

SYMPOSIUM WITH INTERNATIONAL PARTICIPATION

OF THE POLISH SOCIETY OF PHYSIOLOGY

&

III INTERNATIONAL SYMPOSIUM OF JAGIELLONIAN MEDICAL RESEARCH CENTER

ADRENERGICS SYSTEMS 100 YEARS AFTER DISCOVERY OF ADRENALINE

CRACOW, May 26, 1995

UNDER THE AUSPICES OF:

Polish Academy of Sciences and Arts
Polish Academy of Sciences
and
National Committee for Scientific Research

SCIENTIFIC PROGRAM

Friday May 26, 1995

Nowodworski College, 12 St. Anna Street

Chairmen: R. Gryglewski & A. Trzebski

- 9.00 S.J. Konturek & R. Bilski (Cracow): Historical background.
- 9.15 A. Trzebski (Warsaw): Sympatho-adrenal response to systemic hypoxia is age-dependent.
- 9.40 J. McDonald & M. Scheinin (Kuopio): Distribution and pharmacology of α_2 -adrenoceptors in the central nervous system.
- 10.15 J.H. Coote (Birmingham): Bulbospinal catecholamine neurones and sympathetic pattern generation.
- 10.40 J. Bugajski (Cracow): Central adrenergic system in the regulation of hypothalamo-pituitary-adrenal axis.

Coffee break 11.05-11.30

Chairmen: J.H. Coote & W.W. Pawlik

- 11.30 J. Vetulani (Cracow): Adrenergic receptors: structure - function relationship
- 11.55 G. Burnstock (London): Noradrenaline and ATP: cotransmitters and neuromodulators
- 12.20 R. Burgoyne (Liverpool): Control of catecholamine secretion by chromaffin cells

Chairmen: L. Cereмуżyński & R. Burgoyne

- 14.00 K. Cedro-Herbaczyńska and L. Cereмуżyński (Warsaw):
Sympathetic nervous system in cardiovascular pathology
- 14.25 W. Januszewicz (Warsaw): Pheochromocytoma catecholamine-
dependent hypertension
- 14.50 R. Kryglewski (Cracow): Contribution of basic sciences in
understanding of pathogenesis of arterial hypertension
- 15.15 A. Januszewicz (Warsaw): Use of beta-blockers in the
treatment of hypertension

Coffee break 15.40-18.10

Chairmen: J. Bugajski & W. Januszewicz

- 16.10 S. Chłopicki (Cracow): Myogenic and flow-dependent responses
in the isolated small resistance arteries
- 16.35 W.W. Pawlik, E.D. Jacobson (Cracow-Denver): Adrenergic
control of the mesenteric circulation.
- 17.00 S.J. Konturek, T. Brzozowski and J. Pytko-Polanczyk
(Cracow): Adrenergic system in the control of gastric
mucosal integrity.

End of Symposium

Time allotted to each presentation includes 5 minutes of discussion.