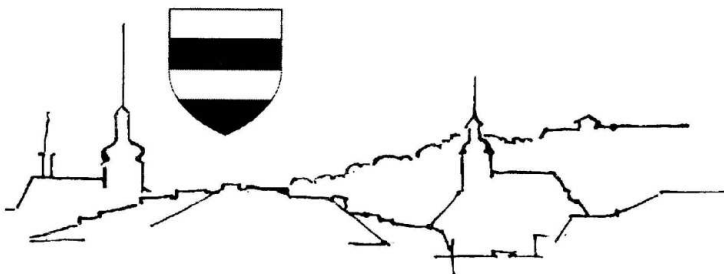


Czech Society of Histochemistry and Cytochemistry  
Faculty of Medicine · Masaryk University Brno  
Health Care Educational Institute Brno



**PROGRESS IN BASIC, APPLIED AND DIAGNOSTIC  
HISTOCHEMISTRY**

The 39<sup>th</sup> Symposium with International Participation

**PROGRAMME**  
and  
**ABSTRACTS**

November 15-16, 2002  
Brno · Czech Republic

## **HONORARY PRESIDIUM**

**Prof. MUDr. Zdeněk Lojda, DrSc., Dr. med. h. c., Dr. jur. h. c.**

Honorary President of the Czech Society of Histochemistry and Cytochemistry

**Prof. MUDr. Jiří Vorlíček, CSc.**

Dean of the Faculty of Medicine, Masaryk University, Brno

**MUDr. Petr Svačina**

Director of the Health Care Educational Institute, Brno

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MUDr. Ilona Klusáková

MUDr. Ivana Svíženská, CSc.

## SCIENTIFIC PROGRAMME

FRIDAY, NOVEMBER 15, 2002

09:00 – 11:00 Arrival and Registration

11:00 – 12:30 OPENING, CEREMONY AND INTRODUCTION LARGE LECTURE HALL

LECTURERS (Chairman P. Dimeof)

11:20 J. Labat Z. Hippopathological and pathohistochemical aspects of cytoskeleton components

11:55 2. Koznick A., Hofmeadow J., Swack K., Fowdreich J. Flow Cytometry – possibilities and limits

12:30 – 15:00 Lunch and Accommodation

15:00 – 16:00 LECTURERS (Chairman M. Grim, J. Kalczyk)

15:00 3. Kalczyk J., Swackowicz B., Ruzowicz P., Lukowicz M. Immunohistochemical properties of nerve fibres supplying major populations of neurons in the inferior mesenteric ganglion and anterior pelvic ganglion in the male pig

15:15 4. Dabney P., Kuzubovskiy I., Schindler J. Quantitative immunofluorescence for NGF, BDNF, and NT-3 in Schwann cells of the spinal roots and peripheral nerve

15:30 5. Gelin M., Sessler P., Haddad Z., Silver-Riblin M. Membrane Marked cells originate from the neural crest

15:45 6. Haczivonal Z., Valadkovi V. An experimental model of Huntington's disease: The development of forced neural graft cells in the long-term study

16:00 – 16:15 Coffee break

16:15 – 17:30 LECTURERS (Chairman K. Smetana sen., S. Csabi)

16:15 7. Madry J., Oberreiter J., Cernouk J., Kurbasova J., Ruzovick D., Stelzova D. Detection of multiple targets in immunohistochemistry

16:30 8. Cernouk J., Madry J., Novotny K., Cernouk M., Kropfald S. Amplification techniques in immunocytochemistry

16:45 9. Somoru K., Hvalby Z. Nucleolar atrophy, (NA) in Htt<sup>40</sup> resistant cells in the synaptic process induced by the phenobarbital treatment (PBT)

17:00 10. Radacl P., Ruzovick J. Substitution patterns in different tumors of salivary glands

17:15 11. Kurbasova M., Kurbasova J., Ruzovick D. Immunocytochemical detection of Bcl-2 and p53 proteins in B-lymphocyte leukemia patients

17:30 – 19:00 POSTER SESSION 1: Posters 1 – 13 (Chairman P. Dimeof) SMALL LECTURE HALL

[1] Zamfirovic F., Gurdik M., Newsham M., Bowler J. Iron deposition after induction of ischemic tolerance in rat brain

[2] Dzenkovic L., Muckovic E. NADPH-diphase activity in the rat hippocampus after cerebral ischemia and Tanshan pre-treatment

[3] Kurbasova J., Madry J., Oberreiter J. Broad differentiation potential of neural stem cells in vitro

[4] Madry P., Ruzovick M., Kurbasova K. The valuation of NADPH-d positive neurons in the forebrain of the dog

[5] Muckovic E., Muckovic M. The distribution of nerve fibres in the sheep brain

[6] Muckovic E., Dzenkovic L. Alterations of ubiquitin immunoreactivity in the rabbit spinal cord

[7] Ruzovick D., Muckovic L., Mace P., Marozik V., Sotik J., Ruzik T. Comparative analysis of cAMP-induced activation in cultured human and rodent brain cultures

[8] Segnerovik E., Trubnikov I., Chelobova T., Gellig J., Euseby I. Damage in the spinal cord leads to immediate gradient microglial response as investigated by both histochemistry

[9] Ruzovick P., Mollit J. Stem cells from fetal porcine brain can be cultured in vitro and differentiated in neurons and glia

[10] Ruzovick B., Prochodkova J., Kukuruz D., Litovicky P. Apoptosis, its regulating proteins and proliferation: spatiotemporal relations in human metastases

[11] Kurbasova J., Labatova M., Ruzik A., Haczivonal Z., Pevco L. C/2B in thyroid neoplasia: differential diagnosis – use of catalyzed signal amplification

[12] Kukuruz D., Prochodkova J., Ruzovick B., Litovicky P. Correlation among proliferation, apoptosis and Bcl-2 family proteins in the developing human intestine

[13] Prochodkova J., Kukuruz D., Erdovic B., Litovicky P. Use of double-staining techniques for co-localization of apoptosis and its regulating Bcl-2 family proteins

19:00 – 22:00 Cocktail Party

08:30 - 09:15 Meeting of the Czech Society of Histotechnology and Cytotechnology

## LARGE LECTURE HALL

- 09:15 - 10:45 POSTER SESSION II: Posters 14 - 26 (Chimarra J. Mackay) SMALL LECTURE HALL
- [14] *Dobrov J., Rohovec J., Kralova L., Bencikova B.* Optimization of immunohistochemical detection of cyclodin in transgenic *Drosophila* expressing activator and a cyclodin homologous gene
- [15] *Hradina J., Belskyova P., Farsoud M., Trantir P., Pabek K., Bencikova B.* Mutations in *CEH1* block female gonadotrophic development in *Drosophila melanogaster*
- [16] *Abadi P., Fala P., Radlaci F.* Immunohistochemical tests in diagnostics of Langerhans cell histiocytosis
- [17] *Chimarra J., Corrinha M., Nemecek S., Mardovan M., Vilkovskij J., Simekova H., Roudny E., Silar P., Kopecká S.* Apoptosis in pituitary adenomas and in pituitary cell cultures
- [18] *Corral A., Sanchez P., Balbi P.* Sialic acid expression in the lung during intratracheal development in rats
- [19] *Dagnelund O., Moberg J., Soslup T.* Meslin expression in skeletal muscle grafts
- [20] *Arnouf Z., Marzack L., Liska P., Krcova D., Kren V.* Expression of connexin 43 in the semilunar sphincterium of HD rats
- [21] *Kacera T., Curovic N.* Cytotoxic effect of cyclodextrin-A on rat hepatocyte primary culture
- [22] *Zelenkova V., Kachynska M., Hanzlik P., Obornal E., Fegerova H.* The expression of estrogen and progesterone receptors in the course of menstrual cycle and after standard hormonal substitution
- [23] *Machova M., Porceddu A., Sauer P., Schar J., Bizek E., Malykova V.* Stem-specific expression of intermediate filaments under culture conditions
- [24] *Sedlakova M., Stivala J., Zalkova J.* Ultrastructural detection of preproinsulin in human and mouse oocyte-cumulus complexes
- [25] *Sabrosov D., Moberg J., Nemecek S.* Combination of immunohistochemistry with classical histological techniques: A modern trend in histology education
- [26] *Prchalova K., Stenopyrny F., Mandlova L., Moberg J., Matuschik E., Katuschik M.* Enhanced connexin-43 and  $\alpha$ -sarcomeric actin expression in cardiocytes exposed to 5,5'-diethyl-2-thiouracil

## LARGE LECTURE HALL

- 10:45 - 11:45 LECTURES (Chimarra J., Marzack M., Kabischka)
- 10:45 *12. Zemanova Z., Arnouf Z.* Expression of the vesicular markers in the developing chick mesonephros
- 11:00 *13. Faldut J., Kramar J., Fiedrich R., Nemejova H., W. M. Hader K.* Morphological and immunohistochemical characteristics of arial mesonephral ducts onto pulmonary vein
- 11:15 *14. Mader O., Faldut J., Grom M.* The role of moderate hypoxia in embryonic angiogenesis
- 11:30 *15. Vackarova A., Soslup T., Zalkova J., Katuschik G., Katuschik O., Novotna M.* The role of inactivation and thyroid hormones in the differentiation of muscle fiber phenotype

11:45 - 13:00 Coffee break and Lunch

13:00 - 14:15 LECTURES (Chimarra V., Lichnovsky J., K. Sreznava, H)

- 13:00 *16. Sreznava K. M., Dvorakova B., Pyrek R., Hrabal Z., Sreznava K., Chromova M., Faldut S., Kachur H., Galina H. J., Galicova I.* Binding to the cell nuclei
- 13:15 *17. Nemcova I., Trantir P., Pabek K., Kachynska M., Bencikova B., Radlaci F., Fala P., Faldut J.* Fluor cytometric analysis of colostrum lymphocyte populations in adipic markers and non-adipic contrast
- 13:30 *18. Pisek J., Sreznava K. M., Hrabal Z., Sreznava S., Galina H. J.* The binding of mannitolis in Langerhans cells of normal and transformed squamous epithelia
- 13:45 *19. Mardovan M., Kacera T., Silar P., Trantir P., Faldut J.* Parathyroid gland explants in experimental stimulation
- 14:00 *20. Sreznava K., Faldut P., Audace L.* Phloroglucinol(HCl) negative walls of cytom vessels are not variable with Sarcosine

14:15

## CLOSING CEREMONY

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