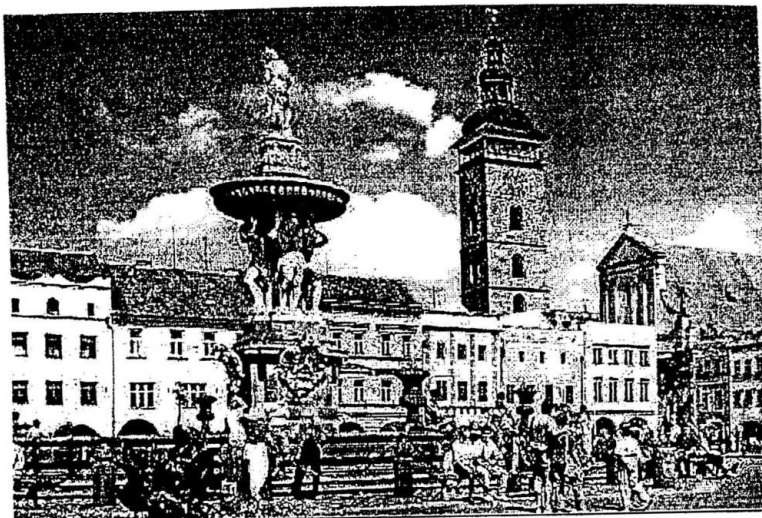


The Czech Society for Histo- and Cytochemistry
and
Institute of Entomology of the Academy of Sciences
of the Czech Republic

The Regular Symposium with International Participation

PROGRESS IN BASIC, APPLIED AND DIAGNOSTIC HISTOCHEMISTRY



České Budějovice (Budweis) , September 8. - 9. 1999

P R O G R A M

Wednesday, September 8

17:00 - 20:00

Arrival of participants, registration

20:00

Welcome party

Thursday, September 9

8:00 - 9:00

Registration

Lecture hall of the Institute of Entomology

9:00 - 9:15 Opening of the Symposium

9:15 - 12:30 Lectures

12:30 - 13:00 Lunch

13:30 - 15:30 Lectures

15:45 - 17:45 Poster session

18:00 Closing ceremony

Lectures

- 9:15 Visualization of endogenous lectins in cell biology and diagnostic: combination of immunocytochemistry with conventional and reversed lectin cytochemistry.
K. Smetana Jr., J. Plzák, Z. Holíková, E. Cela, J. Bartuňková, A. Šedivá, J. Homolka, J. Betka, F.-T. Liu, H.-J. Gabius
Prague, San Diego, Munich
- 9:30 The effect of formaldehyde on safranin staining of lignified plant tissues.
K. Beneš and V. Šírová
České Budějovice
- 9:45 Biophysical analysis of Ura2 protein sequence supports ultracytochemical detection of aspartate carbamoyl transferase activity in membranes of *Saccharomyces cerevisiae*.
J. Schwippel and J. Voříšek
Prague

- 10:00 **Nuclear (Pre-mRNA) compartmentalization: Trafficking of released transcripts to splicing factor reservoirs.**
J. Melčák, Š. Cermanová, J. Jirsová, K. Koberna, J. Malínský, I. Raška
Prague
- 10:20 **Inducible nitric oxide synthase mediates delayed hypoxic resistance of preconditioned cultures of neonatal cardiomyocytes.**
J. Slezák, I.B. Buchwalow, J. Styk, O. Slezáková, W. Schulze, G. Wallukat, P. Karczewski
Bratislava, Berlin
- 10:35 **Higher vulnerability of NO-deficient rat heart to low K⁺-induced malignant arrhythmias.**
N. Tribulová, M. Manoach, L. Okrouhlicová, R. Stetka, D. Pancza, I. Bernatová, O. Pechanová
Bratislava, Tel Aviv
- 10:50 **Differentiation of fibre types in regenerated muscle spindles in hypothyroid and hyperthyroid rats.**
K. Mráčková, V. Semelová, G. Zachařová, I. Jirmanová, G. Assmussen, T. Soukup
Prague, Leipzig
- 11:05 **Expression of integrin chains for laminin in the Schwann cells migrating into the freeze-injured dorsal root ganglia of the rat – an immunohistochemical study.**
P. Dubový, I. Klusáková, I. Svíženská, A. Zítková
Brno
- 11:20 **Are resident laminin molecules of the extracellular matrix needed for Schwann cell migration?**
P. Dubový, I. Svíženská, I. Klusáková
Brno

- 11:35 Immunohistochemical characterization of neuroepithelial cells generated *in vitro*.
J. Mokřý and L. Kotingová
Hradec Králové
- 11:50 Expression of adhesive molecules in the normal and histone-treated chick amnion.
E. Maňáková and Z. Zemanová
Prague
- 12:05 Early development of enzyme activities in the apical membrane of the proximal tubular cells of the chick mesonephros.
Z. Zemanová, Z. Jirsová, R. Gossrau
Prague, Berlin
- 13:30 Nucleolar coefficient of granulocytic precursors and granulocytes after the visualization of nucleoli by means of two different cytochemical approaches.
K. Smetana and Z. Likovský
Prague
- 13:45 Omission of non-specific esterase in the French-American-British proposal for minimally differentiated acute myeloid leukaemia (AML M0).
P. Lemež, I. Marinov, K. Koubek
Jihlava, Prague
- 14:00 Basophils in chronic myeloid leukaemia may exhibit dipeptidyl-peptidase IV.
P. Lemež and Z. Lojda
Jihlava, Prague
- 14:15 p53 protein expression in T-acute lymphoblastic leukemia cells.
M. Klobušická and O. Babušíková
Bratislava

- 14:30 **Diagnosis of early myocardial hypoxic/ischaemic changes by immunohistochemical methods.**
P. Toupalík and I. Bouška
Prague
- 14:45 **Enzymes of lysosomes and of pericellular proteolysis in the cancer of uterus, urinary bladder and large bowel; their significance for the diagnosis and prognosis in the histopathology and cytology.**
Z.Lojda, J.Kobilková, H.-A.Müller, V. Šimon, P.Frič, E.Havránková
Prague, Würzburg

Posters

- 15:45 **The embryotoxicity of PDT sensitizers (Mesoporphyrin IX, Photoporphyrin IX) before and after light irradiation in chicken embryo.**
I. Klepáček, M. Jirsa, M. Peterka
Prague
- Apoptosis and proliferation in the human placenta.**
J. Kotrčová and V. Lichnovský
Olomouc
- Correlation of apoptosis and expression of Bcl-2 gene in the cephalic region of human embryos.**
D. Černochová, E. Posípšilová, V. Lichnovský
Olomouc
- Correlation of apoptosis and proliferation in limb and axial skeleton anlagen of human embryo.**
J. Procházková
Olomouc

Correlation of apoptosis and proliferation in metanephros of human embryos and fetuses

B. Erdösová

Olomouc

Cytochemical detection of the sites of the hydrogen peroxide generation in cumulus cells of the mouse cumulus-oocyte-complex.

H. Šťastná and M. Sedláčková

Brno

Cytochemistry of hydrogen peroxide production by cumulus cells of the human cumulus-oocyte-complex.

M. Sedláčková, J. Šťastná, J. Žáková, P. Ventruba

Brno

Pacinian corpuscles – TrkC immunoreactivity and numbers in TrkC knockouts.

V. Szeder, Z. Ren, M. Sieber-Blum, L. Tessarollo, M. Grim

Prague, Milwaukee, Frederick

Are resident laminin molecules of the extracellular matrix needed for Schwann cell migration?

P. Dubový, I. Svíženská, I. Klusáková

Brno

Histological evaluation of brain tissue reaction to implanted HEMA-EMA microcapsules.

J. Karbanová, J. Mokrý, J. Lukáš, V. Palečková

Hradec Králové, Prague

Immunohistochemical characterization of cell types in the art subependymal zone.

L. Kotingová and J. Mokrý

Hradec Králové

Analysis of cytokine receptor expression in human pathological tissue by high sensitivity immunoperoxidase staining.

K. Koubek, A. Jirásek, I. Špička, J. Niederlová,
M. Filipec

Prague

Changes of E-cadherin and β -catenin expression in human and mouse intestinal tumours.

E. Šloncová, V. Sovová, D. Kučerová, D. Elleder, P. Frič

Prague

Histologic and clinical features of colorectal cancers with YNZ22 (D17S30) deletions.

K.N. Kashkin, E.W. Fleischman, A.V. Nikolaev,
A.G. Perevoschikov

Moscow

Loss of heterozygosity of Ala-VpA/MyCL1 (1p34.3) locus is highly negative prognostic marker in colorectal cancer.

K.N. Kashkin, E.W. Fleischman, A.V. Nikolaev,
A.G. Perevoschikov

Moscow