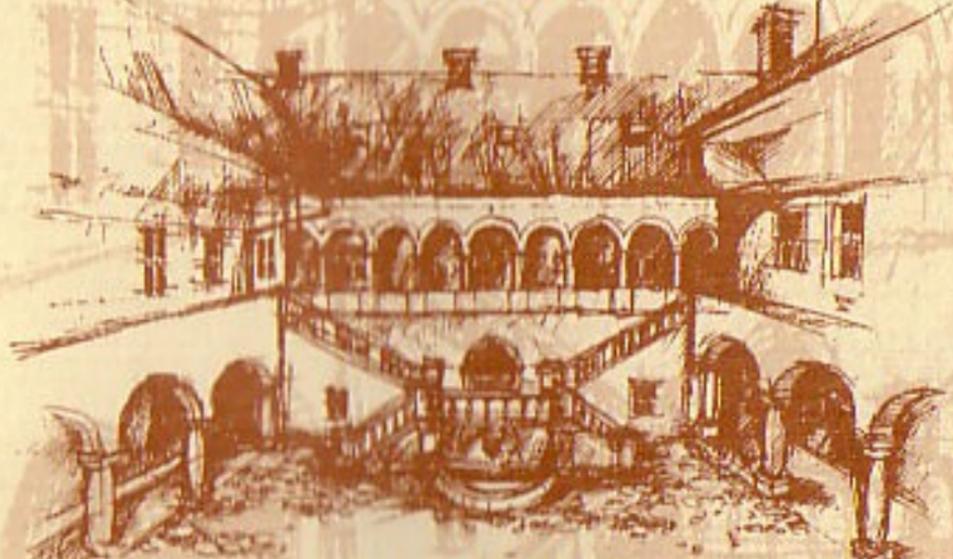


Programme

8th Symposium of Jagiellonian Medical Research Centre
2nd Meeting of International Jagiellonian Club

EICOSANOIDS 2000



Symposium Venue:
Nowodworski College
ul. Sw. Anny 12
31-008 Kraków

The Scientific and Organising Committee:
Professor Ryszard J. Gryglewski
Professor John C. McGiff
Associate Professor Wojciech Uraicz

EICOSANOIDS 2000

SUNDAY

28TH MAY 2000

18.00 – 18.10

Opening

John C. McGiff (USA) and Ryszard J. Gryglewski (Poland)

Chairmen:

Janina Woolley-Staszewska (Australia) and Ryszard J. Gryglewski (Poland)

18.15 – 19.00

Sir John Vane (UK)

COX-1 and COX-2 inhibitors (candle-light lecture)

Welcome party – all participants

MONDAY

29TH MAY 2000

Session 1: Prostaglandins

Chairmen:

John R. Vane (UK) and Ryszard J. Gryglewski (Poland)

9.00 – 9.25

Garret Fitzgerald (USA)

Vascular eicosanoids and iso-eicosanoids

9.25 – 9.50

Regina Botting (UK)

Paracetamol-inhibitable COX-2

9.50 – 10.15

Nicholas R. Ferreri (USA)

Regulation of cyclooxygenase isoforms in renal thick ascending limb

10.15 – 10.45

coffee break

Chairmen:

Garret Fitzgerald (USA) and Stanisław Konturek (Poland)

10.45 – 11.10

Andrzej Szczeklik (Poland)

Regulatory role of COX products in asthma

11.10 – 11.35

Stanisław Konturek (Poland)

COX-1 and COX-2 in gastrin-induced mucosal protection and gastric cancerogenesis

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- 11.35 – 12.00 Waldemar Radziszewski (Poland)
Development of rofecoxib – the drug that inhibits only COX-2
- 12.00 – 14.00 lunch time

Session 2: Prostacyclin and thromboxane

Chairmen:

John McGiff (USA) and Krystyna Cedro-Ceremużyńska (Poland)

- 14.00 – 14.25 Carlo Patrono (Italy)
Clinical pharmacology of cyclooxygenase inhibition
- 14.25 – 14.50 Tadeusz Maliński (USA)
Prostaglandins and nitric oxide in ischaemia of the heart and brain
- 14.50 – 15.15 Randy Sprague (USA)
Prostacyclin and nitric oxide modulate the release of ATP from red blood cells
- 15.15 – 15.45 coffee break

Chairmen:

Carlo Patrono (Italy) and Stefan Angielski (Poland)

- 15.45 – 16.10 Ryszard J. Gryglewski (Poland)
Thrombolysis by prostacyclin releasers
- 16.10 – 16.35 Heikki Vapaatalo (Finland)
Clinical pharmacology of prostanooids
- 16.35 – 17.00 Valeria Kecskesmeti (Hungary)
The potential role of platelet-activating factor in cardiac diseases
- 19.00 Club Dinner – Villa Decius

TUESDAY

30TH MAY 2000

Session 3: Leukotrienes, lipoxins and isoprostanes

Chairmen:

Charles Serhan (USA) and Andrzej Szczeklik (Poland)

- 9.00 – 9.25 Charles Serhan (USA)
Lipoxins and aspirin-triggered lipid mediators
- 9.25 – 9.50 Giancarlo Folco and Angelo Sala (Italy)
Intracellular synthesis of leukotrienes

- 9.50 – 10.15 Tony Sampson (UK)
Leukotriene receptors
- 10.15 – 10.45 coffee break
- Chairmen:**
Tadeusz Malinski (USA) and Wojciech Urazz (Poland)
- 10.45 – 11.10 Helmut Sinzinger, Anthony Oguogho (Austria)
Isoprostanes in atherosclerosis
- 11.10 – 11.35 Piola Patrignani (Italy)
Biosynthesis and pharmacological modulation of F₂-isoprostanes in humans
- 11.35 – 12.00 Barbro Dahlén (Sweden)
Treatment of AIA and asthma in general with antileukotrienes
- 12.00 – 13.00 Poster session
Chairman: Ryszard Korbut (Poland)
- 13.00 – 14.00 lunch time

Session 4: Metabolites of cytochrome P450 pathway

- Chairmen:**
Marcin Krotkiewski (Sweden) and Włodzimierz Buczko (Poland)
- 14.00 – 14.25 John C. McGiff (USA)
Renal cytochrome P450 arachidonate metabolites: containment and transformation
- 14.25 – 14.50 Mickey Laniado Schwartzman (USA)
The biochemistry and physiology of 20-HETE
- 14.50 – 15.15 Giulio Masotti (Italy)
Changes in renal autacoids in aged human hypertensives
- 15.15 – 15.45 coffee break
- Chairmen:**
Jean-Pierre Dupin (France) and Stefan Chłopicki (Poland)
- 15.45 – 16.10 Nader G. Abraham (USA)
Haemoxygenase pathway and carbon monoxide: functional implication
- 16.10 – 16.35 Michael Balazy (USA)
Nitrogen dioxide oxidation of arachidonic acid as an alternative pathway for new isoicosanoid biosynthesis
- 16.35 – 16.45 Closing
Ryszard J. Gryglewski (Poland) and John C. McGiff (USA)
- 19.00 Club Dinner – The Castle of Pieskowa Skala