



Jagiellonian Medical Research Centre

14th JMRC symposium Basic and Clinical Aspects of Endothelial Dysfunction

Krakow 18th – 20th May 2006

Internatinal Culture Centre, 25 Market Square

Chairman: Stefan Chłopicki



The JMRC Council:

Stefan Chłopicki
Ryszard J. Gryglewski
Aleksander Koj
John C. McGiff
Andrzej Szczeklik

Programme of 14th JMRC symposium Kraków 18th – 20th May 2006 *Basic and Clinical Aspects of Endothelial Dysfunction*

Thursday 18th May

*Opening of the symposium
Academy of Music, 43 sw. Tomasz str.*

18.00 – 18.30 Opening of the Symposium

Opening remarks

John C. McGiff – the oversea Honorary President of JMRC

18.30 – 19.30 **Opening lecture**

David Celermajer (Australia)

*Insights into Early Vascular Disease through Studies of
Flow Mediated Dilatation*

19.30 – 20.00 concertino

20.00 – 22.00 – get-together party

Friday 19th May

Assessment of Endothelial Dysfunction – part one

Chairmen: Andrzej Szczeklik, Stefan Chłopicki

9.00 – 9.30 **Ryszard Gryglewski (Poland)**

*Appraisal of Endothelial Function in Pharmacotherapy
of Cardiovascular Disease – a Personal View*

9.30 – 10.00 **Bruno Fink (Germany)**

*ESR Techniques for the Detection of Nitric Oxide in Vivo
as a Index of Endothelial Function.*

10.00 – 10.30 **Andrzej Szuba (Poland)**

*ADMA - a common mediator of endothelial dysfunction
and a novel marker of cardiovascular risk*

10.30 – 11.00 **Katarzyna Mizia-Stec (Poland)**

*Cytokines and Adhesive Molecules in Detection of
Endothelial Dysfunction*

11.00 – 11.30 coffee break

Assessment of Endothelial Dysfunction – part two

Chairmen: David Celermajer, Rafał Niżankowski

11.30 – 12.00 **Philip Chowienczyk (UK)**

*Pulse Wave Analysis in Assessment of Peripheral
Endothelial Dysfunction*

12.00 – 12.30 **Jarosław Kasprzak (Poland)**

Clinical Aspects of Assessment of Endothelial Function

12.30 – 13.00 **Lars Lind (Sweden)**

*Comparison of Clinical Utility of Three Methods of
Detection of Endothelial Dysfunction*

13.00 – 14.30 lunch

Mechanisms of Endothelial Dysfunction – part one

Chairmen: Ryszard Gryglewski, John McGiff

14.30 – 15.00 **Francisco Laurindo (Brazil)**

*Mechanisms of Vascular Cell Oxidant Stress in
Endothelial Dysfunction*

15.00 – 15.30 **Zsolt Bagi (Hungary)**

*Impact of Diabetes Mellitus on Microvascular Function
in Animal Models and Humans*

15.30 – 16.00 **Pietro Minuz (Italy)**

*Increased Isoprostane Generation, Endothelial
Dysfunction and Vascular Damage*

16.00 – 16.30 coffee break

Mechanisms of Endothelial Dysfunction – part two

Chairmen: Flavio Coceani, Roberto Motterlini

16.30 – 17.00 **Lucilla Poston (UK)**

Endothelial Dysfunction in Preeclampsia

17.300 – 18.00 **Hans Vink (Netherlands)**
Glycocalyx and Endothelial Dysfunction

17.30 – 18.00 **Jerzy Chudek, Andrzej Więcek (Poland)**
Adipose Tissue, Inflammation and Endothelial Dysfunction

Saturday 20th May

Pharmacology of Mitochondria in Vascular Wall
Chairmen: Ivars Kalvinish, Andrzej Beręsewicz

9.00 – 9.30 **Vilma Borutaite (UK)**
NO, Mitochondria and Inflammation

9.30 – 10.00 **Adam Szewczyk (Poland)**
Endothelial Mitochondria as a Possible Target for Endothelial Drugs

10.00 – 10.30 **Xavier Leverve (France)**
Endothelial Mechanisms of Action of Metformin

10.30 – 11.00 *coffee break*

Pharmacology of Endothelial Dysfunction – part one
Chairmen: Andrzej Trzebski, Stefan Angielski

11.00 – 11.30 **Stefan Chłopicki (Poland)**
Primary and Secondary Type of Endothelial Dysfunction

11.30 – 12.00 **Rainer de Martin (Austria)**
NF- κ B and XIAP as a Molecular Targets for Inhibiting Endothelial Cell Inflammation

12.00 – 12.30 **Tomasz Smoleński (UK)**
ATP in the Regulation of Endothelial Function

12.30 – 14.00 *lunch*

Pharmacology of Endothelial Dysfunction – part two
Chairmen: Rostyslav Stoika, Tomasz Smoleński

14.00 – 14.30 **Włodzimierz Buczek, Andrzej Mogielnicki (Poland)**
Are the Endothelial Mechanisms of ACE-Inhibitors Already Established?

14.30 – 15.00 **Roberto Motterlini (UK)**
Pharmacological Actions of Carbon Monoxide-Releasing Molecules (CO-RMs)

15.00 – 15.30 **Bruno Podesser, Seth Halstroem (Austria)**
S-Nitrosoalbumin in the Treatment of Endothelial Dysfunction

15.30 – 16.00 *coffee break*

Dysfunction of Pulmonary Endothelium
Chairmen: Cezary Watała, Jerzy Vetulani

16.00 – 16.30 **Sheila Haworth (UK)**
Pulmonary Endothelium in Perinatal Life

16.30 – 17.00 **Flavio Coceani (Italy)**
The Ductus Arteriosus – a Model for COX, NOS, HO Interactions.

Allotted time for each lecture is 20-25 min plus 5-10 min for discussion

Organizer:



www.jmrc.org.pl

Main Sponsor:



Sponsors:



**Ministerstwo
Edukacji i Nauki**