

8th Meeting of France
- New EU Members
16th JMRC Symposium

5th - 7th June, Kraków, Poland

Venue: Polish Academy of Arts
and Sciences (PAU), 17 Sławkowska



New Frontiers
in Cardiovascular Research

Chairs

Stefan Chłopicki (Poland)

Ramaroson Andriantsitohaina (France)

Scientific Programme Committee

Ramaroson Andriantsitohaina (France)

Stefan Chłopicki (Poland)

Ryszard Gryglewski (Poland)

Aleksander Koj (Poland)

Jack McGiff (USA)

Marie Nováková (Czech Republic)

Zoltán Papp (Hungary)

Táňa Ravingerová (Slovakia)

Andrzej Szczeklik (Poland)

Adam Szewczyk (Poland)

Guy Vassort (France)

Organising Committee

Maria Chechlińska

Dominika Piszczek

Thursday, 5th June

Opening ceremony

Venue: Manggha Centre, 26 Konopnickiej

17.00–17.10 Welcome addresses

17.10–17.45 Opening Lecture

Guy Vassort (France) *Introduction*

Bohuslav Ošťádal (Czech Republic)

*The past, the present and the future of experimental research
on myocardial infarction*

17.45–18.15 Concertino

18.15–21.00 Get-Together-Party

Friday, 6th June

Venue: PAU, 17 Sławkowska

Endothelial inflammation (part one)

Chairs: Bohuslav Ošťádal (Czech Republic)

Barbara Malinowska (Poland)

08.30–08.55 François Mach (Switzerland)

Pharmacology of endocannabinoid system in atherosclerosis

08.55–9.10 Attila Tóth (Hungary)

*Transactivation of arachidonic acid pathway by anandamide
affects microvascular autoregulation*

9.10–9.35 Charlotte Lawson (UK)

ICAM-1 signalling in endothelial cells

9.35–10.00 Andreas Daiber (Germany)

*Nitrate tolerance as a model of vascular dysfunction:
Roles for mitochondrial aldehyde dehydrogenase and
mitochondrial oxidative stress*

10.00–10.25 Ramaroson Andriantsitohaina (France)

Microparticles and vascular inflammation

10.25–10.40 Ludmila Okruhlicová (Slovakia)

*Modulation of connexin-43 with omega-3 fatty acids in the
aorta of hypertensive and hypertriglyceridemic rats*

10.40–11.20 Coffee Break

Endothelial inflammation (part two)

Chairs: Andrzej Szczeklik (Poland), Marie Nováková
(Czech Republic)

11.20–11.45 Claude Delcayre (France)

Aldosterone effects on coronary function

11.45–12.00 Frédéric Jaisser (France)

*Role of endothelin in blood pressure increase induced by
targeted MR overexpression in the endothelium*

12.00–12.25 Francisco Perez Vizcaino (Spain)

Flavonoids and endothelial dysfunction

12.25–12.50 Stefan Chłopicki (Poland)

1-Methylnicotinamide in vascular protection

12.50–13.05 Agnieszka Jaźwa (Poland)

*AAV-mediated VEGF165 and FGF-4 gene transfer for the
treatment of hind limb ischemia*

13.05 - 14.30 Lunch

14.30–16.30 Poster Session part one

Endothelial Inflammation (part three)

Chairs: Táňa Ravingerová (Slovakia), Włodzimierz
Buczko (Poland)

16.30–16.55 Zsolt Bagi (Hungary)

Coronary microvascular adaptation in metabolic syndrome

16.55–17.10 Joanna Sojn (Poland)

*Overexpression of CD39/nucleoside triphosphate
diphosphohydrolase-1 prevents restenosis after angioplasty?*

17.10–17.35 **Ulf Simonsen (Denmark)**

Endothelial cell signalling transduction and nitric oxide-mediated vasodilatation

17.35–18.00 **Oľga Pecháňová (Slovakia)**

Mechanisms of L-NAME-induced hypertension: peripheral and central regulations

18.00–18.15 **Krystyna Pawlak (Poland)**

Kynurenine and its metabolites are associated with oxidative stress markers and prevalence of cardiovascular disease in end-stage renal disease patients

18.15–18.30 **Attila Ziegelhöffer (Slovakia)**

Quo vadis oxidative stress? Could we be still really sure that we are always dealing with the same phenomenon?

Venue: Pugets' Palace, 13 Starowiślna

20.00–20.30 **Evening Lecture**

Andrzej Szczeklik (Poland) *Introduction*

John C. McGiff (USA)

Philosophy of medical experiments

20.30–22.30 **Dinner**

Saturday, 7th June

Venue: PAU, 17 Sławkowska

Mitochondria and cardiovascular pathology

(co-organised with Mito-NET)

Chairs: Adam Szewczyk (Poland), Józef Dulak (Poland)

08.30–08.55 **Fabio di Lisa (Italy)**

Mitochondria and vascular pathology

08.55–09.10 **Reinis Vilskersts (Latvia)**

Metabolic, vascular and cardioprotective effects of mildronate in experimental model of type 2 diabetic Goto-Kakizaki rats

09.10–09.35 **Sean Davidson (UK)**

Myocardial mitochondria in ischaemia and reperfusion injury

09.35–09.50 **Rostyslav Stoika (Ukraine)**

Differential effects of alkaloids towards mitochondria

09.50–10.05 **Vilma Borutaite (Lithuania)**

The redox state of cytochrome c regulates ischemia-induced apoptosis in perfused heart

10.05–10.30 **Renée Ventura-Clapier (France)**

Mitochondrial dysfunction in heart failure

10.30–11.15 *Coffee Break*

Myocardial contractility from normal to failure

Chairs: Zoltán Papp (Hungary), Olivier Cazorla (France)

11.15–11.40 **Luc Hittinger (France)**

How to progress in the understanding of diastolic heart failure

11.40–12.05 **Attila Borbély (Hungary)**

Molecular determinants of diastolic heart failure

12.05–12.20 **Lara Khouzami (France)**

Benefits of N-acetylcysteine treatment in heart failing LMNAH222P/H222P mouse reply on harmful processes blunting and protective response preservation

12.20–12.45 **Frank Lezoualc'h (France)**

Epac – from hypertrophy to failure

12.45–13.10 **Tomáš Šimůnek (Czech Republic)**

Anthracycline-induced cardiotoxicity: Studies of the role of oxidative stress and free cellular iron

13.10–13.25 **Jan Neckář (Czech Republic)**

Soluble epoxide hydrolase inhibitor improves cardiac ischemic tolerance in Ren-2 transgenic rats

13.25–14.45 *Lunch*

14.45–16.45 Poster Session part two

Closing lecture

Chairs: Ramaroson Andriantsitohaina (France)

Stefan Chłopicki (Poland)

16.45–17.15 **Randy Sprague (USA)**

Do erythrocytes contribute to the vascular disease of diabetes?

17.15–17.35 *Closing notes, poster prize*

Venue: Historical Museum, 35 Market Square

19.30–20.00 **Evening lecture**

Giuseppe Nistico (Italy)

From magic to experimental medicine

20.00–21.00 **Glass-of-Wine Reception**

Lectures - 20 min. plus 5 min. discussion,

Short presentation - 10 min. plus 5 min. discussion,

Poster sessions will be held at the PAU's interior yard in the venue.

Main Organiser:



Co-organiser:

Inserm

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