
FR-06903 Sophia Antipolis  
France  
Tel: +33 (0) 92 94 86 36 - Fax: +33 (0) 92 94 86 29  
E-mail: [europrevent@escardio.org](mailto:europrevent@escardio.org)  
Website: [www.escardio.org/congresses/EuroPREvent-2009](http://www.escardio.org/congresses/EuroPREvent-2009)

## European Accreditation



EuroPREvent 2009 is accredited by the European Board for Accreditation in Cardiology (EBAC) for **19** hours of External CME credits. Each participant should claim only those hours of credit that have actually been spent in the educational activity. EBAC works according to the quality standards of the European Accreditation Council for Continuing Medical Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS).

If you are a delegate attending from North America, please find information concerning how to validate your European CME credits on the American Medical Association (AMA) website: [www.ama-assn.org](http://www.ama-assn.org)

## Congress Resources

### Abstract CD-Rom

A copy of the EuroPREvent Abstract Book CD-Rom will be available on the EACPR / ESC stand. In order to claim your copy of the CD-Rom, please use the voucher in your delegate bag. The CD-Rom is offered in lieu of the paper version in an attempt to use less paper.

### Catering

Three areas for food and beverages, The News Bar, The Garden and EAT will be open during the congress for participants. A stand selling light catering can be found in the Exhibition Area, located near the posters. In addition, five Healthy Breaks will be offered as part of your registration fee in the Exhibition Area from Thursday to Saturday morning.

### Certificate of Attendance

Certificates of Attendance will be available from any Registration desk as from Saturday, 9 May 2009.

### City Information

For information on Stockholm city and restaurant reservations, please visit the City Information desk at the Registration counter.

### Cloakroom

The Cloakroom will be located near the Main Entrance and the Registration Area.

## Delegate Bag

Each delegate is entitled to a delegate bag to be picked up from a dedicated desk in the Registration Area.

## Internet Corner

The Internet Corner located in the Exhibition Area is free of charge.

## Journal

Participants paying the Standard fee will receive the 2010 subscription to the European Journal of Cardiovascular Prevention and Rehabilitation.

## Speakers' Service Centre

All speakers giving a presentation in the scientific sessions are requested to upload and validate their presentations in the Speakers' Service Centre (SSC) located near the Registration Area, a minimum of 3 hours before the session starts or the day before if the session is at 08:30.



### Green Initiatives during EuroPREvent

## Abstract CD-Rom

The CD-Rom is offered in lieu of the paper version in an attempt to use less paper. This year, the EACPR has decided to offer as many initiatives as possible to reduce waste.

## Final Programme

This year's final programme is made from 100% recycled paper.

## Transportation

The strategic location of the congress centre makes it very easy for exhibitors and visitors alike to reach the Stockholmsmässan by public transport – it's quick, it's convenient and comfortable. Above all, going to Stockholm International Fairs by public transport helps reduce CO2 emissions.

## Waste

The amounts and types of waste generated vary from one event to another. The Stockholmsmässan sorts at source, recycles and reuses as many materials as possible – their sorting at source in 2007, for example, involved 667 tons of combustible materials and 610 tons of wood! Old packaging such as corrugated cardboard can be recycled and converted into new cardboard up to eight times. Materials that can no longer be recycled or reused, not even as heating fuel, are deposited as landfill in an environmentally sound way.

## Food

Mässrestauranger, Stockholm International Fairs' restaurant operator, is among the first in Sweden and the very first restaurant in Stockholm to be awarded the Swan eco-label. Mässrestauranger meets the Swan restaurant tough requirements in all five areas; food and beverages, chemical products and consumables, energy and water, waste and transport, as well as goals and plans for ongoing environmental work.

## Accommodation

Rica Talk Hotel, which opened its doors to its first guests in 2006 next to Stockholm International Fairs' main entrance, has also achieved Swan certification. Proactive sustainability efforts and a long-term plan for reduced environmental impact in the day to day work was included in the pre-planning work for the new hotel, so naturally Rica Talk Hotel uses environmentally adapted fittings and furniture, eco-friendly consumables, eco-labelled cleaning agents and detergents, works systematically to cut energy and water consumption and implements a well-functioning waste management system.

## The Swan

The Swan is the official Nordic eco-labelling system. It evaluates the environmental impact of goods and services over their entire life cycle, from raw material to waste. The Swan system imposes not only strict environmental, but also functional and quality-related criteria. The vision is for a sustainable society with sustainable consumerism. The Nordic eco-label currently covers 67 different groups of goods and services, including criteria for hotels and restaurants.

# Social Events

## Opening Ceremony

The European Association for Cardiovascular Prevention and Rehabilitation is pleased to invite you to attend the Opening Ceremony and Cocktail Reception during EuroPREvent 2009 hosted by the City of Stockholm.

The City Hall of Stockholm is one of the most beautiful and well known buildings in the world and the most exclusive ballroom in Stockholm, frequently used for the yearly Nobel Banquet. The City Hall is known for its hospitality, its unique art treasures, magnificent banquettes and an intriguing history attracting close to 400,000 visitors a year.



Don't miss this opportunity to visit one of the most prestigious buildings in Sweden!

### **Wednesday 6 May 2009**

18:00-20:00 Hrs

Stockholm City Hall

SE-103 21 Stockholm

Coaches will leave from the Congress Centre/Rica Talk Hotel at 17:30 Hrs.

### **Programme**

#### **Welcome Address**

I. Linge (Stockholm, SE)

President of the County Council

#### **Opening of the Congress on behalf of the European Association for Cardiovascular Prevention and Rehabilitation - EACPR**

D.A. Wood (London, GB)

President of the EACPR

## Closing Ceremony

Join us in closing EuroPREvent 2009 from 15:45 to 16:15 on Saturday, 9 May 2009.

Share your 2009 experiences with the main representatives of the European Association of Cardiovascular Prevention and Rehabilitation (EACPR) and have a take home message about the best of cardiovascular prevention.

The Congress Programme Committee will take this opportunity to present you with the future directions of Cardiovascular Prevention and Rehabilitation, will thank all the persons actively involved and will announce this year's winners of the Young Investigators' award and EJCPR Most Cited Author. The Closing Ceremony is the ideal occasion to look towards the future and make note for EuroPREvent 2010 Prague, Czech Republic.

## Excursions

### **Accompanying Persons – Stockholm City Pass**

The Stockholm Card gives you free entry to 75 museums and attractions, free travel by public transport, free sightseeing by boat as well as several other bonus offers. The card will be validated for 24 hours and will not be valid until it is stamped with the time and date the first time you use it. The card is valid once per attraction and entitles you to unlimited travel by metro, bus and commuter train.

One card will be given to each registered accompanying person. The card can be picked up on Wednesday, 6 May in the Registration Area at the Hotel & City Reception desk.

### **Walk for life**

Look out for Hålsans Stig - the highway to health! The concept – Slí na Sláinte - was invented by the Irish Heart Foundation and the paths in Sweden were developed by The Swedish Heart and Lung Association. There are more than one hundred walking paths available to everyone throughout the country. You will find a brief example of a path starting from the commuter train station, Älvsjö, near the Stockholmssmassan. For more information, please visit the the Swedish Heart and Lung Association stand.

# Industry Partners

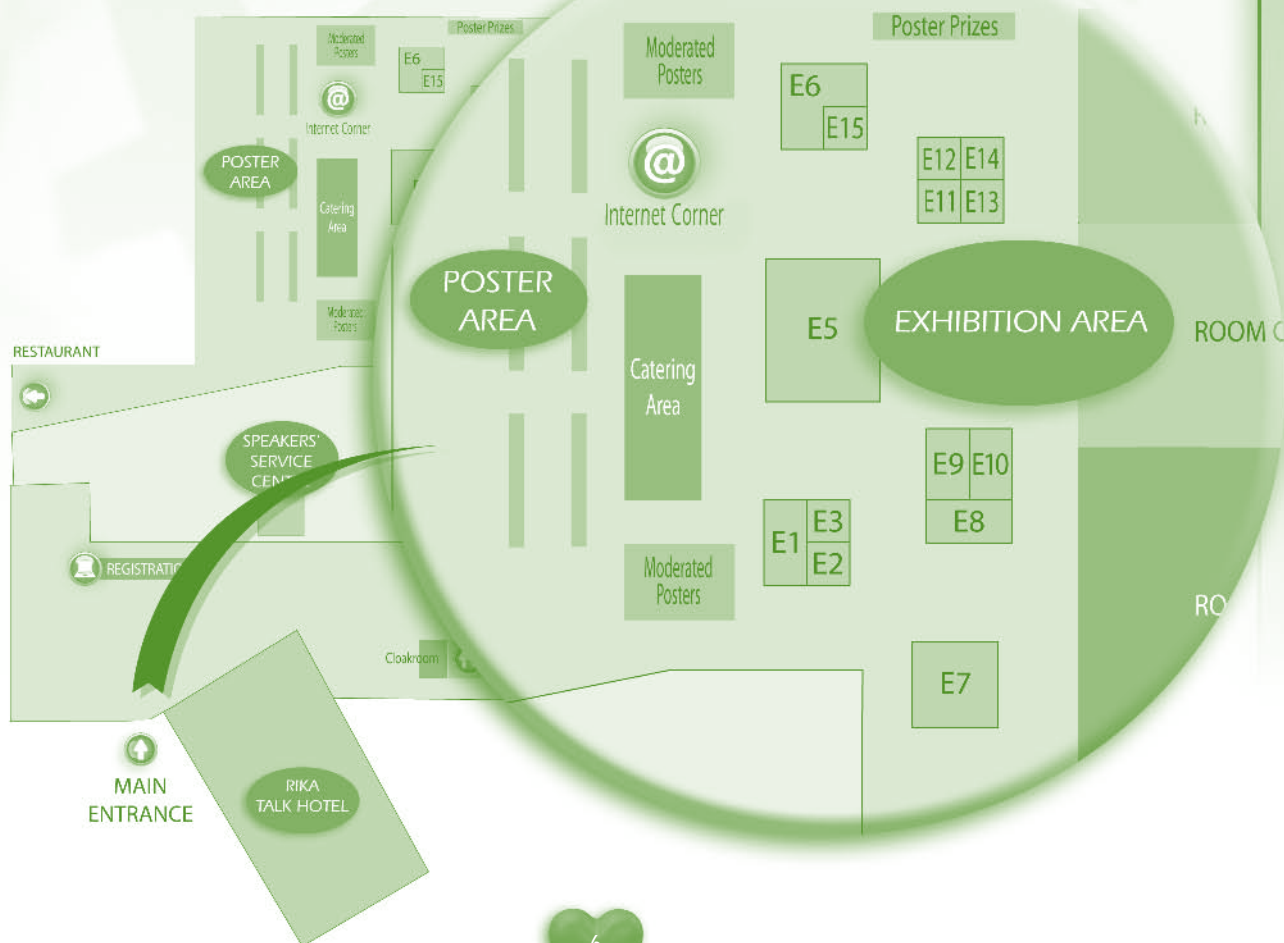
Over the last two decades, EuroPrevent has evolved into the preeminent meeting place for European opinion leaders and physicians in the field of cardiovascular prevention, rehabilitation and sports medicine.

Cardiovascular diseases are still the major cause of morbidity and mortality in Europe.

In times of shrinking healthcare budgets, prevention of cardiovascular diseases has therefore become a top priority of the European Union as indicated by the signing of the European Heart Health Charter in 2007.

The Committee Members wish to express their sincere appreciation to all exhibitors, industry partners and sponsors mentioned below, who have contributed to the success of EuroPrevent 2009 in a variety of ways and initiatives.

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▪ Pfizer.....	E5	Page 8
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▪ Unilever		
▪ Wolters Kluwer Health / Lippincott Williams & Wilkins.....	E11	Page 9



## Apoteket AB, Sweden

S-11881 Stockholm  
Sweden

Tel.: +46 084661972

Email: [marianne.norelius@apoteket.se](mailto:marianne.norelius@apoteket.se)

Web Site: [www.apoteket.se](http://www.apoteket.se)

E9

Apoteket AB is until the 1 of July 2009, a Swedish state owned monopoly company. After that date the market will be opened to other actors. Apoteket runs 880 community pharmacies all over the country that offer prescription drugs, self-care drugs and natural remedies together with a quality controlled range of other health products related to lifestyle, and health. About 100 pharmacies offer today the possibility to have a blood pressure waist and body composition check up, as one way to get control and to promote a healthy heart. This will be demonstrated on the stand. The future carries many new possibilities in this area and Apoteket will be one of the important players.

## ATCOR MEDICAL

Tiefleiten 16  
94139  
Breitenberg  
Germany

Tel.: + 49 8584 1780

Fax.: + 49 8584 1843

Email: [u.kohlmuenzer@atcormedical.com](mailto:u.kohlmuenzer@atcormedical.com)

Web Site: [www.atcormedical.com](http://www.atcormedical.com)

E10

AtCor Medical develops, produces and distributes the SphygmoCor® family of products for non-invasive assessment of the cardiovascular system and autonomic function. SphygmoCor® Px provides non-invasive assessment of central pressure and key parameters characterising arterial function. Aortic Augmentation Index and Central Pulse Pressure are recognized parameters related to cardiovascular risk. SphygmoCor® Vx measures carotid-femoral Pulse Wave Velocity, the gold standard for arterial stiffness. It is a powerful clinical tool for monitoring the arterial physiology changes driving the CV risk in renal patients. SphygmoCor® is used in research and clinical settings in hypertension, nephrology, cardiology, diabetes, pregnancy and others and was used in the recent CAFÉ and Strong Heart studies.

## EUROPEAN SOCIETY OF CARDIOLOGY

2035 Routes des Colles  
Les Templiers, BP 179  
06903 SOPHIA ANTIPOLIS  
France

Tel.: + 33 (0) 4 92 94 76 00

Fax: +33 (0) 4 92 94 86 69

Email: [communications@escardio.org](mailto:communications@escardio.org)

Web Site: [www.escardio.org](http://www.escardio.org)

E8

European Society of Cardiology, The European Society of Cardiology (ESC) represents over 59,000 cardiology professionals from across Europe and the Mediterranean. The ESC comprises 51 National Cardiac Societies, 19 Working Groups, 5 Associations and 5 Councils. It also includes the distinguished community of ESC Fellows and Nurse Fellows. Its mission is «To reduce the burden of cardiovascular disease in Europe». The ESC achieves this through a series of scientific and educational activities and its Annual Congress, the largest medical meeting in Europe, this year from 29 August - 2 September 2009 in Barcelona, Spain.

## Informa Healthcare

E12

PO Box 3255,  
Kungsbrolan 3A  
SE 103 65 Stockholm  
Sweden

Tel.: +46 8 4408040  
Fax: +46 8 4408050

Email: [marketingscandinavia@informa.com](mailto:marketingscandinavia@informa.com)

Web Site: <http://www.informahealthcare.com/>

Our portfolio includes a range of acclaimed cardiology review journals and books, including: Scandinavian Cardiovascular Journal, Blood Pressure, Acute Cardiac Care.

## Medexpert Ltd

E15

Törökkö u. 5-7.  
H-1037 Budapest  
Hungary

Tel.: +361 250 4490  
Fax.: 1 250 3795

Email: [arteriograph@medexpert.hu](mailto:arteriograph@medexpert.hu)

Web Site: [www.arteriograph.org](http://www.arteriograph.org)

Medexpert Ltd celebrating its 20th anniversary in 2009 is the marketer of TensioMed products, Philips Healthcare and Agilent test & measurement devices in Hungary.

Our most important product in the field of prevention is TensioMed™ Arteriograph, developed in Hungary and numerous research centers and clinics have benefit of its use worldwide since 2004. Arteriograph is the only patented device providing complete arterial function assessment simultaneously and non-invasively, in a very easy way. By many other hemodynamical parameters given by the device, Central Systolic Blood Pressure (SBPao), Aorta Pulse Wave Velocity (PWVao) and Augmentation index (Aix) are essential for the cardiovascular risk assessment according to the newest ESH/ESC Guidelines and in order to optimize the therapy management on hypertensives and patients with high cardiovascular risk.

## MSD Sweden

E2

Rotebergsvägen 3  
19207 Sollentuna  
Sweden

Tel.: +46 86261400  
Fax: +46 86268332

Email: [asa\\_jangard@merck.com](mailto:asa_jangard@merck.com)

Merck Sharp & Dohme (Sweden) AB, Janumet, Cozaar, Tredaptive

## Pfizer

E5

Pfizer Ltd.  
Walton Oaks  
Dorking Road  
Tadworth  
KT20 7NT Surrey  
United Kingdom

Tel.: +44 1737330000

Email: [Helen.Bayliss@pfizer.com](mailto:Helen.Bayliss@pfizer.com)

Web Site: [www.pfizer.com](http://www.pfizer.com)

Pfizer's cardiovascular disease portfolio; Caduet (Atorvastatin + Amlodipine), Lipitor (Atorvastatin) and Champix (Varenicline).

## PhysioFlow

Manatec  
44, rue de Laborde  
75008 Paris  
France

Tel.: +33 965032401  
Fax.: +33 130744648  
Email.: [f.bour@physioflow.com](mailto:f.bour@physioflow.com)  
Web Site.: [www.physioflow.com](http://www.physioflow.com)

E13

PhysioFlow is a noninvasive continuous cardiac output measurement system. It is fully validated, including under difficult conditions (maximal exercise, obese or severely ill patients). Its accuracy makes it possible to detect pathologies like coronary artery disease with more sensitivity than conventional techniques and to better manage hypertension, heart failure, and cardiac rehabilitation patients.

## THE SWEDISH HEART-AND LUNG ASSOCIATION

Box 9090  
SE-102 72 Stockholm  
Sweden

Tel.: +46 855606200  
Fax: +46 86682385  
Email: [info@hjärt-lung.se](mailto:info@hjärt-lung.se)

E3

The Swedish Heart and Lung Association is a Non Governmental Organisation that unites people with heart and lung diseases. It is politically and religiously independent association, founded in 1939 and has been governed by its members ever since. The aim of The Swedish Heart and Lung Association is to improve the well-being, treatment, rehabilitation, social security and living conditions of all people suffering from heart and lung diseases and to give support to their relatives.

## Wolters Kluwer Health / Lippincott Williams & Wilkins

250 Waterloo Road  
SE1 8RD  
London  
United Kingdom

Tel.: +44 (0) 207 981 0600  
Fax : +44 (0) 207 981 0559  
Email: [katherine.alexander@wolterskluwer.com](mailto:katherine.alexander@wolterskluwer.com)  
Web Site: [www.lwwonline.com](http://www.lwwonline.com)

E11

Lippincott Williams & Wilkins (LWW) is a leading international publisher of professional health information for physicians, nurses, specialized clinicians and students. LWW provides essential information for healthcare professionals in print and electronic formats, including textbooks, journals, CD-ROM, and via Intranets and the Internet.



# European Association for Cardiovascular Prevention and Rehabilitation (EACPR)

The mission of the European Association for Cardiovascular Prevention and Rehabilitation (EACPR) is **to promote excellence in research, practice, education and policy in cardiovascular prevention and rehabilitation in Europe** and the EACPR plays a central role in the prevention and policy agenda of the European Society of Cardiology (ESC).

As of today, over **1,600 members from most European countries** with scientific expertise and a special interest in Cardiovascular Epidemiology, Prevention and Rehabilitation actively contribute to the Association.

The EACPR has the following **central activities** and each is led by a Board Committee:

- **EJCPR journal:** bi-monthly journal embracing all the scientific, clinical and public health disciplines that address the causes and prevention of cardiovascular disease
- **Prevention Implementation:** closes the gap between science and practice for both secondary and primary prevention in hospital and general practice and relies on a network of National Coordinators for CVD prevention and scientific projects (Health Professional Toolkit, SCORE & HeartScore, HeartQoL, ECRIS, EuroAction and EUROASPIRE IV survey)
- **Education & Accreditation:** provides input to the ESC Core curriculum in cardiology, creates post-graduate education and training programmes and contributes to textbooks and other publications
- **Science & Guidelines:** informs the development of all ESC Clinical Practice Guidelines and initiates the writing of position papers - **Communications:** provides professional and scientific information to its members and external partners

The specialty sections of the Association are basic science, cardiac rehabilitation, epidemiology and public health, exercise physiology, prevention and health policy and sports cardiology.

The EACPR has an international presence and its official annual congress is EuroPREvent. It is held each spring and the next edition will take place in Prague, Czech Republic on 5 - 8 May 2010.

## **EACPR Stand**

Visit our stand in the Exhibition / Poster Area to learn more about the EACPR activities and join the Association!

- Get your Abstract book CD-Rom
- Get a Health Professional Toolkit
- Discover HeartScore with a personalised demo

## **EACPR Member Activities**

### **Members Lounge**

New to EuroPREvent 2009, the EACPR Members' Lounge is an exclusive area that permits members to take a break, meet up with a colleague, check their mails or simply have a cup of coffee. The lounge is located in the Garden Restaurant, after the Registration Area.

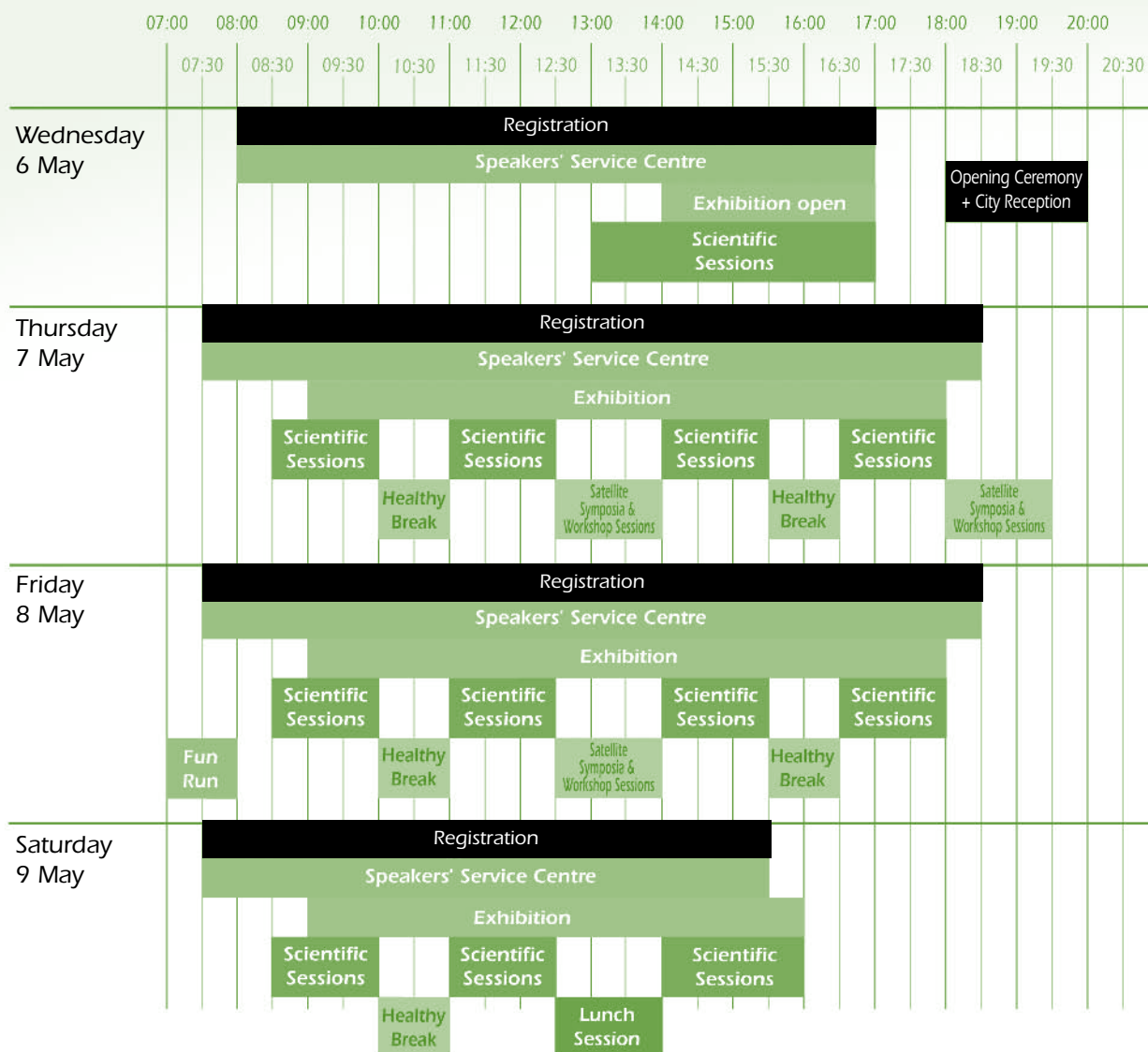
### **General Assembly**

Make sure that your voice is heard! Changes to the EACPR Constitution will be proposed at the General Assembly, Saturday 9 May 2009 (10:00-11:00) in Room T1/T2 and will be subject to the EACPR members' vote.

**Be present  
and influence future decisions  
of the Association!**

*Live a heart healthy life!*

# Schedule



## Opening Hours

	Wednesday 6 May	Thursday 7 May	Friday 8 May	Saturday 9 May
Scientific Programme	13:00-17:00	08:30-19:30	08:30-18:00	08:30-16:30
Registration	08:00-17:00	07:30-18:30	07:30-18:30	07:30-15:30
Speakers' Service Centre	08:00-17:00	07:30-18:30	07:30-18:30	07:30-15:30
Exhibition	14:00-17:00	09:00-18:00	09:00-18:00	09:00-16:00

# Scientific Information

## Pre-arranged Sessions

- **State of the art:** The latest and most sophisticated lectures in the field of prevention and health policy, epidemiology and public health, cardiac rehabilitation, exercise physiology, sports cardiology and basic science by the world's leading experts.
- **Ongoing Science:** Discussions of recent developments in the various fields of basic science, epidemiology and preventive cardiology
- **Debate:** Provide a lively yet balanced discussion on controversial issues.
- **Meet the Experts:** These sessions are geared towards practical management of cardiovascular diseases in daily situations by experts in their field
- **Demonstration Projects:** These sessions aim to provide examples on how you can apply prevention in practice.
- **Symposia:** Allow for in-depth discussion of recent developments in the various fields of basic science, epidemiology and prevention cardiology.
- **Satellite Symposia and Workshop Sessions:** Sessions organised by our Industry Partners in the fields of prevention and health policy, epidemiology and public health, cardiac rehabilitation, exercise physiology, sports cardiology and basic science. These sessions will be reflected in a series of Symposia organised by the Industry.

## Abstract-based sessions

- **Oral abstract session:** These are competitive sessions in which the results of original scientific research in the field of preventive cardiology are presented.
- **Young Investigators' Award session:** Oral presentations from our 6 best junior investigators.
- **Moderated Poster sessions:** The authors of the best abstracts from each poster session will briefly illustrate the content of their abstract and will take part in a specific discussion with two chairpersons in the Poster Area during the coffee breaks.

## DON'T MISS!

The best moderated posters per EACPR section - Prevention & Health Policy, Epidemiology & Public Health, Cardiac Rehabilitation, Sports Cardiology, Exercise Physiology and Basic Science - selected onsite during the Moderated poster sessions will be displayed on Saturday 9 May 2009 in the exhibition area.

- **Poster Sessions:** Poster sessions consist of a visual display of research highlights. There are four half-days of poster displays. Poster presenters are expected to be present at their poster during the coffee break.

13:00 - 15:00	Main Session	T1/T2
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**Examples of prevention in practice**

**Chairpersons: P. Tornvall (Djursholm, SE); A. Eklund-Grönberg (Stockholm, SE)**

- |       |   |   |
|-------|---|---|
| 13:00 | Opening address from the Director-General National Institute for Public Health. *<br>S. Wamala (Ostersund - SE) | 1 |
| 13:15 | Promoting a hearthealthy lifestyle in Sweden. *<br>To be announced  | 2 |
| 13:50 | Prevention in primary care, the Vasterbotten project. *<br>K.O.A. Boman (Skelleftea - SE)                       | 3 |
| 14:25 | Changing the lifestyle of a nation: Slovenia takes the lead.<br>Z. Fras (Ljubljana - SI)                        | 4 |

15:20 - 16:30	Main Session	T1/T2
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**Building the national alliance**

**Chairpersons: M.-L. Hellenius (Stockholm, SE); A. Andersson (Ljungby, SE)**

- |       |  |   |
|-------|--|---|
| 15:20 | Cardiovascular prevention, the European perspective. *<br>L. Ryden (Stockholm - SE)  | 5 |
| 15:30 | Can we contribute to the alliance? Presentation from national stakeholders in prevention: primary care physicians, occupational health physicians, school health staff, cardiologists, heart-lung foundation and patient organisations. *<br>P. Tornvall, M. Schlyter, P. Johansson, A. Eklund-Grönberg, A. Kagstrom, R. Hoglund (Djursholm, Malmö, Sandviken, Stockholm - SE) | 6 |

16:30 - 17:15	Symposium	T1/T2
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**Panel debate with leading politicians and health decision makers**

**Chairperson: A.I.U. Bäsén (Stockholm, SE)**

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|-------|--|---|
| 16:30 | Panel debate with leading politicians and health decision makers. *<br>To be announced | 7 |
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\* Presentation in Swedish language - Föredrag endast på svenska

18:00 - 20:00

Stockholm City Hall

## Opening Ceremony and Cocktail EuroPrevent 2009

The European Association for Cardiovascular Prevention and Rehabilitation  
is pleased to invite you to attend  
the **Opening Ceremony & Cocktail during EuroPrevent 2009**  
hosted by the City of Stockholm in one of the most prestigious buildings in Sweden,  
world famous for hosting the Nobel Prize Awards, since 1930.

### Welcome Address

I. Linge (Stockholm, SE)  
President of the County Council

### Opening of the Congress on behalf of the European Association for Cardiovascular Prevention and Rehabilitation - EACPR

D.A. Wood (London, GB)  
President of the EACPR



### Important notes:

Coaches will leave from the Congress Centre/Rica Talk Hotel at 17:30 Hrs.

Entry tickets for the Reception must be picked up from the Hotel and City Reception Desk  
in the Registration area of the congress venue  
by 17.00 hrs on 6 May at the latest.

Location  
Stockholm City Hall  
SE-103 21 Stockholm

08:30 - 10:00	Main Session	T1/T2
<b>Living a heart-healthy life: the European Heart Health Charter revisited</b>		
<b>Chairperson(s): K. Andersen (Reykjavik, IS); L. Ryden (Stockholm, SE)</b>		
08:30	Update on the European Heart Health Charter. K. Andersen (Reykjavik, IS), L. Ryden (Stockholm, SE)	10A
08:50	Will the Charter reach its objectives? P. Puska (Helsinki - FI)	10
09:20	Physical activity, the main tool of public health. B. Saltin (Copenhagen - DK)	11
09:50	Discussion, summary.	

10:00 - 11:00	Moderated Poster Session	Poster Area
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Moderated Posters will be on display between 08:30 and 12:30 in a dedicated space in the Poster Area.

### Epidemiology & Public health

**Chairperson(s): D. Vanuzzo (Udine, IT); S.K. Malyutina (Novosibirsk, RU)**

10:00	Explaining the continuing decrease in CHD mortality in Ireland: comparing population health behaviour and health service contributions from 1985-2000 with 2000-2006. K. Bennett, I. Perry, H. Mcgee, K. Morgan, E. Shelley, S. Jennings, S. Capewell (Dublin, Cork, Dublin - IE, Liverpool - GB)	12
10:06	Population-wide trends in systolic blood pressure, diastolic blood pressure, total cholesterol and HDL cholesterol: impact of medication use. S.L. Hardoon, P.H. Whincup, S.G. Wannamethee, O. Papacosta, A. Thomson, L.T. Lennon, R.W. Morris (London - GB)	13
10:12	Abdominal obesity and a risk of hypertension in children and adolescents. V. Regecova, E.K. Kellerovala, E.C. Cizmarova, A.J. Jurko, E.O. Ondriskova (Bratislava, Martin, Myjava - SK)	14
10:18	Awareness and knowledge of blood pressure goals in coronary patients across Europe: Results from the EUROASPIRE III Study. J. Heidrich, U. Keil, D. De Bacquer, G. Ambrosio, Z. Reiner, D. Gaita, D. Wood, C. Prugger (Muenster - DE, Ghent - BE, Venice - IT, Zagreb - HR, Timisoara - BG, London - GB)	15
10:24	Genetic variants at rs599389 modulate serum lipids levels and the risk of myocardial infarction in the Stockholm Heart Epidemiology Program. B. Gigante, M. Vikstrom, K. Leander, S. Ye, U. De Faire (Stockholm - SE, London - GB)	16
10:30	Non-fasting triglycerides are associated with increased risk of cardiovascular deaths in women. A. Lindman, MB. Veieroed, J.I. Pedersen, A. Tverdal, R. Selmer (Oslo - NO)	17
10:36	Alcohol consumption in relation to vascular and total mortality in patients at high cardiovascular risk: a meta-analysis. S. Costanzo, A. Di Castelnuovo, M.B. Donati, L. Iacoviello, G. De Gaetano (Campobasso - IT)	18
10:42	HDL cholesterol and risk of stroke. M.T. Cooney, A.L. Dudina, I.M. Graham (Dublin - IE)	19
10:48	Circulating adiponectin levels in chronic heart failure patients independently predict hospital admission within 2 years and can be reduced by physical training. A.M. Van Berendoncks, P. Beckers, V.Y. Hoymans, N. Possemiers, S. Coenen, C.J. Vrints, V.M. Conraads (Edegem, Antwerp - BE)	20
10:54	Prevalence and significance of silent myocardial ischaemia in patients with type 2 diabetes and dyslipidemia. E.E. Babes, V.V. Babes, C. Bustea, M.I. Popescu (Oradea - RO)	21

08:30 - 12:30	Poster Session 1	Poster Area
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Posters must be set up between 08:00 and 08:30, removed between 12:30 and 13:00 and be on display between 08:30 and 12:30. The presenter should be present throughout the coffee break (10:00 and 11:00) in order to discuss the poster.

### Cardiovascular epidemiology.

	Five-year changes in physical activity level are associated with changes in cardiovascular biomarkers. The Inter99 study. M. Aadahl, L. Von Huth Smith, C. Pisinger, U. Toft, C. Glumer, K. Borch-Johnsen, T. Jorgensen (Glostrup, Gentofte - DK)	22
	Myocardial infarction morbidity and mortality among Finnish-speaking majority and Swedish-speaking minority in Turku, Finland. A. Lammintausta, A. Lehtonen, P. Immonen-Raiha, J. Torppa, I. Raiha, J.K.E. Airaksinen, V. Salomaa (Turku, Helsinki - FI)	23

	<b>The significance of angina pectoris symptoms among middle-aged employees: a register-based follow-up study using data on cardio-vascular medication and hospitalization.</b>	24(W)
	T.M. Lallukka, I. Keskimaki, K. Manderbacka, H. Hemingway, O. Rahkonen, A. Reunanen, E. Lahelma (Helsinki - FI, London - GB)	
	<b>The M235t polymorphism in the AGT gene and CHD risk: evidence of a hardy-weinberg equilibrium violation and publication bias in an updated meta-analysis and meta-regression.</b>	25
	M.H. Zafarmand, Y.T. Van Der Schouw, D.E. Grobbee, P.W. De Leeuw, M.L. Bots (Utrecht, Maastricht - NL)	
	<b>Endothelial function in a healthy Norwegian population.</b>	26
	E.A. Skaug, S. Aspenes, y. Ellingsen (Trondheim - NO)	
	<b>Smokeless tobacco (snus) and risk of heart failure in a community-based sample of elderly men.</b>	27
	G. Arefalk, E. Ingelsson, M.P. Hergens, L. Lind, O. Nyren, M. Lambe, J. Sundstrom (Uppsala, Stockholm - SE)	
	<b>Australian coronary heart disease mortality trends: the decline is now slowing in young adults.</b>	28
	M. O'flaherty, S. Allender, R. Taylor, C. Stevenson, A. Peeters, S. Capewell (Liverpool, Oxford - GB, Brisbane, Melbourne - AU)	
	<b>Type D personality and the metabolic syndrome.</b>	29
	M. Kostapanos, D. Tziallas, E. Katsiora, K. Kyrkos, H.J. Milionis, P. Skapinakis, V. Mavreas, M.S. Elisaf (Ioannina - GR)	
	<b>Parental history of coronary heart disease in a large cohort study from Stockholm.</b>	30
	K. Leander, M. Vikstrom, M. Halldin, M-L. Hellenius, U. De Faire (Stockholm - SE)	
	<b>Longitudinal trends in major cardiovascular risk factors in the Czech population in 1985 to 2007/8. Czech MONICA and Czech post-MONICA Study.</b>	31
	R. Cifkova, J. Bruthans, V. Adamkova, M. Jozifova, M. Galovcova, P. Wohlfahrt, A. Krajcoviechova, V. Lanska (Prague -CZ)	
	<b>The Italian health examination survey osservatorio epidemiologico cardiovascolare: preliminary results.</b>	32
	S. Giampaoli, C. Lo Noce, C. Donfrancesco, F. Vancheri, L. Iacoviello, C.A. Goldoni, P. De Sanctis Caiola, D. Vanuzzo (Rome, Caltanissetta, Campobasso, Modena, Udine - IT)	
	<b>On the association between average alcohol consumption and the incidence of major coronary events.</b>	33(W)
	M. Ferrario, V. Cambiano, G. Veronesi, G.C. Cesana, G. Corrao, C. Fornari, G. Mancina, R. Sega (Milano, Monza, Varese - IT)	
	<b>Who participates in population screening surveys in small towns - results of the Polish 400 Cities Project in years 2003-2005.</b>	34
	M. Rutkowski, L. Wierucki, A. Ignaszewska-Wyrzykowska, I. Mogilnaya, W. Drygas, B. Wyrzykowski, T. Zdrojewski (Gdansk , Warsaw - PL)	
	<b>Cardiovascular comorbidity in overweight / obese adolescents in Germany, Austria and Switzerland: Standardized multicenter documentation in 41333 patients from 136 pediatric obesity care centers.</b>	35
	K. Stuebing, U. Hoffmeister, S. Wiegand, TH. Reinehr, C. Petersen, K. Widhalm, D.L. Allemann, R. Holl (Scheidegg , Ulm , Berlin , Datteln , Hamburg - DE, Wien - AT, St.Gallen - CH)	
	<b>Are there differences in cardiovascular risk factors between town and village?</b>	36
	J. Bruthans, Z. Skodova, R. Cifkova, V. Lanska (Prague - CZ)	
	<b>Implementing a registry for cardiovascular disease in Barbados: progress report.</b>	37
	A.M.C. Rose, I.R. Hambleton, S.M. Jeyaseelan, A.J.M. Hennis (Bridgetown - BB)	
	<b>Pulmonary function and cardiovascular risk in an healthy population from the MOLI-SANI PROJECT.</b>	38
	A. Arcari, D. Barbato, S. Costanzo, A. De Curtis, H.J. Schunemann, M.B. Donati, G. De Gaetano, L. Iacoviello (Campobasso, Roma - IT)	
	<b>Abdominal obesity and associated cardiovascular disease in Poland - Results from the IDEA study (International Day for the Evaluation of Abdominal Obesity).</b>	39
	M. Chrostowska, A. Szyndler, A. Rojek, P. Paczwa, K. Narkiewicz (Gdansk, Warszawa - PL)	
	<b>Risk of death is high after initial admission for heart failure.</b>	40
	I. Vaartjes, JB. Reitsma, A. De Bruin, M.L. Bots (Amsterdam, The Hague, Utrecht - NL)	
	<b>Evaluation of weight, body mass index, waist and hip circumferences, and waist-to-hip ratio as predictors of myocardial infarction, serum glucose and lipids.</b>	41
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	<b>Analysis of acute coronary heart disease mortality in average statistical region of Russian Federation.</b>	44
	N.N. Nikulina (Ryazan - RU)	
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Night shift work is associated with transient impairment of endothelial function in medical residents. L. Capjon, C. Russell, I.J. Eide, A. Hansesaetre, T. Omland (Lorenskog, Oslo - NO)	96
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11:00 - 12:30	State of the art Session	T1/T2
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**Changing eating habits - the global experiment**

**Chairperson(s): M. Verschuren (Bilthoven, NL); To be announced**

11:00	Changing eating habits - the global experiment. S. Tonstad (Oslo - NO)	107
11:30	How to nourish the endothelium? R. Corti (Zurich - CH)	108
12:00	Trans fatty acids - removing them from society. S. Stender (Hellerup - DK)	109

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**Blood pressure - how low should we go and how?**

Session supported by Novartis Pharma AG in the form of an unrestricted educational grant

**Chairperson(s): S.E Kjeldsen (Oslo, NO); R. Cifkova (Prague, CZ)**

11:00	Why are bloodpressure levels falling? R. Jackson (Auckland - NZ)	110
11:30	Blood pressure management: the 2007 ESH Guidelines. S.E. Kjeldsen (Oslo - NO)	111
12:00	Prevention and treatment of hypertension by physical activity. T. Jorgensen (Glostrup - DK)	112

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**Europe - coming out of the smoke?**

**Chairperson(s): K.E Lund (Oslo, NO); G. Boëthius (Ostersund - SE)**

11:00	Smoking in the era of the workplace smoking ban: impact on CHD. E. Shelley (Dublin - IE)	113
11:30	Smoking in the era of the workplace smoking ban: impact on outcomes other than smoking. F. Barone Adesi (Turin - IT)	114
12:00	More than nicotine - carbon monoxide and the heart. O. Ellingsen (Trondheim - NO)	115

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**How much pain for cardiac gain?**

**Chairperson(s): I. Vuori (Tampere, FI); I.M. Graham (Dublin, IE)**

11:00	Physical inactivity - A modern pandemic. J. Myers (Palo Alto, USA)	116
11:30	Novel exercise-induced mechanisms of cardiovascular protection. M. Halle (Munich - DE)	117
12:00	The challenge of intervention in different populations. A.K. Jenum (Oslo - NO)	118

**12:45 - 13:45** **Satellite Symposium organised by Pfizer** **C7****Evolving management of cardiovascular risks: your contribution counts****Chairperson(s): L.R.W. Erhardt (Rosemont, US)**

- 12:45 Chair's welcome.  
L.R.W. Erhardt (Rosemont - US)
- 12:50 A unique fixed-dose combination in cardiovascular risk reduction: joining forces against the cardiovascular threat. 119  
J.E. Deanfield (London - GB)
- 13:05 Preventing cardiovascular events in high-risk patients: establishing 1st line defence against atherosclerosis. 120  
S. Wassmann (Montreal - CA)
- 13:20 Patients with cardiovascular disease who smoke: the risk factor that can be totally extinguished. 121  
L.R.W. Erhardt (Rosemont - US)
- 13:35 Panel Discussion. 122  
L.R.W. Erhardt, J.E. Deanfield, S. Wassmann (Rosemont - US, London - GB, Montreal - CA)

**12:45 - 13:55** **Workshop Session organised by Uniliver** **C6****The metabolic syndrome - A health threat of our time****Chairperson(s): R. Fisher (Stockholm - SE)**

- 12:45 Metabolic syndrome or visceral obesity/ectopic fat syndrome? The notion of cardiometabolic risk. 122A  
J.P. Despres (Quebec, CA)
- 13:15 Physical activity in prevention and treatment of the metabolic syndrome. 122B  
M.L. Hellenius-Cederholm (Stockholm, SE)
- 13:30 Fatty acids and insulin resistance. 122C  
U. Riserus (Uppsala, SE)
- 13:45 Panel Discussion.

**14:00 - 15:30** **A Joint Session with the EACPR and the EAS** **T1/T2****Lipids - can't live with them, can't live without them**

Session supported by Merck Schering Plough in the form of an unrestricted educational grant

**Chairperson(s): M.-R. Taskinen (Helsinki, FI); G. Kojda (Duesseldorf, DE)**

- 14:00 Lipid data from EUROASPIRE III: is there a challenge left? 123  
G. De Backer (Ghent - BE)
- 14:30 The lower is really the better, no matter what? 124  
A.F. Stalenhoef (Nijmegen - NL)
- 15:00 Multifactorial risk management: tackling the problem from several directions. 125  
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**14:00 - 15:30** **State of the art Session** **C8****Supersized kids - the next generation****Chairperson(s): M.-L. Hellenius (Stockholm, SE); J.E. Deanfield (London, GB)**

- 14:00 Overweight children - the inevitable evolution? 126  
A. Blakemore (London - GB)
- 14:30 Understanding the mechanisms of obesity in young age. 127  
J. Dahlgren (Gothenburg - SE)
- 15:00 The health benefits from weight reduction - assessment of population approaches. 128  
E. Brunner (London - GB)

**14:00 - 15:30** **A Joint Session with the EACPR and the EASD** **C7****Diabetes - old genes in a new environment****Chairperson(s): C-G. Ostenson (Stockholm, SE); P. Heuschmann (Berlin, DE)**

- 14:00 Epidemic of diabetes mellitus: where do we stand and what's to come. 129  
J. Tuomilehto (Helsinki - FI)
- 14:30 Underlying mechanisms and possible concepts to overcome the problem. 130  
J.F. Cosentino (Rome - IT)
- 15:00 Environment: how to wage war on physical inactivity. 131  
K. Birkeland (Oslo - NO)

**14:00 - 15:30** **State of the art Session** **C6****Psychosocial factors - changing hearts and minds****Chairperson(s): K.O.A. Boman (Skelleftea, SE); H. Mc Gee (Dublin, IE)**

- 14:00 Psychosocial stress, what has INTERHEART taught us? 132  
A. Rosengren (Gothenburg - SE)
- 14:30 Psychological stress - Pathways to heart disease. 133  
A. Steptoe (London - GB)
- 15:00 The clinical management of stress in coronary patients. 134  
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Moderated Poster Session

Poster Area

Moderated Posters will be on display between 14:00 and 18:00 in a dedicated space in the Poster Area.

### Prevention and health policy

#### Chairperson(s): P.B. Mathes (Feldafing, DE); B. Stegmayr (Umeaa, SE)

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| 15:30 | Metabolic syndrome is a predictor of outcome in patients with familial combined hyperlipidemia.<br>C. Masoura, J. Skoumas, K. Aznaouridis, V. Metaxa, F. Platsouka, L. Papadimitriou, C. Pitsavos, C. Stefanadis (Athens - GR)   | 135    |
| 15:36 | Alcohol consumption and omega 3 polyunsaturated fatty acids in healthy men and women from 3 european populations.<br>R. Di Giuseppe, M. De Lorgeril, P. Salen, F. Laporte, A. Di Castelnuovo, V. Krogh, M.B. Donati, L. Iacoviello (Campobasso, Milan - IT, Grenoble - FR) | 136    |
| 15:42 | Morbidity and mortality among smokers and non-smokers - 30 years follow-up of 54 000 middle-aged Norwegian women and men.<br>H.E. Meyer, A. Tverdal, S.E. Vollset (Oslo, Bergen - NO)  | 137    |
| 15:48 | Cost-effectiveness of statin treatment for primary prevention of vascular disease related to vascular disease risk and cost of drug treatment.<br>J.P. Greving, F.L. Visseren, A. Algra (Utrecht - NL)   | 138(W) |
| 15:54 | Dietary intake of marine n-3 polyunsaturated fatty acids and the risk of acute coronary syndrome in healthy men and women.<br>A.M. Joensen, EB. Schmidt, C. Dethlefsen, S.P. Johnsen, A. Tjonneland, L.H. Rasmussen, K. Overvad (Aalborg, Aarhus, Copenhagen - DK)         | 139    |
| 16:00 | Impact of favorable cardiovascular risk profile on total and cardiovascular mortality: results from the CUORE Project.<br>C. Donfrancesco, L. Palmieri, S. Panico, D. Vanuzzo, G. Cesana, M. Ferrario, L. Pilotto, S. Giampaoli (Rome, Naples, Udine, Monza, Varese - IT)  | 140    |
| 16:06 | The importance of a healthy diet for prevention of cardiovascular disease.<br>P. Engelfriet, J. Hoekstra, R. Hoogenveen, F. Buchner, C. Van Rossum, W. Verschuren (Bilthoven - NL)   | 141    |
| 16:12 | The preventive potential of body mass reduction on cardiovascular risk: data from the Italian CUORE Project.<br>S. Giampaoli, C. Donfrancesco, S. Panico, D. Vanuzzo, G. Cesana, M. Ferrario, L. Pilotto, L. Palmieri (Rome, Naples, Udine, Monza, Varese - IT)            | 142    |
| 16:18 | Are healthy teenagers really healthy? Results of the screening project Sopkard 15.<br>P. Czarniak, P. Szczesniak, M. Krawczyk, A. Pakalska, A. Sliwinska, E. Krol, T. Zdrojewski (Gdansk - PL)   | 143    |
| 16:24 | A program of prevention of cardiovascular disease in the primary school: results of the first 4 years of activity.<br>E. Venturini, E. Talini, S. Picci, S. Banti, F. Signorini, A. Scalzini, R. Testa (Cecina - IT)   | 144    |

14:00 - 18:00

Poster Session 2

Poster Area

Posters must be set up between 13:30 and 14:00, removed between 18:00 and 18:30 and be on display between 14:00 and 18:00. The presenter should be present throughout the coffee break (15:30 and 16:30) in order to discuss the poster.

### Public health.

- |   |     |
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<b>16:30 - 18:00</b>	<b>Demonstration project</b>	<b>T1/T2</b>
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### Prevention in practice I - Smoking cessation programmes

#### Chairperson(s): S. Logstrup (Brussels, BE)

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S. Logstrup (Brussels - BE)	
16:34 Smoking cessation: how to improve tobacco cessation in our programmes?	231
K. Abdennbi (Paris - FR)	
17:12 Smoking cessation - a part of tobacco control.	232
G. Boëthius (Ostersund - SE)	
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S. Logstrup (Brussels - BE)	

**16:30 - 18:00 Demonstration project C8****Prevention in practice II - Physical activity programmes****Chairperson(s): E. Garcia Porrero (Leon, ES)**

16:30	Physical activity - Introduction. E. Garcia Porrero (Leon - ES)	234
16:34	Promotion of physical activity as part of daily life. A.K. Jenum (Oslo - NO)	235
17:12	Promoting physical activity in risk individuals. M-L. Hellenius (Stockholm - SE)	236
17:50	Physical activity - Closing remarks. E. Garcia Porrero (Leon - ES)	237

**16:30 - 18:00 Demonstration project C7****Prevention in practice III - Lipid management programmes****Chairperson(s): D.S. Thelle (Gothenburg, SE)**

16:30	Introduction to lipid management programmes. D.S. Thelle (Gothenburg - SE)	238
16:34	Practical integration of treatment of CVD risk factors in the outpatient clinic. S. Tonstad (Oslo - NO)	239
17:12	The Lipid Clinic - its role in the management of dyslipidaemias. D.P. Nicholls (Belfast - GB)	240
17:50	Summary and future aspects. D.S. Thelle (Gothenburg - SE)	241

**16:30 - 18:00 Demonstration project C6****Prevention in practice IV - Prevention & rehabilitation programmes****Chairperson(s): P. Doherty (York, GB)**

16:30	Prevention & rehabilitation programmes - Introduction. P. Doherty (York - GB)	242
16:34	Risk stratification in the German Parliament. H. Gohlke (Ballrechten-Dottingen - DE)	243
16:44	Prevention & rehabilitation programmes - Presentation 1. C.S. Jennings (London - GB)	244
17:17	Prevention & rehabilitation programmes - Presentation 2. H. Saner (Bern - CH)	245
17:50	Prevention & rehabilitation programmes - Closing remarks. P. Doherty (York - GB)	246

**18:15 - 19:45 Workshop Session organised by Pfizer C7****Population versus individuals: the right to practice medicine****Chairperson(s): F.D.R. Hobbs (Birmingham, GB); P. Tornvall (Stockholm, SE)**

18:15	Chairman's introduction. F.D.R. Hobbs (Birmingham - GB), P. Tornvall (Stockholm - SE)	247
18:30	Do treatment guidelines favour society or the treatment patient? - Treatment should favour society over the individual patient. F.D.R. Hobbs (Birmingham - GB)	249
	- Treatment should favour the individual patient over society. M. Dellborg (Gothenburg - SE)	249A
19:05	What can be learnt from lessons outside cardiovascular disease: asthma in Europe. B. Leif (Lund, SE)	249B
19:25	Wrap up 5 minutes. F.D.R. Hobbs (Birmingham - GB), P. Tornvall (Stockholm - SE)	250
19:30	Audience discussion and call to action. F.D.R. Hobbs (Birmingham - GB), P. Tornvall (Stockholm - SE)	251

08:30 - 10:00	Main Session	T1/T2
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<b>It's not risk factors stupid, it's society!</b>		Epidemiology & public health
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Session supported by Servier in the form of an unrestricted educational grant

**Chairperson(s): E. Prescott (Copenhagen, DK); J.H.A.J. De Sutter (Ghent, BE)**

08:30	The WHO Commission on social inequalities and beyond: new recommendations. P.M.G. Marmot (London - GB)	252
09:10	Does stress explain the socioeconomic gradient in cardiovascular disease - new evidence. T. Chandola (London - GB)	253
09:35	Heart rate in CAD: risk marker or risk factor? A. Hjalmarson (Gothenburg - SE)	254

08:30 - 10:00	Symposium	C8
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<b>Cardiac fatigue in overtraining syndrome: Myth or Reality?</b>		Sports cardiology
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**Chairperson(s): E.E Solberg (Oslo, NO); A. Deligiannis (Thessaloniki, GR)**

08:30	Overtraining: physiology, psychology or both? G. Kentta (Stockholm - SE)	255
08:48	Cardiac findings in overtrained athletes. A. Urhausen (Luxembourg - LU)	256
09:06	Sports-induced cardiac enzyme and BNP rises: causes and significance. J. Scharhag (Potsdam - DE)	257
09:24	Cardiac autonomic system disorders in overtraining syndrome. F. Carre (Rennes - FR)	258
09:42	Discussion. A. Urhausen, J. Scharhag, F. Carre, G. Kentta (Luxembourg - LU, Potsdam - DE, Rennes - FR, Stockholm - SE)	259

08:30 - 10:00	Symposium	C7
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<b>New challenges and future targets in cardiovascular medicine</b>		Basic science
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**Chairperson(s): V. Conraads (Edegem, BE); A. Rynkiewicz (Gdansk, PL)**

08:30	Inflammation. G.K. Hansson (Stockholm - SE)	260
08:48	Energy metabolism. R. Ventura-Clapier (Chatenay-Malabry - FR)	261
09:06	Stem cells. A.H.P. Linke (Leipzig - DE)	262
09:24	Biological aging. M. Vasa-Nicotera (Leicester - GB)	263
09:42	Discussion. M. Vasa-Nicotera, G.K. Hansson, R. Ventura-Clapier, A.H.P. Linke (Leicester - GB, Stockholm - SE, Chatenay-Malabry - FR, Leipzig - DE)	264

08:30 - 10:00	Symposium	C6
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<b>Strength and endurance exercise training: from molecules to models.</b>		Cardiac rehabilitation
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**Chairperson(s): V. Adams (Leipzig, DE); M. Mendes (Amadora, PT)**

08:30	Strength exercise training in CAD: molecular skeletal muscle signalling and adaptation. L. van Loon (Maastricht - NL)	265
08:48	Endurance exercise training in CAD: molecular skeletal muscle signalling and adaptation. V. Adams (Leipzig - DE)	266
09:06	Combined strength and endurance exercise training in CAD: lessons from molecular insights towards clinical application in cardiac rehabilitation. D.R.M.J. Hansen (Lanaken - BE)	267
09:24	The molecular effects of exercise training on glucose metabolism and oxidative stress in diabetics. J. Niebauer (Salzburg - AT)	268
09:42	Discussion. L. van Loon, V. Adams, D.R.M.J. Hansen, J. Niebauer (Maastricht - NL, Leipzig - DE, Lanaken - BE, Salzburg - AT)	269

10:00 - 11:00

Moderated Poster Session

Poster Area

Moderated Posters will be on display between 08:30 and 12:30 in a dedicated space in the Poster Area.

### Cardiac rehabilitation

**Chairperson(s): A.D.O. Zwisler (Copenhagen, DK); D. Gaita (Timisoara, RO)**

- 10:00 Can a short cardiac rehabilitation program influence novel markers of cardiovascular risk evaluated by computed tomography imaging? - Preliminary results of a randomized clinical study. 270  
R.P. Lima, G. Silva, O. Sousa, N. Dias Ferreira, N. Bettencourt, F. Miranda, M. Teixeira, V. Gama Ribeiro (Gaia - PT)
- 10:06 Predictors of survival after coronary artery bypass graft in young and elderly patients after cardiac rehabilitation. 271  
F. Cacciatore, F. Mazzella, D. Acanfora, G. Longobardi, A. Nicolino, L. Odierna, G. Furgi, F. Rengo (Telese Terme - IT)
- 10:12 Lifestyle related cardiovascular risk factors are predictors of sickness absence from work. 272  
E. Clays, D. De Bacquer, F. Kittel, M. Kornitzer, G. De Backer (Ghent, Brussels - BE)
- 10:18 Interval aerobic exercise training in CHF rehabilitation. 273  
L. Karatzanos, ST. Dimopoulos, G. Tzani, V. Agapitou, H. Pozios, A. Bouchla, E. Zerva, S. Nanas (Athens - GR)
- 10:24 Gender differences in cardiac rehabilitation programs from the Italian survey on cardiac rehabilitation (ISYDE-2008). 274  
S. De Feo, R. Tamarin, M. Ambrosetti, M. Piepoli, C. Riccio, R. Griffo (Verona, Cernusco S/N, Cunardo, Piacenza Caserta, Arenzano - IT)
- 10:30 Efficiency of telephone educational program in patients with mild and moderate arterial hypertension. 275  
N. Pogossova, IY. Koltunov, YS. Belova (Moscow - RU)
- 10:36 Lifestyle and risk factors four years after cardiac rehabilitation. 276  
A. Hoffmann, S. Jaggi, K. Sommerfeld, S. Piazzalonga, M. Pfisterer (Basel - CH)
- 10:42 Heart rate kinetics model for evaluation efficacy of cardiovascular training. 277(W)  
J. Brozaitiene (Palanga - LT)
- 10:48 Addition of inspiratory muscle training to aerobic training improves cardiorespiratory responses to exercise in patients with heart failure and inspiratory muscle weakness: a randomized trial. 278(W)  
R. Stein, ER. Winkelmann, GR. Chiappa, C.O.C. Lima, PRN. Viecili, JP. Ribeiro (Porto Alegre, Ijuí - BR)
- 10:54 Attendance in an early discharge clinic with symptom limited maximal exercise testing is safe and improves cardiac rehabilitation participation among low risk stemi patients. 279  
K. Parker, T. Hauer, R. Arena, D. Lundberg, S. Aggarwal, D. Goodhart, M. Traboulsi (Calgary - CA, Richmond - US)

### Sports cardiology

**Chairperson(s): D. Corrado (Padua, IT); S. Sharma (London, GB)**

- 10:00 Cardiovascular events during FIFA Soccer World Cup 2006. 280  
D. Niederseer, A. Egger, J. Niebauer (Salzburg - AT)
- 10:06 Arterial hypertension in middle-aged veteran elite athletes. 281  
N. Sharashidze, Z. Pagava, G. Saatashvili, D. Trapaidze, B. Tsinamdzgvishvili, R. Agladze (Tbilisi - GE)
- 10:12 HTx-sport: impact of sports behavior and physical activity on exercise-test parameters of heart-transplant recipients. 282  
C. Beller, K-W. Deyerling, G. Tenderich, D. Horstkotte, R. Koerfer, K-P. Mellwig (Bad Oeynhausen - DE)
- 10:18 Experience in transthoracic echocardiography in high level athletes. 283  
F. Trujillo, J. Fernandez- Armenta, C. Fernandez-Vivancos, V. Pedrosa, B. Prado, M. Garcia De La Borbolla, A. Castro, J.M. Cruz (Sevilla - ES)
- 10:24 Changes in pro-inflammatory cytokines and markers of myocardial injury vary with duration and intensity of exercise. 284  
A. La Gerche, W. Inder, A. Burns, A. Macisaac, H. Heidbuchel, D. Prior (Melbourne - AU, Leuven - BE)
- 10:30 Are there gender differences in regional myocardial function in athletes heart ? 285  
S. Ilic, M. Deljanin Ilic, V. Stoickov, M. Zdravkovic (Niska Banja Belgrade - RS)
- 10:36 Significant elevations in B-type natriuretic peptide (BNP) during maximal exercise in athletes but not sedentary controls. 286  
A. La Gerche, A. Burns, A. Macisaac, H. Heidbuchel, D. Prior (Melbourne - AU, Leuven - BE)
- 10:42 Prolongation of the QT interval - possibility of early transmural ischaemia or simply electrophysiological appearance. 287  
T. Gavrilovic, M.A. Matovic, Z.M. Zlatkovic, U. Ilic (Belgrade - RS)
- 10:48 Influence of marathon running on functional and structural myocardial parameters of healthy male amateur runners. 288  
G. Montiel (Koeln - DE)
- 10:54 NT-proBNP in senior athletes detects severe cardiovascular disease. 289  
A. Sahlen, A. Rubulis, M. Stahlberg, T. Fux, TP. Gustafsson, T. Marklund, F. Braunschweig (Stockholm - SE)

Posters must be set up between 08:00 and 08:30, removed between 12:30 and 13:00 and be on display between 08:30 and 12:30. The presenter should be present throughout the coffee break (10:00 and 11:00) in order to discuss the poster.

### Lipids.

- Independent relationship of serum uric acid levels with leukocytes and coronary atherosclerotic burden. 290  
S.A. Kocaman, A. Sahinarslan, M. Cemri, T. Timurkaynak, B. Boyaci, A. Cengel (Ankara - TR)
- Impact of elevated lipoprotein (a) concentration after acute coronary syndrome on one-year prognosis in patients referred for cardiac rehabilitation. 291  
H. Voeller, R. Reibis, C. Jannowitz, B. Karmann, K. Wegscheider, K. Bestehorn (Rudersdorf, Haar, Munich, Hamburg-Eppendorf - DE)
- Statin/niacin combination therapy may be better than statin therapy alone in reducing low-density lipoprotein particle concentration as measured by nuclear magnetic resonance. 292  
A. Gupta, GT. Gau, J.P. Mcconnell, S.L. Kopecky (Philadelphia, Rochester - US)
- Combination of ezetimibe with orlistat or rimonabant in statin-intolerant overweight/obese patients with dyslipidemia. 293  
M.S. Elisaf, E.N. Liberopoulos, M. Kostapanos, E.S. Nakou, C.V. Rizos, M. Florentin (Ioannina - GR)
- Are Epicardial fat, aortic valve sclerosis and mitral annular calcification independent predictors of coronary artery disease? 294  
M.M. Sucu, V. Davutoglu, H.O. Ozer, M. Aksoy (Gaziantep - TR)
- Effects of omega-3 fatty acids on lipoprotein profiles and heart rate variability in patients with mixed dyslipidemia. 295  
S.H. Kim, W.Y. Chung, H.J. Kang, Y.J. Kim, J.H. Zo, M.A. Kim, H.S. Kim, Y.B. Park (Seoul - KR)
- Dose-dependent effect of rosuvastatin on HDL-subfraction profile in patients with primary hyperlipidemia. 296  
M. Kostapanos, H.J. Millionis, T.D. Filippatos, L.G. Christogiannis, C.V. Rizos, E.T. Bairaktari, A.D. Tselipis, M.S. Elisaf (Ioannina - GR)
- Status of plasma lipids peroxidation in patients with congestive heart failure. 297  
S. Mahjob, F. Jalali, A. Seyyedi (Babol - IR)
- Change in LDL and HDL subclass profile in postmenopausal women receiving hormone replacement therapy. 298  
S. Alabakovska, M. Stojovski, D. Labudovic, K. Toseska, S. Jovanova, M. Alabakovski, B. Todorova (Skopje - MK)
- Two subfractions of low density lipoprotein in patients with acs. 299  
I. Angelova, J. Dimova, J. Kavrakova (Sofia - BG)
- HDL-cholesterol and common carotid/femoral arteries intima-media thickness in adolescents and young people. 300  
A. Starodubova, D. Sargaeva, E. Petrova, O. Kisliak, G. Storozhakov, A. Kopelev, V. Sergienko, V. Govorun (Moscow - RU)
- Implication of the new goals in dyslipidemia management in acute coronary syndromes. 301  
T.H. Livieratos, A.R. Tziovas, K.Y.R. Grammatikopoulos, P.A.N. Koustas, G.E. Kordosis (Agrinio - GR)
- Omega 3 supplementation improves left ventricular diastolic function in patients with chronic ischaemic heart failure. 302  
G.C. Metallinos, C. Chrysohoou, C. Pitsavos, S. Athansopoulou, I. Kotrogiannis, S. Brili, C. Stefanadis (Athens - GR)
- Endothelial function in patients with ischaemic heart failure treated with Rosuvastatin. 303  
E.E. Babes, V.V. Babes, M.I. Popescu, A. Ardelean (Oradea - RO)
- HDL cholesterol is an independent protective factor in all ages groups and particularly important in elderly women. 304  
M.T. Cooney, AL. Dudina, I.M. Graham (Dublin - IE)
- Oxidized LDL as a marker of rapid progression in aortic stenosis. 305  
M. Gomez Perez, M. Cladellas, L. Molina, C. Roqueta, M.I. Covas, M. Fito, J. Vila, J. Bruguera (Barcelona - ES)
- Omega-3 polyunsaturated fatty acids and their relation with cardiovascular risk factors in a nutrition transition context: the case of the Inuit population of Nunavik (Quebec), Canada. 306  
F. Proust, E. Dewailly (Quebec - CA)
- Plasma phospholipid fatty acids and CHD in older men: The Whitehall Study of London Civil Servants. 307  
R. Clarke, M. Shipley, W. Harris (Oxford, London - GB, South Dakota - US)
- Oxidized LDL and lipoprotein (a) as a risk marker in patients with myocardial infarction without traditional risk factors. 308  
M. Gomez Perez, V. Valle, J. Bruguera, M. Fito, M.I. Covas, R. Elosua, L. Molina, A. Borau (Barcelona Vitoria - ES)

**Diabetes.**

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K. Hambraeus, P. Tyden, B. Lindahl (Falun, Malmö, Uppsala - SE)
- Serum glucose levels at entry predict left ventricular systolic dysfunction in non diabetic patients with an acute coronary event. 310  
C. Chrysohoou, D.B. Panagiotakos, P. Aggelopoulos, N. Trikalinos, C. Liontou, C. Pitsavos, J. Skoumas, C. Stefanadis (Athens - GR)
- Gender aspects on the prognosis in patients with myocardial infarction and type 2 diabetes: a report from the DIGAMI 2 trial. 311  
L. Venskutonyte, K. Malmberg, A. Norhammar, L. Ryden (Stockholm - SE)
- Pre-acute coronary syndrome guideline-driven therapy in diabetics: the key to improved long-term outcomes. 312  
E. Azenha Balhau Jorge, R. Baptista, R. Teixeira, C. Negrier, N. Antonio, S. Monteiro, P. Monteiro, LA. Providencia (Coimbra - PT)
- One-year prognosis of patients with type 2 diabetes following acute coronary syndrome and cardiologic rehabilitation. 313  
R. Reibis, H. Voeller, C. Jannowitz, J. Von Horlacher, B. Karmann, K. Wegscheider, K. Bestehorn (Ruedersdorf, Rudersdorf, Haar, Munich, Hamburg-Eppendorf - DE)
- The relationship of endothelial dysfunction and diastolic left ventricular function and the presence of complications in diabetes mellitus type 2. 314  
Z.G. Lorenzo, MV. Valentin, M.H.S. Gomez, AC. Lim (Manila - PH)
- Long term results of a 12 week comprehensive outpatient diabetes rehabilitation programme. 315  
H. Saner, C.H. Grob, D.D. Dellasanta, JP Schmid (Berne, Lugano - CH)
- Value of post-systolic motion index in detecting «silent heart risk» in diabetic patients. 316  
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- Predictors of MACE in diabetic patients presenting with acute coronary syndromes. 317  
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- Endothelial dysfunction in healthy first-degree relatives of subjects with type 2 diabetes is related to metabolic factors. 318  
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N.V. Polenova, I.S. Yavelov, V.P. Masenko, N.A. Gratsiansky (Moskva - RU)
- Aerobic but not anaerobic exercise reduces postprandial hyperglycemia in patients with diabetes mellitus type 2 and coronary heart disease on beta blocker medication. 321  
B. Schwaab, F. Kafsack, E. Markmann, N. Zwick, M. Schuett (Bernried, Timmendorfer Strand, Luebeck - DE)
- The effect of reduction diet in obese patients with type 2 diabetes mellitus. 322  
T. Novakovic, LJ. Jovicevic, S. Milinic, D. Djikic, Z. Marcetic, L. Zoric, B. Dejanovic (Pristina - RS)
- Infarction size and timing, important for the reliability of early oral glucose tolerance testing in patients with myocardial infarction. 323  
C. Hage, K. Malmberg, A. Norhammar, A. Tenerz, L. Ryden (Stockholm, Vasteras - SE)
- Obesity and diabetes transition in elderly people of Southern Italy. 324  
F. Cacciatore, F. Mazzella, C. Naples, F. Rengo, P. Abete (Telese Terme, Naples - IT)
- Is a unified definition of metabolic syndrome needed? Comparison of three definitions of metabolic syndrome in 60-year-old men and women. 325  
A.C. Carlsson, PE. Wandell, M. Halldin, U. De Faire, M.-L. Hellenius (Huddinge, Solna - SE)
- High sensitivity C-reactive protein and the hypertriglyceridemic waist - important cardiovascular risk factors in patients with type 2 diabetes. 326  
H. Rosolova, B. Petrlova, J. Simon (Pilsen - CZ)
- Post acute myocardial infarction outcome: admission glycaemia says it all. 327  
S. Monteiro (Coimbra - PT)
- The majority of subjects with new-onset diabetes in a screening project had multiple dysregulated cardiovascular risk factors despite established physician contact. 328  
M. Leosdottir, R. Willenheimer, PM. Nilsson (Malmö - SE)
- Therapeutic inertia in cardiovascular risk factors control in patients with type 2 diabetes mellitus without other atherosclerotic manifestations. 329  
M. Paz Ber Mejo, E. Pujol, R. Ramos Blanes, H. Valenzuela Leal, F. Platas Lucas, S. Darnes Soler, E. Vila Forment, J. Ramio (Figueras, Gerona - ES)

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- Effects of a 12-months lifestyle/methformin program on cardiovascular risk factors and endothelial function, in otherwise healthy overweight/obese hispanics subjects. 330  
A. Alfieri-Briceno, I.S. Hoffmann, L.X. Cubeddu (Caracas - VE, Fort Lauderdale - US)
- Impaired regenerative capacity of circulating endothelial progenitor cells and vascular dysfunction as an early stage of atherosclerosis in obese children. 331  
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- The relationship between overweight and obesity and blood pressure levels. The results of WOBASZ Study. 332  
M. Polakowska, W. Piotrowski (Warsaw - PL)
- CD34 positive cells are associated with endurance performance, not with percentage body fat in obese children and adolescents. 333  
C. Graf, C. Arnold, D. Wenta, J. Mueller-Ehmsen (Cologne - DE)
- BNP fragment levels and ACE polymorphism in heart failure patients in relationship with obesity. 334  
D. Pop, D. Zdrengha, L. ProcoPcluc, G. Bodisz, O. Penciu, M. Cebanu (Cluj-Napoca - RO)
- Central fat is more important than total body fat in the assessment of cardiac autonomic nervous function in obese and overweight girls. 335  
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- Familial aggregation of overweight and obesity in Iran. 336  
P. Tajik, A. Mirzazadeh, M.H. Zafarmand, A.A. Haghdoost, A. Fotouhi, K. Mohammad (Utrecht - NL, Kerman, Tehran - IR)
- The influence of body composition on peak oxygen uptake in young obese women. 337  
C. Avram, C. Popovici, L. Craciun, M. Oravitan, D. Gaita (Timisoara - RO)
- Caffeine increases systolic and mean blood pressure as well as total peripheral resistance and decreases arterial compliance in habitual users at commonly consumed doses (1-2 cups of tea or coffee). 338  
M.K. McMullen, J.M. Whitehouse, G. Shine, A. Towell (London - GB)
- The trends of dietary cholesterol intake and its food sources among workers and farmers in Beijing from early 1980s to late 1990s. 339  
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<b>11:00 - 12:30</b>	<b>Oral Abstract Session</b>	<b>T1/T2</b>
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<b>Risk factors: from population to PCI</b>	<b>Epidemiology &amp; public health</b>
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**Chairperson(s): S. Sans Menendez (Barcelona, ES); T. Zdrojewski (Sopot, PL)**

11:00	Explaining the massive declines in coronary heart disease mortality rates in Iceland, 1981 - 2006.	379
T. Aspelund, V. Gudnason, B. Magnusdottir, K. Andersen, G. Sigurdsson, J. Critchley, M. O' Flaherty, S. Capewell (Kopavogur, Reykjavik - IS, Newcastle, Liverpool - GB)		
11:15	Environmental tobacco smoke exposure assessed using serum cotinine: associations with MI, stroke and cardiovascular risk factors in adult men and women.	380
B.J.M.H. Jefferis, G.D.O. Lowe, P. Welsh, D.A. Lawlor, S. Ebrahim, SG. Wannamethee, DG. Cook, PH. Whincup (London, Glasgow, Bristol - GB)		
11:30	The effect of a multi-factorial lifestyle intervention on changes in alcohol intake. The Inter99 study.	381
U.N. Toft, C. Pisinger, M. Aadahl, T. Jorgensen (Glostrup - DK)		
11:45	Prognostic value of 24-h blood pressure variability.	382
T.W. Hansen, L. Yan, L. Thijs, J. Boggia, C. Torp Pedersen, J. Jeppesen, H. Ibsen, JA. Staessen (Hvidovre - DK, Shanghai - CN, Leuven - BE, Montevideo - UY, Copenhagen, Holbak - DK)		
12:00	Higher circulating IGF-1 levels are associated with middle time in-stent restenosis. Preliminary results.	383(W)
P. Burchardt, A. Gozdzicka-Jozefiak, W. Nowak, T. Grotowski, R. Link, T. Siminiak (Poznan, Kowanowko - PL)		
12:15	Associations between adulthood television viewing and cardiometabolic disease risk: longitudinal study with 21-year follow up.	384
E. Stamatakis, F. Tabassum (London - GB)		

<b>11:00 - 12:30</b>	<b>Oral Abstract Session</b>	<b>C8</b>
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<b>Exercise training in coronary artery disease: what is good for whom</b>	<b>Cardiac rehabilitation</b>
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**Chairperson(s): N. Pogosova (Moscow, RU); D.T. Zdrengea (Cluj-Napoca, RO)**

11:00	Randomized comparison of the effects of interval aerobic plus strength training versus interval aerobic training alone on endothelium function in chronic heart failure.	385
S.T. Dimopoulos, V. Anagnostakou, E. Chatzimichail, L. Karatzanos, K. Malliaras, N. Diakos, A. Tasoulis, S. Nanas (Athens - GR)		
11:15	Influence of aerobic training on hemodynamic and neurohormonal response to static exercise, physical capacity and markers of inflammation in post CABG patients.	386
M. Bilinska, M. Kosydar-Piechna, A. Gasiorowska, T. Mikulski, K. Nazar, R. Piotrowicz (Warsaw - PL)		
11:30	Aquatic therapy added to aerobic training vs aerobic training alone in the rehabilitation of elderly patients with chronic heart failure: effects on exercise tolerance and hemodynamic profile.	387
G. Caminiti, M. Volterrani, A. Cerrito, R. Massaro, S. Bovone, M. Beato, A. Mancuso, MG. Rosano (Rome - IT)		
11:45	Short-term effect of a 4-week training program on clinical parameters and quality of life in patients with chronic heart failure aged 70 and older.	388
E. Miche, E. Roelleke, B. Zoller, M. Schneider, U. Wirtz, A. Radzewitz (Gernsbach - DE)		
12:00	Cardiovascular responses to daily school exercise lessons in children.	389
C. Walther, V. Adams, S. Erbs, L. Gaede, K. Machaliza, A. Koerner, W. Kiess, G. Schuler (Leipzig - DE)		
12:15	Five year follow up of the PCI vs. Exercise in stable coronary artery disease- pilot trial (PET-PILOT).	390
S. Moebius-Winkler, C. Walther, S. Erbs, K. Lenk, S. Gielen, V. Adams, R. Hambrecht, G. Schuler (Leipzig, Bremen - DE)		

11:00 - 12:30	Oral Abstract Session	C7
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**Is now the time for universal preparticipation screening?****Sports cardiology****Chairperson(s): M. Borjesson (Vastra Frolunda, SE); K.P. Mellwig (Bad Oeynhausen, DE)**

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|-------|---|-----|
| 11:00 | Evaluation of the implemetation of a region-wide preparticipation screening for athletes.<br>A. Treusch, T. Butz, O. Oldenburg, J. Holzinger, C. Langer, L. Faber, F. Van Buuren, KP. Mellwig (Schweinfurt, Herne, Bad Oeynhausen - DE) | 391 |
| 11:15 | Hypertension in athletes: do we exclude them from sports participation?<br>N.M. Panhuyzen-Goedkoop, J.L.R.M. Smeets (Nijmegen - NL)   | 392 |
| 11:30 | Children athlete's heart: effect of age and gender on echocardiographic parameters.<br>G. Kervio, N. Ville, S. Doutreleau, L. Uzan, J. Gueneron, P. Sosner, JP. Cervetti, F. Carre (Rennes, Strasbourg, Paris, Poitiers - FR)           | 393 |
| 11:45 | Electrocardiographic patterns in Georgian high level male athletes with increased left ventricular mass.<br>L. Maskhulia, V. Akhalkatsi, T. Chutkerashvili, K. Chelidze, Z. Kakhabrishvili (Tbilisi - GE)                               | 394 |
| 12:00 | Preparticipation cardiovascular screening in older (>35y) athletes: data from the Netherlands.<br>N.M. Panhuyzen-Goedkoop, J.L.R.M. Smeets (Nijmegen - NL)  | 395 |
| 12:15 | Cardiovascular findings from the pre-participation screening of 20.197 athletes: a Northern Greece experience.<br>A. Deligiannis, E. Kouidi, N. Koutlianos, M. Anifanti, D. Mameletzi, A. Samara (Thessaloniki - GR)                    | 396 |

11:00 - 12:30	Oral Abstract Session	C6
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**Translational cardiovascular science****Basic science****Chairperson(s): V. Adams (Leipzig, DE); A.H.P Linke (Leipzig, DE)**

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|-------|--|--------|
| 11:00 | Balance between circulating endothelial progenitor cells (EPCs) and mature circulating endothelial cells (CECs) in relation to the severity of peripheral arterial disease.<br>F. Cesari, F. Sofi, R. Caporale, G. Pratesi, R. Pulli, C. Pratesi, R. Abbate, GF. Gensini (Florence - IT) | 397    |
| 11:15 | Effects of vascular oxidative stress induced by Endothelium-Specific overexpression of uncoupled eNOS in mice.<br>T. Suvorava, M. Weber, S. Valcaccia, T.-V. Dao, G. Kojda (Duesseldorf - DE, Atlanta - US)  | 398    |
| 11:30 | S-Nitrosylation of the nitric oxide receptor soluble guanylyl cyclase in-vivo.<br>M. Oppermann, T. Suvorava, G. Kojda (Duesseldorf - DE)   | 399    |
| 11:45 | Vascular endothelial growth factor promotes the proliferative capacity of endothelial progenitor cells by increasing calcineurin enzymatic activity.<br>L. Yang (Zunyi - CN)   | 400(W) |
| 12:00 | Effect of endogenous NO and pentaerythritol tetranitrate on myocardial AT-2 receptor expression in-vivo.<br>VT. Dao, O. Kocgirli, S. Agouri, M. Oppermann, T. Suvorava, V. Balz, G. Kojda (Duesseldorf - DE)   | 401    |
| 12:15 | Expression of adiponectin and adiponectin receptors in the skeletal muscle of CHF patients and effect of exercise training.<br>A.M. Van Berendoncks, A. Garnier, P. Beckers, N. Possemiers, V.Y. Hoymans, C.J. Vrints, R. Ventura-Clapier, V.M. Conraads (Edegem - BE, Paris - FR)       | 402    |

14:00 - 15:30	Meet the Experts	T1/T2
<b>Cases in sports cardiology</b>		<b>Sports cardiology</b>
<b>Chairperson(s): N.M. Panhuyzen-Goedkoop (Rozendaal, NL); H.Heidbuchel (Leuven, BE)</b>		
14:00	Five cases for discussion. M. Papadakis, F. van Buuren, L. Monserrat, F.M. Quattrini, E.E. Solberg (London - GB, Bad Oeynhausen - DE, A Coruna - ES, Rome - IT, Oslo - NO)	403
14:45	Discussion. M. Papadakis, F. van Buuren, E.E. Solberg, L. Monserrat, F.M. Quattrini (London - GB, Bad Oeynhausen - DE, Oslo - NO, A Coruna - ES, Rome - IT)	404
14:00 - 15:30	Main Session	C8
<b>Salt reduction in society</b>		<b>Prevention and health policy</b>
<b>Chairperson(s): S. Allender (Oxford, GB); B. Stegmayr (Umeaa, SE)</b>		
14:00	What are the potential health benefits from salt reduction. An overview. L. Ovesen (Bagsvaerd - DK)	405
14:22	Population approach to salt reduction seen from the Norwegian perspective. H.E Meyer (Oslo, NO)	406
14:44	The UK experience. To be announced	407
15:07	The experience from Switzerland and Portugal. P. Marques-Vidal (Lausanne - CH)	408
14:00 - 15:30	State of the art Session	C7
<b>Diastolic dysfunction - prevention and treatment through physical exercise</b>		<b>Exercise physiology</b>
<b>Chairperson(s): L.E.M. Vanhees (Leuven, BE); S. Gielen (Leipzig, DE)</b>		
14:00	Autonomic function changes after exercise training in heart failure. C.E. Negrao (Sao Paulo - BR)	409
14:18	How to diagnose diastolic dysfunction? W.J. Paulus (Amsterdam - NL)	410
14:36	Aging, physical activity and the development of diastolic dysfunction. P. Banerjee (Coventry - GB)	411
14:52	Left ventricular filling in CHF - Is it improved by exercise. R. Belardinelli (Ancona - IT)	412
15:10	Tissue Doppler to diagnose diastolic dysfunction - Training effects in heart failure patients. S. Gielen (Leipzig - DE)	413
14:00 - 15:30	Debate	C6
<b>Burning issues in cardiac rehabilitation</b>		<b>Cardiac rehabilitation</b>
<b>Chairperson(s): W. Benzer (Feldkirch, AT); P. Dendale (Hasselt, BE); J.-P. Schmid (Berne, CH); M. Low (Scarsdale, US)</b>		
14:00	Improving outcome in symptomatic heart failure: Cardiac resynchronisation therapy versus training - CRT: first line treatment. R. Willems (Leuven - BE)	414
14:22	Improving outcome in symptomatic heart failure: Cardiac resynchronisation therapy versus training - CRT: only if training fails. M.F. Piepoli (Piacenza - IT)	415
14:44	ECG monitoring is mandatory during exercise training in cardiac rehabilitation - PRO. B. Rauch (Freiburg Breisgau - DE)	416
15:07	ECG monitoring is mandatory during exercise training in cardiac rehabilitation - CONTRA. S. Adamopoulos (Athens - GR)	417

15:30 - 16:30

Moderated Poster Session

Poster Area

Moderated Posters will be on display between 14:00 and 18:00 in a dedicated space in the Poster Area.

### Basic science

#### Chairperson(s): J.P.J. Halcox (Cardiff, GB); S. Mazic (Belgrade, RS)

- 15:30 Age related alterations of endothelial function in patients with chronic heart failure and healthy subjects - Effects of exercise training. 418  
M. Sandri, S. Gielen, V. Adams, N. Mangner, R. Hoellriegel, S. Erbs, A. Linke, G. Schuler (Leipzig - DE)
- 15:36 Circulating endothelial progenitor cells exhibit exercise induced variation. 419  
E. Van Craenenbroeck, L. Bruyndonckx, C. Van Berckelaer, G. Frederix, P. Beckers, C. Vrints, V. Conraads (Edegem - BE)
- 15:42 Plasma serotonin levels and endothelial function in patients after early myocardial infarction in comparison with patients with depression. 420  
V. Vargova, M. Pytliak, V. Mechirova (Kosice - SK)
- 15:48 Association between endothelial related genotypes and aerobic power and the response to physical training in patients with coronary artery disease. 421  
S. Onkelinx, R. Fagard, T. Thomaes, L. Vanhees (Leuven - BE)
- 15:54 Exercise training induces left ventricle hypertrophy in MLP-/- mice. 422  
M. Ericsson, S.H. Torp, D. Catalucci, G. Condorelli, y. Ellingsen (Trondheim - NO, San Diego - US)
- 16:00 A polymorphism in the CNTF gene, but not in CNTFR or IL-6 genes, is associated with changes in aerobic capacity after training in CAD patients. 423  
T. Thomaes, M. Thomis, S. Onkelinx, L. Vanhees (Leuven - BE)
- 16:06 In chronic heart failure the expression of myostatin is increased in the skeletal muscle. 424  
K. Lenk, V. Adams, A. Linke, K. Engelmann, S. Erbs, G.C. Schuler (Leipzig - DE)
- 16:12 Differential effects on catabolic activation in quadriceps muscle and diaphragm of rats after induction of chronic heart failure (chf). 425  
N. Mangner, S. Gielen, M. Sandri, R. Hoellriegel, V. Adams, R. Hambrecht, G. Schuler (Leipzig, Bremen - DE)
- 16:18 Effects of mild and intensive exercise on insulin muscular intracellular signaling of old rats. 426  
A.D. Assanelli, F.V. Flati, C.F. Carre, S.S. Specca, P.E. Pasini, R.F. Rannou, L.D.S. Le Douairon, C.S. Caracciolo (Brescia, L'aquila - IT, Rennes - FR, Lumezzane Brescia - IT)
- 16:24 The alpha-adducin Gly460Trp variant increases the risk of stroke in hypertensive dutch women. 427  
M.H. Zafarmand, Y.T. Van Der Schouw, D.E. Grobbee, P.W. De Leeuw, M.L. Bots (Utrecht, Maastricht - NL)

### Exercise physiology

#### Chairperson(s): A. Simon (Balatonfured, HU); A. Jegier (Lodz, PL)

- 15:30 Relationship of self-reported habitual physical activity and brachial artery flow-mediated dilation in healthy adults. 428  
M. Polovina, M. Ostojic, V. Giga, T. Potpara, N. Mujovic, M. Grujic (Belgrade - RS)
- 15:36 Cardiac structure and function in twin pairs discordant for leisure time physical activity for 32 years. 429  
S. Mutikainen, M. Alen, T. Leskinen, J. Karjalainen, T. Rantanen, J. Kaprio, U.M. Kujala (Jyvaskyla, Helsinki - FI)
- 15:42 Physical activity and 5-year cognitive decline in middle-aged men and women. 430  
M. Angevaren, L. Vanhees, A. Nooyens, W. Wendel-Vos, W.M.M. Verschuren (Utrecht - NL, Leuven - BE, Bilthoven - NL)
- 15:48 Non ST-segment exercise test variables in patients with diabetes and their prognostic value. 431  
G.A. Slavich, D. Tuniz, R. Fregolent, P. Mapelli, M. Slavich, P.M. Fioretti (Udine, Milan - IT)
- 15:54 The usefulness of cardio-pulmonary exercise testing for assessing the myocardial ischemic thresholds of female patients with type 2 diabetes mellitus with left bundle branch block. 432  
A. Ascione, M. Aversa, A. Sciarappa, R. Sangiuolo (Naples - IT)
- High intensity interval training reduces late luminal loss following percutaneous coronary intervention with stent implantation. 433  
P.S. Munk, E.M. Staal, N. Butt, K. Isaksen, Al. Larsen (Stavanger - NO)
- 16:00 Maximal exercise capacity in adults with congenital heart disease. 434  
R. Buys, W. Budts, C. Delecluse, A. Stevens, L. Vanhees (Leuven - BE)
- 16:06 Cardiac autonomic function and cardiopulmonary efficiency in power-trained athletes using anabolic steroids. 435  
E. Kouidi, N. Koutlianos, A. Kaltsatou, A. Deligiannis (Thessaloniki - GR)
- 16:12 Beneficial effect of Aerobic Training in Multiple Sclerosis. 436  
R. Antenucci, A. Rampello, G. Lenti, M. Franceschini, D. Olivieri, M.F. Piepoli, A. Chetta (Piacenza, Parma - IT)
- 16:24 Efficacy of home-based exercise programs for patients with chronic heart failure: a meta-analysis. 437  
R. Hwang, T. Marwick (Brisbane - AU)

Posters must be set up between 13:30 and 14:00, removed between 18:00 and 18:30 and be on display between 14:00 and 18:00. The presenter should be present throughout the coffee break (15:30 and 16:30) in order to discuss the poster.

### Hypertension.

- Systolic blood pressure amplification. The Czech post-MONICA study. 438  
P. Wohlfahrt, D. Palous, M. Ingrischova, R. Cifkova (Prague - CZ)
- White coat hypertension in children. 439  
A. Jurko, P. Durdik (Martin - SK)
- Effects of exercise training on hemodynamic, hormonal and metabolic profile in normotensive young women at high familial risk of hypertension. 440  
E. Ciolac, E. Bocchi, L. Bortolotto, J. Greve, G. Guimaraes (Sao Paulo - BR)
- Independent relationship of serum uric acid level and impaired autonomic function with night blood pressure in untreated dipper and nondipper hypertensive patients. 441  
M. Erden, SA. Kocaman, F. Poyraz, S. Topal, R. Yalcin (Ankara - TR)
- Heart rate variability changes in children with systemic hypertension. 442  
A.A.A. Jurko, I. Tonhajzerova, Z. Havlicekova (Martin - SK)
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S.L. Grace, K. Grewal, S. Gravely-Witte, N. Suskin, D.E. Stewart - (Toronto - CA)



16:30 - 18:00	Debate	T1/T2
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<b>Debates in sports cardiology</b>		<b>Sports cardiology</b>
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<b>Chairperson(s): A. Pelliccia (Rome, IT); L.D. Dugmore (Stockport, GB)</b>		
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16:30	Sexual activity: another sport to prevent cardiovascular morbidity? CONVINCED. C.G.S. Araujo (Rio de Janeiro - BR)	529
16:52	Sexual activity: another sport to prevent cardiovascular morbidity? DOUBTING. M. Dellborg (Gothenburg - SE)	530
17:14	Master athletes require screening PRO. M. Borjesson (Vastra Frolunda - SE)	531
17:37	Master athletes requires screening CONTRA. E. Prescott (Copenhagen - DK)	532

16:30 - 18:00	How-To Session	C8
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<b>Resistance training in cardiac rehabilitation</b>		<b>Exercise physiology</b>
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<b>Chairperson(s): A. Cider (Gothenburg, SE); A. Urhausen (Luxembourg, LU)</b>		
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16:30	What is the physiological response to isometric, isotonic and isokinetic muscular contraction? A. Mezzani (Veruno - IT)	533
16:52	How do you measure muscle functional parameters? E. Rydwick (Jarfalla - SE)	534
17:14	What determines the response of healthy subjects and cardiac patients to resistance training? S. Tokmakidis (Komotini - GR)	535
17:37	Resistance exercise in the cardiac patient: what evidence do we have? B. Bjarnason-Wehrens (Cologne - DE)	536

16:30 - 18:00	Main Session	C7
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<b>Genetics will improve prevention</b>		<b>Basic science</b>
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<b>Chairperson(s): A. Cohen-Solal (Paris, FR); U. Landmesser (Zurich, CH)</b>		
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16:30	Genetics will improve prevention PRO. J. Erdmann (Luebeck - DE)	537
16:32	Genetics will improve prevention CONTRA. A. Hingorani (London - GB)	538
17:14	Mechanistic basic science: molecules or man - Cells and animals are what counts V. Adams (Leipzig - DE)	539
17:37	Mechanistic basic science: molecules or man - Epidemiology is more important. G.S. Tell (Bergen, NO)	540

16:30 - 18:00	Oral Abstract Session	C6
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<b>Cardiovascular disease prevention: a success story? Prevention and health policy</b>		
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<b>Chairperson(s): T. Zdrojewski (Sopot, PL); D. Vanuzzo (Udine, IT)</b>		
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16:30	Impact of a combined low threshold intervention on BMI and motor skills in pre-school children. C. Graf, D. Klein, D. De Toia, S. Weber, N. Wessely, B. Koch, S. Dordel, H. Strueder (Cologne - DE)	541
16:45	EUROASPIRE III: Lifestyle, risk factor and therapeutic management in people at high risk of developing cardiovascular disease from 12 European regions. K. Kotseva, C. Jennings, G. De Backer, D. De Bacquer, D. Gaita, U. Keil, Z. Reiner, D. Wood (London - GB, Ghent - BE, Timisoara - RO, Muenster - DE, Zagreb - HR)	542
17:00	Coronary mortality declines in the USA between 1980 and 2000. How much of the fall can be attributed to primary versus secondary prevention? F. Young, JA. Critchley, S. Capewell (Newcastle Upon Tyne, Liverpool - GB)	543
17:15	Does intensive post-graduate education improve adherence to cardiovascular disease guidelines among general practitioners. J. Mehlsen, P. Schultz-Larsen, K. Roslind, B. Christensen, S. Madsbad (Frederikberg, Virum, Aarup, Laasby, Copenhagen - DK)	544
17:30	Do health behaviours explain socioeconomic differences in all-cause mortality, and in fatal and non-fatal cardiovascular events: evidence from the PRIME Study. J. Woodside, J.W.G. Yarnell, C.C. Patterson, D.R. Arveiler, P. Amouyel, J. Ferrieres, A. Bingham, P. Ducimetiere (Belfast - GB, Strasbourg, Lille, Toulouse, Villejuif - FR)	545
17:45	A meta-analysis of randomized control trials of home-based secondary prevention programs: Comparisons to usual care and hospital-based cardiac rehabilitation. A.M. Clark, M. Haykowsky, J. Kryworuchko, J. Scott, M. Desmeules, W. Luo, G. Liang, FA. Mc Alister (Edmonton, Ottawa, Texas - CA)	546

<b>08:30 - 10:00</b>	<b>Main Session</b>	<b>T1/T2</b>
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### Changing the burden of cardiovascular disease

**Chairperson(s): S. Giampaoli (Rome, IT); P. Marques-Vidal (Lausanne, CH)**

08:30	The party's over: increasing cardiovascular mortality after two decades of good news. S. Capewell (Liverpool - GB)	547
08:56	Changing patterns of cardiovascular mortality: what are today's culprits? D.S. Thelle (Gothenburg - SE)	548
09:22	160 years of increasing life expectancy. Will it ever end? U. Keil (Muenster - DE)	549

<b>08:30 - 10:00</b>	<b>Symposium</b>	<b>C8</b>
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### The perils of the physical environment

### Epidemiology & public health

**Chairperson(s): W. Koenig (Ulm, DE); G.S. Tell (Bergen, NO)**

08:30	Mercury rising: global warning and cardiovascular health. O. Faergeman (Aarhus - DK)	550
08:52	Cars, fumes and cardiovascular disease. M. Twickler (Amsterdam - NL)	551
09:14	Environmental tobacco smoke: insights from Scotland and England. J. Pell (Glasgow - GB)	552
09:37	Acute inflammatory episodes and the triggering of acute vascular events. L. Smeeth (London - GB)	553

<b>08:30 - 10:00</b>	<b>State of the art Session</b>	<b>C7</b>
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### Novel frontiers in cardiovascular prevention

### Basic science

**Chairperson(s): Z. Reiner (Zagreb, HR); J.P.J. Halcox (Cardiff, GB)**

08:30	HDL and the metabolic syndrome - a challenge for the future. J.P.J. Halcox (Cardiff - GB)	554A
08:48	HDL functions - beyond reverse cholesterol transport. U. Landmesser (Zurich - CH)	554
09:06	HDL in clinical trials - where are we now? F. Ruschitzka (Zurich - CH)	555
09:19	Adipositas - mechanisms of vascular injury. S. Erbs (Leipzig - DE)	556
09:37	Discussion. J.P.J. Halcox, U. Landmesser, F. Ruschitzka, S. Erbs (Cardiff - GB, Zurich - CH, Leipzig - DE)	557

<b>08:30 - 10:00</b>	<b>Oral Abstract session</b>	<b>C6</b>
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### Exercise testing in chronic heart failure. How to treat exercise

### Exercise physiology

**Chairperson(s): N. Geladas (Daphne, GR); A. Mezzani (Veruno, IT)**

08:30	Cardiopulmonary exercise testing in patients with chronic heart failure: prognostic comparison from peak vo <sub>2</sub> and ve/vco <sub>2</sub> slope. F.M. Sarullo, I. Brusca, D. Fernandez, P. Di Pasquale, S. Paterna, A. Castello (Palermo - IT)	558
08:45	Erythropoietin treatment improves peak VO <sub>2</sub> and oxygen uptake efficiency slope (OUES) without changing VE vs. VCO <sub>2</sub> slope in anemic patients. H. Itoh, K. Kondo, Y. Ebi, A. Goda, T. Maeda, T. Shimada, T. Sumiyoshi, Y. Murakami (Tokyo - JP, New York - US, Chiba - JP)	559
09:00	Chronotropic incompetence is a major predictor of impaired response to exercise training in heart failure patients. M. Zurek, H. Saner, J-P. Schmid (Bern - CH)	560
09:15	Course of exercise capacity, ventilatory efficiency and left ventricular function in the second year after orthotopic cardiac transplantation. R.K. Binder, J.P. Schmid, T. Carrel, H. Saner, P. Mohascsi, R. Hullin (Bern - CH)	561
09:30	Improvement of ventilatory efficacy after ventricular resynchronization is not correlated to enhancement of systolic left ventricular dysfunction. J. Jauussaud, H. Douard, P. Blanc (Pessac - FR)	562
09:45	Long-term physical rehabilitation in patients with persistent atrial fibrillation and heart failure. I. Osipova, Y. Galkina, K. Golovina, A. Timofeev, J. Vidergold (Barnaul - RU)	563

**11:00 - 12:30 Joint Session with the EACPR and the ESC Council on Cardiovascular Primary Care T1/T2****Organising services for individuals at high risk****Prevention and health policy****Chairperson(s): T. Jorgensen (Glostrup, DK); A.W. Hoes (Utrecht, NL)**

- |       |  |     |
|-------|--|-----|
| 11:00 | The challenge of organising services to identify those at high risk.<br>S. Giampaoli (Roma - IT) | 564 |
| 11:22 | EuroAspire III: A European survey in primary care.<br>Z. Fras (Ljubljana - SI)                   | 565 |
| 11:44 | Experience from general practice in UK.<br>To be announced                                       | 566 |
| 12:07 | Will high risk strategy increase social inequalities?<br>C. Pisinger (Glostrup - DK)             | 567 |

**11:00 - 12:30 Main Session C8****Health-related quality of life: A comparison across Europe****Chairperson(s): I.M. Hellemans (Amsterdam, NL); J. Perk (Oskarshamn, SE)**

- |       |   |     |
|-------|---|-----|
| 11:00 | The HeartQoL project: rationale and study design.<br>S. Hofer (Innsbruck - AT)                              | 568 |
| 11:22 | Results I - national sociodemographic and clinical comparisons.<br>H. McGee (Dublin - IE)                   | 569 |
| 11:44 | Results II - national specific health-related quality of life comparisons.<br>N.B. Oldridge (Glendale - US) | 570 |
| 12:07 | Implications for clinical practice and research.<br>H. Saner (Bern - CH)                                    | 571 |

**11:00 - 12:30 Symposium C7****Cardiovascular physiology from sea to sky****Exercise physiology****Chairperson(s): A. Urhausen (Luxembourg, LU); E. Kouidi (Thessaloniki, GR)**

- |       |  |     |
|-------|--|-----|
| 11:00 | The diving cardiac patient.<br>A. Cider (Gothenburg - SE)  | 572 |
| 11:22 | The cardiac patient exercising in moderate altitude.<br>P. Dubach (Chur - CH)                                | 573 |
| 11:44 | Pathomechanisms, treatment and prevention of high-altitude pulmonary oedema.<br>C. Dehnert (Heidelberg - DE) | 574 |
| 12:11 | From sky to earth: lessons learnt from microgravity research.<br>U. Hoffmann (Koeln - DE)                    | 575 |

**11:00 - 12:30 Oral Abstract Session C6****Young investigators' awards****Chairperson(s): S. Sans Menendez (Barcelona, ES); J.P.J. Halcox (Cardiff - GB)**

- |       |   |        |
|-------|---|--------|
| 11:00 | Jury members.<br>N. Geladas, B. Stegmayr, M.F. Piepoli, K-P. Mellwig (Daphne - GR, Umeaa - SE, Piacenza - IT, Bad Oeynhausen - DE)  |        |
| 11:00 | Cardiac microvascular dysfunction in diabetes and insulin treatment: Role of glucose-induced PKC-BII activity.<br>Z.Y. Yin, L.P. Wei, H.C. Wang (Xi'an - CN)  | 576(W) |
| 11:15 | Diastolic dysfunction in chronic heart failure and ageing - Effects of exercise training.<br>M. Sandri, S. Gielen, N. Mangner, R. Hoellriegel, S. Erbs, A. Linke, S. Moebius-Winkler, G. Schuler (Leipzig - DE)               | 577    |
| 11:30 | Ethnic differences in physiological cardiac adaptation to intense physical exercise in highly trained female athletes.<br>J.C. Rawlins, F. Carre, M. apadakis, C.P. Edwards, N. Chandra, S. Sharma (London - GB, Rennes - FR) | 578    |
| 11:45 | Mismatch between heart failure patients in exercise training trials and the real world.<br>D. Niederseer, A. Egger, J. Niebauer (Salzburg - AT)   | 579    |
| 12:00 | Prediction of coronary heart disease risk by Framingham and SCORE risk assessments varies by socioeconomic position.<br>S. Ramsay, R.W. Morris, P.H. Whincup, O. Papacosta, L. Lennon, S.G. Wannamethee (London - GB)         | 580    |
| 12:00 | Cost-utility of a cardiovascular prevention programme in highly educated adults: a randomised controlled trial.<br>N. Jacobs, N. Claes, J. Van Mierlo, S. Evers, A. Ament (Diepenbeek - BE, Maastricht - NL)                  | 581    |

12:45 - 13:45	Special Session	T1/T2
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**Open lunch meetings of the six EACPR sections: ongoing science projects**

**Chairperson(s): D.A Wood (London, GB); P. Giannuzzi (Veruno, IT)**

12:45	Basic Science. O. Ellingsen (Trondheim - NO)	582
12:55	Cardiac rehabilitation. M.F. Piepoli (Piacenza - IT)	583
13:05	Epidemiology and Public health. S. Sans Menendez (Barcelona - ES)	584
13:15	Exercise physiology. A. Mezzani, N. Geladas (Veruno - IT, Daphne - GR)	585
13:25	Prevention and Health policy. E. Shelley, S. Capewell (Dublin - IE, Liverpool - GB)	586
13:35	Sports cardiology. H. Heidbuchel (Leuven - BE)	587

14:00 - 15:30	Main Session	T1/T2
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**Highlight session**

**Chairperson(s): A. Rynkiewicz (Gdansk, PL); D.S. Thelle (Gothenburg, SE)**

Highlights presented by each of the EACPR Section Members.

14:00	Basic Science. V. Conraads (Edegem, BE)	589
14:15	Cardiac Rehabilitation. J. Niebauer (Salzburg, AT)	590
14:30	Epidemiology & Public Health. To be announced	591
14:45	Exercise Physiology. A. Mezzani (Veruno, IT)	592
15:00	Prevention & Health Policy. T. Jørgensen (Glostrup, DK)	593
15:15	Sports Cardiology. S. Sharma (London, GB)	594

14:00 - 15:30	Symposium	C8
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**Beyond the initial wave of genome wide association studies**

**Epidemiology & public health**

**Chairperson(s): A. Hingorani (London, GB); W. Koenig (Ulm, DE)**

14:00	New insights from the Cardiogenics and Wellcome Trust case control consortia. J. Erdmann (Luebeck - DE)	595
14:22	The Helsinki multiple coronary phenotypes study and Helsinki sudden death study. M. Perola (Helsinki - FI)	596
14:44	The MORGAM study. A.E. Evans (Belfast - GB)	597
15:07	The ARIC, MESA and GENOA studies. To be announced	598

15:45 - 16:15	Special Session	T1/T2
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**EuroPrevent 2009 - Closing ceremony**

**Chairperson(s): D.A. Wood (London, GB); J. Perk (Oskarshamn, SE)**

15:45	Introduction. J. Perk (Oskarshamn - SE)	599
15:50	Young Investigators' Award. P. Giannuzzi (Veruno - IT)	600
15:55	EJCPR Author prize. P. Giannuzzi (Veruno, IT)	601
16:00	Welcome EuroPrevent 2010 - Prague. R. Cifkova (Prague - CZ)	602
16:05	Closing remarks. D.A. Wood (London - GB)	603

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