

Programme

MONDAY, SEPTEMBER 21, 1998

13.00 a.m. Opening ceremony

13.30 - 18.00 Symposium: Neuropathophysiology

Coordinators: Sobotka, Vožeh

1. Sobotka: Paradoxical effect of sulthiame on experimental epileptogenic focus
2. Vožeh et al.: Cognitive and motor characteristics of the cerebellar degeneration model
3. Kuba et al.: Electrophysiological detection of brain cognitive disorders
4. Dubinina et al. (Russia): Oxidative stress in patients with neuropsychiatric disorders
5. Kovářů et al.: Immunological profile of pigs during and after cardiopulmonary bypass intervention

19.30 Theatre performance

TUESDAY, SEPTEMBER 22, 1998

09.00 - 11.30 Symposium: Pathophysiology of clinical states

Coordinators: Vokrouhlický, Korpáš, Jirásková

1. Vokrouhlický, Souček: Modern approaches to volume resuscitation in hypovolemias
2. Mourek: The significance of gestational diabetes on fatty acids spectrum (model study and clinical data)
3. Korpáš et al.: Cry sound differences in infants caused by different reason
4. Dvořáková et al.: Risk of the atherosclerosis in the young insulin - dependent diabetic patients
5. Petřek et al.: Chemokines in chronic lung inflammation
6. Jirásková et al.: Photodynamic therapy with TPPS₄ and non-coherent light in some skin diseases
7. Vasiljev et al. (Russia): Stress, adaptation and health
8. Wilhelm et al.: Role of magnesium in gastroduodenal peptic disease

Coffee break

13.00 - 15.30 Symposium: Experimental study of physiology and pathological physiology

Coordinators: Hřebíček, Mourek

1. Suchánková et al.: The effects of acute and subchronic exposure to SO₂ on cardiovascular and respiratory systems in guinea pigs
2. Mourek, Trojan: Metabolic and functional state of immature nervous tissue during oxygen deficiency
3. Zloch: The dynamics of the oxidative alterations in organism of rats and guinea pigs acutely intoxicated by ethanol
4. Hřebíček et al.: Dissimilar characteristics of insulin receptors in skeletal muscles, retroperitoneal fat and liver of spontaneously hypertensive insulinoresistant
5. Ništiar et al.: Effect of longitudinal application of vanadate on the glucose homeostasis in diabetic and non-diabetic BB rats
6. Riemerová et al.: Red blood cells and haemoglobin of rats
7. Sedláček et al.: Clearance events in the guinea-pig lung after the exposure to high concentration of sulphur dioxide
8. Šalplachta: The evaluation of LD isoenzyme patterns by sum of vectors method: Muscular diseases

Coffee break

16.00 - 18.00 Symposium: Molecular aspects of multigenne diseases

Coordinators: Kuba, Hanáček

1. Kaňková et al.: Frequency of the leiden mutation and variant 4G/5G PAI-1 among women with pregnancy-induced hypertension
2. Šišková: The study of association of polymorphism of TNF β with ischaemic heart disease
3. Hollá et al.: Association of deletion polymorphism I/D ACE (angiotensin-converting enzyme) gene with asthma bronchiale
4. Mužík et al.: Molecular variants of angiotensin II type 1 receptor and angiotensin genes in men with coronary heart disease
5. Beneš et al.: Relation of polymorphisms of apolipoproteins B, E and plasminogen activator inhibitor-1 to coronary artery disease in men
6. Vašků et al.: Interaction of genetic variability of the genes for angiotensinogen and endothelin-1 at the onset of essential hypertension

20.00 Entertainment party

WEDNESDAY, SEPTEMBER 23, 1998

**09.00 - 10.30 Symposium: Teaching of pathological and
clinical physiology**

Coordinators: Dostálová, Janoušek

1. Janoušek: Internet in medical education
2. Dostálová: Contemporary views on use of animals in courses of medicine
3. Sedláček, Višňovský: Role of pathophysiology in the postgradual study of medicine

Coffee break

10.45 - 13.00 Discussions at poster panels

13.00 Closing ceremonial

