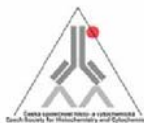


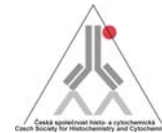
MORPHOLOGY 2008

44TH INTERNATIONAL CONGRESS ON ANATOMY
AND 45TH LOJDA SYMPOSIUM ON HISTOCHEMISTRY

OLOMOUC, SEPTEMBER 8–10, 2008



**44th INTERNATIONAL CONGRESS ON ANATOMY AND
45th LOJDA SYMPOSIUM ON HISTOCHEMISTRY**



MORPHOLOGY 2008

2nd ANNOUNCEMENT

OLOMOUC, SEPTEMBER 8 -10, 2008

Organizers

Czech Anatomical Society

Czech Society for Histochemistry and Cytochemistry

Department of Anatomy Faculty of Medicine and Dentistry Palacký University Olomouc

Department of Histology and Embryology Faculty of Medicine and Dentistry Palacký University Olomouc

International Federation of Medical Students Association

MORPHOLOGY 2008

44th International Congress on Anatomy

45th Lojda Symposium on Histochemistry

Under the Auspices of

Prof. RNDr. Lubomír DVOŘÁK, CSc.
Rector of Palacký University Olomouc

Martin NOVOTNÝ
Mayor of the City of Olomouc

prof. MUDr. Zdeněk KOLÁŘ, CSc.
Dean of Faculty of Medicine and Dentistry
Palacký University Olomouc

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Chairman of Czech Anatomical Society

Prof. RNDr. Petr DUBOVÝ, CSc.
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Chairman of Slovak Anatomical Society

Dr. Narcis TRIBULOVA, Ph.D., DSc.
Chairman of Slovak Histo- and Cytochemistry Society

September 8-10, 2008, Olomouc, Czech Republic

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Editor and publication

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doc. MUDr. Stanislav LAICHMAN, CSc., RNDr. Miroslav KUTAL, CSc.

Venue

Theoretical Institute, Faculty of Medicine and Dentistry, Palacký University Olomouc,
Hněvotínská 3, Olomouc

Topics

Cellular Morphology, Cyto and Histochemistry, Neuroanatomy, Clinical Anatomy,
Anthropology, Molecular Morphology, Education Programmes in Morphology, Varia

September 8-10, 2008, Olomouc, Czech Republic

General Information

Registration and Information Desk

Entrance hall (the main lobby) of the Theoretical Institute, Faculty of Medicine and Dentistry, Palacký University Olomouc, Hněvotínská 3, Olomouc

Office hours: Monday, September 8, 2008 7:30 – 17:00
Tuesday, September 9, 2008 8:00 – 17:00
Wednesday, September 10, 2008 8:00 – 12:00

Phone No: +420 724 742 772, +420 777 562 046

Official language: Czech, Slovak English

Congress secretariat: Ústav normální anatomie LF UP v Olomouci
Hněvotínská 3, 775 15 Olomouc
tel.: +420 585 632 202, +420 585 632 228
e-mail: morphology2008@centrum.cz

Oral Presentation

- Plenary lectures - 20 min
- Lectures - 10 min + 5 min discussion

Available devices: LCD projector, PC with Office XP software (CD-ROM, USB port); single slide projection (5 x 5 cm) and overhead projector (request is necessary);

Lecturers are kindly asked to hand in their presentations directly to the attendant at the lecture hall before each session starts.

Free internet access and PC access are in the e-point in the lobby of Theoretical Institute during the congress (8:00 – 17:00).

Poster Presentation

- The size of poster panel is 120 cm (height) × 90 cm (width)
- Poster sections according to the programme will be exposed in lobby corridor
- Pushpins will be available
- Authors are asked to be present at posters during their poster session

Exhibitors

Baria s.r.o.; Merci s.r.o.; Zena-R s.r.o.; Nikon s.r.o.;
Olympus C&S s.r.o.; Exbio Olomouc s.r.o.;
Mikro s.r.o.; Carl Zeiss s.r.o.; Nova s.r.o.;
Mega books CZ s.r.o.; Sigma- Aldrich s.r.o.
Dům Zdraví Havířov, Scintia s.r.o.

Sponsors

Statutární město Olomouc
IVAX Pharmaceuticals s.r.o.
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Alfa Taxi Olomouc, Olma a.s.
B. Braun Medical s.r.o., Litovel s.r.o.
Bode.

Refreshment – coffee breaks

Refreshments will be served in the main lobby of the Theoretical Institute, free of charge.

Lunch availability

A list of restaurants in walking distance from the Theoretical Institute will be available at the Registration and Information desk in the main lobby.

SOCIAL PROGRAMME

Organ Concert

Offered concert takes place in the “**Saint Moritz Church**” (Chrám Svatého Mořice) as the part of the International Organ Festival Olomouc which has been held in Olomouc since 1969. The concert is placed next to the “Prior” Department Store (tram station *Prior/Koruna* nbr. 2, 4, 6) in the city centre (see the map enclosed). Monday, September 8, 19:00. (Price: 50,- CZK)

Welcome Reception

It will take place after the Organ concert in **Archa Restaurant** (**Darwinova Olomouc-Svatý Kopeček**), Monday, September 8, from 21:00 till 23:30. The entrance is free of charge, including the Aikido exhibition. Transport busses will be provided at 20:15 and 20:45 (immediately after the concert, next to the Saint Moritz Church and Prior Department.Store)

The Holly Hill Trip (Svatý Kopeček)

Transport buses will be provided in front of the Theoretical Institute at 17:00. Tuesday, September 9, from 17:00 till 18:30. “Small Surprise” will be included.

Social Evening

Official dinner will take place in **Arigone Restaurant**, Univerzitní 20, Olomouc. Tuesday, September 9, from 20:00 – 23:00. (Price: 450,- CZK)

TRANSPORTATION

(see the map enclosed, tram schedule see on:

<http://www.mhdspoje.cz/mesta/Olomouc/index.htm>)

Theoretical Institute, Faculty of Medicine and Dentistry, Hněvotínská 3, Olomouc
By tram No. 1, 4, 6, tram station *Výstaviště Flora*, + 15 min walk
By bus No. 21, 41 (bus station *Teoretické ústavy*), bus No. 19 (bus station *Dvořákova*)

Saint Moritz Church, 8.května, Olomouc

Next to “Prior” Department Store

By tram No. 2, 4, 6; tram station *Prior/Koruna*. <http://www.volny.cz/christ/>

“**Arigone**” **Restaurant**, Univerzitní 20, 771 00 Olomouc

By tram No. 2, 4, 6; tram stations *Prior/Koruna*; or *Náměstí republiky*, + 5 min walk

Main Railway station Olomouc

From railway station to the Theoretical Institute:

By tram No. 1, 4, 6, tram station *Výstaviště Flora*, + 15 min walk

By bus No. 21, 41 (bus station *Teoretické ústavy*), bus No. 19 (bus station *Dvořákova*),

Main Bus station Olomouc

From bus station to the Theoretical Institute:

By tram No.4, tram station *Výstaviště Flora*

By bus No. 19, bus station *Dvořákova*, + 3 min walk

Cars

Car park is available next to the Theoretical Institute, outside the University Hospital, free of charge.

Programme

MONDAY, September 8, 2008

7:30 – 8:55 *Registration*
9:00 – 9:35 *Opening Ceremony*

GREAT LECTURE HALL

9:40 – 10:45 **Plenary Lectures**
 Chairs: Grim M, Dubový P.

9:40 – 10:00
SONIC HEDGEHOG IS REQUIRED FOR ASSEMBLY AND REMODELING OF BLOOD VESSELS IN BRANCHIAL ARCHES REGION
Kolesova H, Roelink H, Grim M *The Price Winner of Czech Anatomical Society and Olympus.*

10:00 – 10:20
HUMAN BLADDER EPITHELIAL CELLS HAVE AN ENHANCED RESPONSE TO INFLAMMATORY MEDIATORS THROUGH A TRPV1 (VANILLOID RECEPTOR) - DEPENDENT MECHANISM.
Avelino A

10:20 – 10:40
UNRAVELLING THE MICROENVIRONMENTAL REGULATION OF PHENOTYPE-MEDIATED BY TUMOR STROMA. LESSONS FROM BASAL AND SQUAMOUS CELL CARCINOMA *The Price Winner of Czech Society for Histochemistry and Cytochemistry.*
Lacina L, Dvořánková B, Szabo P, Chovanec M, Kolář M, Strnad H, Smetana Jr. K

10:45 – 11:00 *Coffee Break*

GREAT LECTURE HALL

11:00 – 12:00 **Cellular Morphology I.**
 Chairs: Míšek I, Molíková R.

11:00 – 11:15
TOOTH DEVELOPMENT IN INCISOR REGION OF SHEEP
Misek I

11:15 – 11:30
AUTOPHAGY AND CANCER
Überall I

11:30 – 11:45
IMPACT OF HEMODYNAMIC LOADING ON CONDUCTION SYSTEM DEVELOPMENT
Šebestová B, Sedmera D

11:45 – 12:00
PERIODONTAL LIGAMENT STEM CELLS
Visek B, Soukup T, Suchanek J, Jiranek M, Ivancakova R, Mokry J

12:00 – 13:30 *Lunch*

13:30 – 13:40 *Coffee Break*

GREAT LECTURE HALL

13:40 – 15:15 **Clinical Anatomy I.**
 Chairs: Holibka V, Rybarova S.

13:40 – 13:55
STRUCTURES OF THE MAXILLA RELATED TO PERIODONTAL CHANGES IN DOGS
Paral V, Kyllar M

13:55 – 14:10
PRECAVAL, INTERAORTOCAVAL AND PARAAORTAL LYMPH NODES BLOOD SUPPLY
Kachlik D, Laco J, Turyna R, Baca V

14:10 – 14:35
VARIATION OF COURSE OF THE MAXILLARY ARTERY IN THE INFRATEMPORAL FOSSA
Lovasova K, Redaj L, Rozpravkova M, Ohlasova J, Mraz M, Kluchova D

14:35 – 14:50
THE VARIABLE POSITION OF THE VERMIFORM APPENDIX: RELATION TO THE MISSED APPENDICITIS
Kubikova E, Cingel V, Mizerakova P, El Falougy H, Benuska J

14:50 – 15:00
WORKING TEAM FOCUSED ON THE DIAGNOSTICS OF HUNTINGTON'S DISEASE
Molikova R, Bezdickova M, Santava A, David O, Kamaradova D, Pavlu P

15:00 – 15:15
EQUAL DAILY DOSE ACHIEVED BY HIGHER POWER DENSITY IN LLLT AT 635 NM EFFECTIVELY STIMULATES THE HEALING OF INCISIONAL SKIN WOUNDS IN NON-TREATED RATS BUT IS USELESS AFTER CORTICOSTEROID-TREATMENT
Gal P, Mokry M, Depta F, Antol M, Kilik R, Longauer F, Sabo J

15:15 – 15:30 *Coffee Break*

GREAT LECTURE HALL

15:30 – 16:45 **Varia I.**
Chairs: Lichnovský V, Mentel J

15:30 – 15:45
PLEOMORPHIC ADENOMA - FIRST RESULTS WITH CELL LINE
Molikova R, Bezdickova M, David O, Starek I

15:45 – 16:00
HISTORY OF THE DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY, AND THE LABORATORY OF MICROSCOPIC METHODS OF THE MEDICAL FACULTY OF PALACKÝ UNIVERSITY IN OLOMOUC
Lichnovsky V, Novotny R

16:00 – 16:15
THE ROLE OF EDUCATION IN TREATMENT OF VIRAL HEPATITIS
Aiglova K, Drexlerova B, Stejskalova P

16:15 – 16:30
DEGENERATIVE CHANGES IN HUMERORADIAL AND RADIOCARPAL JOINTS
Kott O

16:30 – 16:45
QUANTIFICATION OF VASA VASORUM WITHIN THE WALL OF GREAT SAPHENOUS VEIN
Kural T, Tonar Z, Janacek J

16:45 – 17:00 *Coffee Break*

17:00 – 18:00 *Plenary meeting ČAS, SAS*

19:00 – 20:30 *Organ's Concert*

20:30 – 22:30 *Welcome Party (Konvikt UP) Aikido Exhibition*

TUESDAY, September 9, 2008

GREAT LECTURE HALL

08:00 – 09:10 **Plenary Lectures**
Chairs: Tribulová N, Schmidtová K

08:00 – 08:20
CELLULAR AND MOLECULAR CHANGES IN THE DORSAL ROOT GANGLIA ASSOCIATED AND NON-ASSOCIATED WITH INJURED PERIPHERAL NERVE
Dubovy P

08:20 – 08:40
ORGANIZATION OF THE NEOCORTICAL INHIBITORY SYSTEM
Druga R

08:40 – 09:00
GRANULOSA CELLS – CULTIVATION AND CHARACTERIZATION
Bruckova L, Soukup T, Visek B, Moosova M, Moos J, Mokry J, Bilkova Z
SIGMA –ALDRICH RESERVATION

09:00 – 09:15 *Coffee Break*

GREAT LECTURE HALL

09:15 – 10:30 **Cellular Morphology II.**
Chairs: Smetana K ml., Čech S.

09:15 – 09:30
TUMOR STROMA AS NICHE FOR CANCER STEM CELLS
Smetana K Jr., Dvorankova B, Lacina L, Strnad H, Kolar M, Plzak J, Chovanec M, Cada Z

09:30 – 09:45
HUMAN HAIR FOLLICLE AND INTERFOLLICULAR KERATINOCYTE REACTIVITY TO MOUSE HPV 16- E6/7 TRANSFECTED CELLS – IN VITRO STUDY
Dvorankova B, V Vonka, K Smetana Jr.

09:45 – 10:00
VASCULAR LUMEN FORMATION VIA BASAL CELL SURFACES
Kucera T, Strilic B, Regener K, Schubert M, Laudet V, Lammert E

10:00 – 10:15
ABOUT SOME QUESTIONS IN MICROCIRCULATION OF THE SPLEEN.
Galfiova P, Varga I, Pospisilova V, El-Hassoun O, Kopani M, Jakubovsky J, Polak S

10:15 – 10:30
PROLIFERATION STRUCTURE OF PANCREATIC CELL POPULATIONS DURING DEVELOPMENT
Horaková L, Hubicková L, Manáková E

10:30 – 11:00 *Coffee Break*

11:00 – 12:00 **Cellular Morphology III.**
Chairs: Pomfy M, Polák S.

11:00 – 11:15
ULTRASTRUCTURAL MORPHOLOGY OF IN VITRO EXPANDED HUMAN FIBROBLASTS

Polak S, Varga I, Bevizova K, Kopani M, Böhmer D, Danišovic L

11:15 – 11:30
HEAVY METALS AND THEIR DISTRIBUTION IN CHOSEN ORGANS OF FOETUS OF LABORATORY MICE

Krejcirova L, Lauschova I

11:30 – 11:45
COMPARISON OF JEJUNAL TRANSPLANTS FROM THE LIVING BEATING DONORS AFTER INTESTINAL HETEROTOPIC ALLOTRANSPLANTATION IN RAT
Pomfy M, Toth S, Jonecova Z, Vesela J, Pristasova Z, Varga J, Stasko P, Bujdos M

11:45 – 12:00
HISTOPATHOLOGICAL CHANGES OF JEJUNAL GRAFT AFTER EXPERIMENTAL SMALL BOWEL TRANSPLANTATION IN RATS

Toth S, Pomfy M, Pristasova Z, Varga J, Stasko P, Bujdos M, Jonecova Z, Vesela J

12:00 – 13:30 *Lunch*

13:30 – 13:40 *Coffee Break*

GREAT LECTURE HALL

13:30 – 14:15 **Cellular Morphology IV.**
Chairs: Kamarád V, Sedláčková M

13:30 – 13:45
COMPENSATORY GROWTH OF THE REMNANT EMBRYONIC KIDNEY IN THE EARLY CHICK EMBRYOS WITH UNILATERAL RENAL AGENESIS

Zemanova Z, Jirsova Z, Hubickova Heringova L, Manakova E

13:45 – 14:00
DENTAL PULP STEM CELLS AND THEIR CHARACTERIZATION

Suchanek J, Soukup T, Visek B, Ivancakova R, Kucerova L, Mokry J

14:00 – 14:15
RADIOSENSITIVITY OF HUMAN DENTAL PULP STEM CELLS

Soukup T, Rezacova M, Visek B, Suchanek J, Vavrova J, Tichy A, Kucerova L, Mokry J

14:20 – 15:15 **Cyto and Histochemistry**
Chairs: Smetana K sen., Mechirová E, Mellová Y.

14:20 – 14:35
GROWTH/MALIGNANCY-REGULATORY GALECTIN-7 EXPRESSION IN HEAD AND NECK SQUAMOUS CELL AND BASAL CELL CARCINOMAS

Chovanec M, Cada Z, Plzak J, Lacina L, Smetana K Jr, Andre S, Kaltner H, Gabius H-J

14:35 – 14:50
IMMUNOHISTOCHEMICAL ANALYSIS OF ENDOGLIN, SMAD2/3 AND ENOS EXPRESSION IN EXPERIMENTAL ATHEROGENESIS

Nachtigal P, Vecerova L, Pospisilova N, Pospeschova K, Semecky V

14:50 – 15:05
MOUSE MODEL OF THE DNA DAMAGE RESPONSE

Luzna P, Kylarova D, Takacova S, Divoky V, Kasparkova E, Nezhybova E, Piterkova L, Ehrmann J

15:05 – 15:15
TO THE COMPUTER ASSISTED DNA DENSITOMETRY OF BLOOD CELLS AT THE SINGLE CELL LEVEL

Smetana K, Klamová H, Hrkal Z

15:15 – 15:30 *Coffee Break*

GREAT LECTURE HALL

15:30 – 16:45 **Clinical Anatomy II.**
Chairs: Čihák R, Beňuška J.

15:30 – 15:45
DEVELOPMENT OF VARIATIONS OF LATISSIMUS DORSI MUSCLE AND CLINICAL APPLICATION

Cihak R, Haninec P

15:45 – 16:00
RETENTION AND DYSTOPY OF INFERIOR CANINI IN MAN

Pac L

16:00 – 16:15
MORPHOLOGY OF THE LUMBAR DURAL SLEEVES DEMONSTRATED IN MAGNETIC RESONANCE PERIMYELOGRAPHY

Salaj M, Barinkova L, Drugova B

16:15 – 16:30
IMPACT OF BIOLOGICAL GLUES ON THE VASCULAR WALL IN AORTIC DISSECTION MODEL

Matejka V. M, Tonar Z, Rokosny S, Martinca T, Pirk J, Witter K

16:30 – 16:45
SECONDARY PREVENTION OF COLORECTAL CARCINOMA

Pracná L

17:00 – 18:30 *Holy Hill – trip*

20:00 – 22:30 *Social Party*

RIGHT LECTURE HALL

09:15 – 10:45 **Neuroanatomy**
Chairs: Mokřý J, Druga R.

09:15 – 09:30
PHENOTYPIC AND MORPHOLOGICAL CHARACTERIZATION OF IN VITRO
OLIGODENDROGLOGIENESIS
Mokřý J, Karbanova J, Soukup T, Pazour J, Cizkova D, Filip S

09:30 – 09:45
STEROID HORMONE RECEPTORS IN BRAIN IN RESPECT TO THE
NEURODEGENERATIVE DISEASE
Bezďickova M, Molikova R

09:45 – 10:00
RELATIONSHIP BETWEEN PLASMA HIGH-SENSITIVE C-REACTIVE PROTEIN
CONCENTRATION AND PREDICTIVE FACTORS IN ISCHEMIC STROKE
PATIENTS
Kamaradova D, Vlachova I, Novotny D, Pavlu P, Kanovsky P

10:00 – 10:15
NEURONAL DEGENERATION INDUCED BY STATUS EPILEPTICUS IN THE
THALAMIC RETICULAR NUCLEUS OF IMMATURE RATS.
Druga R, Kubova H, Mares P

10:15 – 10:30
ANTIPHOSPHOLIPID SYNDROM AND RELATIONSHIP TO ISCHEMIC CEREBRAL
STROKE
Pavlu P, Bartkova A, Kamaradova D, Kanovsky P

10:30 – 10:45
THE ROLE OF C-MYB TRANSCRIPTION FACTOR IN MUSCLE REGENERATION
Krejci E, Grim M, Kaspar P

10:45 – 11:00 *Coffee Break*

11:00 – 12:00 **Molecular Morphology**
Chairs: Páč L, Šantavá A.

11:00 – 11:15
EXPRESSION OF POSTERIOR HOXD GENES IN RATS CARRYING THE LX
MUTATION IS ANTERIORIZED
Snajdr P, F Liska, L Sedová, O Seda, B Chyliková, P Slámová, E Krejci, D Sedmera, M Grim, D
Krenová, V Kren

11:15 – 11:30
ORAL TEETH IN EXTANT VERTEBRATES CAN BE DERIVED FROM ECTODERM,
ENDODERM AND/OR EVEN FROM BOTH GERM-LAYERS
Soukup V, H-H Epperlein, Horacek I, Cerny R

11:30 – 11:45
REGULATION OF EMBRYONIC CARDIAC WALL GROWTH AND
VASCULARIZATION BY FGF
Nanka O, Petrovova E, Fikrle M, deAlmeida A, Sedmera D.

11:45 – 12:00
GENE PROFILING OF THE MAXILLARY PROMINENCE AFTER RETINOIC ACID
AND NOGGIN TREATMENT
Buchtova Marcela, Joy M. Richman

12:00 – 13:30 *Lunch*

RIGHT LECTURE HALL

13:30 – 14:30 **Varia II.**
Chairs: Horký D, Bezďicková M.

13:30 – 13:45
DISTRIBUTION OF IRON OXIDE NANOPARTICLES-LABELED BONE MARROW
MONONUCLEAR CELLS IN RABBIT MYOCARDIUM AFTER EXPERIMENTAL
INFARCTION
Horký D, Klabusay M

13:45 – 14:00
MORPHOLOGY AND MECHANICAL PROPERTIES OF SUBRENAL AORTA IN
NORMOTENSIVE AND HYPERTENSIVE RATS
Kochova P, Tonar Z, Matejka V. M., Sviglerova J, Stengl M, Kuncova J

14:00 – 14:15
IMPACT OF TWO DIFFERENT DEPRENYL DOSES ON THE PREIMPLANTATION
EMBRYO DEVELOPMENT IN RATS
Mihalik J, Spakovska T, Prokopeakova L, Schmidtova K

14:15 – 14:30
COLOURED STAINING METHOD AS A SUPPORTIVE TOOL IN SPECIMEN'S
LUCIDITY
Bezďickova M, Bebarova L, Molikova R

RIGHT LECTURE HALL

14:30 – 15:30 Anthropology
Chairs: Riegerová J, Kopecký M.

14:30 – 14:45
ANALYSIS OF ESTIMATION OF BODY COMPOSITION USING BIOIMPEDANCE AND ANTHROPOMETRY METHODS BY MORAVIEN WOMEN IN SENESCENCE AGE
Riegerova J, Pridalova M

14:45 – 15:00
THE RELATIONSHIP BETWEEN MORPHOLOGICAL INDICATORS OF HUMAN BODY AND POSTURE
Molikova R, Bezdickova M, David O, Langová K, Holibka V, Laichman S

15:00 – 15:15
THE ANALYSIS BODY MASS FRACTINATION METHODS ACCORDING TO MATIEGKA'S EQUATIONS OF BOYS AND GIRLS ON PERCENTIL CATEGORIES BMI
Kopecky M, Pridalova M

15:15 – 15:30
THYMUS AS AN INDICATOR OF NEWBORNS NUTRITION STATUS
Varga I, Toth F, Polak S, Pospisilova V, Nescakova E

17:00 – 18:30 *Holy Hill – trip*
20:00 – 22:30 *Social Party*

WEDNESDAY, September 10, 2008

GREAT LECTURE HALL

9:00 – 10:45 **Education programs**
Chairs: Laichman S, Holibková A.

9:00 – 09:15
TOPOGRAPHY OF THE SHOULDER REGION FROM THE ANATOMICAL AND CLINICAL POINT OF VIEW Video cartridge
Holibkova A, Laichman S, Holibka R

09:15 – 09:30
ENGLISH VERSION OF ANATOMICAL VIDEOATLAS
Bezdickova M, Molikova R, Laichman S

09:30 – 09:45
TOPOGRAPHY OF THE HIP JOINT FROM THE ANATOMICAL AND CLINICAL POINT OF VIEW
Video cartridge
Holibkova A, Laichman S, Holibka R

09:45 – 10:00
E –LEARNING IN THE EDUCATION OF RADIOLOGY ANATOMY
Pernicova D

10:00 – 10:15
CREATION OF ANATOMIC MODELS – OUR EXPERIENCES AFTER ONE YEAR OF WORK
Hajek P, Capek L
10:15 – 10:30
ONLINE ATLAS OF QUANTITATIVE METHODS IN HISTOLOGY
Tonar Z, Mašťálková K, Witter K, Nedorost L, Kochová P, Matějka V M, Tomanová V, Kural T

10:30 – 10:45
PHOTOGRAPHIC (INTERACTIVE) ATLAS OF HUMAN ABDOMEN AND PELVIS
Konecny J, Lunacek L, Machalek L, Kikalova K, Molikova R, Bezdickova M, Laichman S

10:45 – 11:00 *Coffee Break*

11:00 – 11:15 *Results Announcement*

11:15 – 12:00 *Closing Ceremony*

12:00 – 13:30 *Lunch*

Morphology 2008

September 8-10, 2008, Olomouc, Czech Republic

POSTERS

Chairs: Vajnar L, Paral V.

1. **EXPRESSION OF ANTIAPOPTOTIC PROTEIN SURVIVIN IN DYSPLASTIC NEVI**
* Adamkov Marian, ** Lauko Ludovit, * Balentova Sona, * Kondekova Margareta, * Resetarova Agata, * Letrichova Monika
*Jessenius Faculty of Medicine in Martin, Comenius University, Institute of Histology and Embryology
**Laboratory of Pathological anatomy, Alpha Medical, a.s., Martin
2. **OMEGA-3 FATTY ACIDS ATTENUATE CONNEXIN-43 ABNORMALITIES IN HYPERTENSIVE AND HYPERTRIGLYCERIDEMIC RATS HEART.**
Bacova B, *Dlugosova K, *Barancik M, **Weismann P, *Okruhlicova L, ***Lin H, *Tribulova N.
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3. **EXOGENOUS FACTORS INDUCED APOPTOSIS IN THE ADULT RAT BRAIN**
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4. **MAPPING OF SONIC HEDGEHOG EXPRESSION DURING DEVELOPMENT OF DIPHYODONT DENTITION**
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5. **COLOURED STAINING METHOD AS A SUPPORTIVE TOOL IN SPECIMEN'S LUCIDITY**
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6. **RESEARCH AIMS IN THE FIELD OF HUNTINGTON DISEASE**
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7. **INFLUENCE OF TUMOR STROMA ON NORMAL KERATINOCYTE MARKER PROFILE**
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8. **VINCENC ALEXANDER BOCHDALEK – 125TH ANNIVERSARY OF HIS DEATH**
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9. **PLEXUS BRACHIALIS IN THE DISSECTION ROOM**
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10. **NESTIN EXPRESSION IN THE INTACT AND REGENERATING SKELETAL MUSCLE OF THE RAT HIND LIMB**
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 11. **MORPHOLOGY OF IN VITRO EXPANDED HUMAN MUSCLE-DERIVED STEM CELLS**
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 12. **NEUROPROTECTIVE ROLE OF PRECONDITIONING ON NEURONS IN THE RABBIT SPINAL CORD**
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 13. **DUB-DYSFUNCTIONAL UTERINE BLEEDING – PRELIMINARY STUDY**
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 14. **HEAT SHOCK PROTEIN RESPONSE IN ISCHEMIC POSTCONDITIONING IN THE RAT HIPPOCAMPUS AND EGB 761 POSTTREATMENT**
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 16. **AN ELECTRON MICROSCOPIC STUDY OF THE HIPPOCAMPUS PROPRIUS**
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 17. **RECENT KNOWLEDGE'S ABOUT URINARY TRACT DEVELOPMENT GENE REGULATION AND ITS ROLE IN REFLUX NEPHROPATHY PATHOGENESIS**
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 18. **THE COMPARISON OF PROGRESSIVE ASTROGLIOSIS DEVELOPING IN HUNTINGTON'S DISEASED PATIENTS AND IN AN ANIMAL MODEL**
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 19. **ACETYLCHOLINESTERASE INHIBITION IN DIFFERENT STRUCTURES OF THE RAT BRAIN FOLLOWING SOMAN INTOXICATION PRETREATED WITH HUPERZINE A**
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20. **VARIATION OF SCIATIC NERVE FORMATION (CASUISTIC).**
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21. **ASSESSMENT OF THE RELATION OF THE OPTIC NERVE TO THE POSTERIOR ETHMOID AND SPHENOID SINUSES BY COMPUTED TOMOGRAPHY**
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22. **DIFFERENT DISTRIBUTION OF MDR PROTEINS IN RENAL CELL CARCINOMA**
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23. **MEDICAL-ANTHROPOLOGICAL ANALYSIS OF BONE REMAINS, SAQQARA (EGYPT)**
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24. **COLLATERALES AND VARIATIONS OF FEMALE PELVIC VESSELS RELATED TO GYNAECOLOGICAL SURGERY**
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25. **PATHOLOGICAL ALTERATIONS OF VARIOUS ORGANS AFTER INTESTINAL ISCHEMIA-REPERFUSION IN RAT**
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26. **A VERY RARE VARIANT IN THE COLON SUPPLY - ARTERIA MESENTERICA MEDIA**
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27. **MISTAKES IN THE USAGE OF THE ANATOMICAL TERMINOLOGY IN CLINICAL PRACTICE**
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28. **INFORMATION ON THE CHANGES IN THE REVISED ANATOMICAL NOMENCLATURE OF THE LOWER LIMB VEINS**
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29. **RELATIONSHIP BETWEEN PLASMA HIGH-SENSITIVE C-REACTIVE PROTEIN CONCENTRATION AND PREDICTIVE FACTORS IN ISCHEMIC STROKE PATIENTS**
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30. **A CONTRIBUTION TO THE ANOMALIES OF THE NECK MUSCLES**
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31. **CHARACTERIZATION OF NO-POSITIVE STRUCTURES IN PERICENTRAL REGION OF ONE DAY OLD RAT SPINAL CORD**
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32. **A SIGNIFICANT DECREASE OF IMMUNOFLOUORESCENCE STAINING FOR IL-6R AND GP130, BUT NOT FOR IL-6 IN THE DORSAL ROOT GANGLIA OF RAT NEUROPATHIC PAIN MODEL FOLLOWING CORTICOID ADMINISTRATION**
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33. **CHANGES OF IMMUNOSTAINING FOR IL-6, IL-6R, AND GP130 IN THE RAT DORSAL ROOT GANGLIA FOLLOWING SCIATIC NERVE LIGATURE**
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34. **ARTERIA CIRCUMFLEXA HUMERI POSTERIOR UNDERPASSING THE TENDON OF MUSCULUS LATISSIMUS DORSI**
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35. **ARTERIA BRACHIORADIALIS – A CASE REPORT**
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36. **PHOTOGRAPHIC (INTERACTIVE) ATLAS OF HUMAN ABDOMEN AND PELVIS**
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37. **QUANTIFICATION OF PAI-1 IN THE CONTROL AND ANEURYSMATIC ABDOMINAL AORTA WALL**
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38. **IMMUNOHISTOCHEMICAL DETECTION OF POSSIBLE MARKERS OF ATRIAL FIBRILLATION IN HUMAN**

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39. MORPHOLOGICAL ALTERATIONS ALLERGIC AIRWAY INFLAMMATION

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40. BONE MARROW STEM CELLS IN PATIENTS WITH CHRONIC MYELOID LEUKEMIA

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41. HEMATOPOIETIC STEM CELL SEPARATION

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42. A REPORT ON AN ANOMALY OF ANSA CERVICALIS PROFUNDA

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43. THE ANTHROPOMETRY OF THE NEWBORNS BORN SINCE JANUARY TO MAY 2008 IN MARTIN

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44. ANTIOXIDANTS ACTIVATE CHANGES IN PROTEINS SYNTHESIS IN THE SPINAL CORD NEURONS AFTER ISCHEMIA-REPERFUSION

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45. THE STUDY OF INFLUENCE OF LOCAL ANESTHETICS ON THE SPINAL NERVE IN THE PERINEURAL APPLICATION

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46. HISTOTOXICITY OF LOCAL ANAESTHETICS – INTRANEURAL APPLICATION

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47. KNEE JOINT – ANATOMICAL PREPARATION OF THE STRUCTURE OF THE MOST COMPOSITE JOINT IN THE HUMAN BODY

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48. STUDY OF THYMIC STRUCTURAL CHANGES OF NEW-BORNS WITH TRANSPOSITION OF THE GREAT VESSELS.

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49. COMPARATIVE ANATOMY OF THE SPLEEN

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***Slovak Univ. of Agricult., Fac. of Agrobiol. and Food Resources, Dept. of Poultry Sci. and Small Animals Husbandry, Nitra

50. CURRENT FINDINGS ON GENETIC REGULATION OF THE UROPOETIC SYSTEM IN FETUS AND ITS SHARE IN THE INCIDENCE OF REFLECTIVE UROPATHY

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51. THE RELATIONSHIP BETWEEN MORPHOLOGICAL INDICATORS OF HUMAN BODY AND POSTURE

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52. WORKING TEAM FOCUSED ON THE DIAGNOSTICS OF HUNTINGTON'S DISEASE

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53. INTERESTING CASE OF SITUS VISCERUM INVERSUS

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54. BIG LYTIC DEFECTS IN CRANIAL VAULTS

Nemeckova Alena, Strouhal Eugen

55. ANTIPHOSPHOLIPID SYNDROM AND RELATIONSHIP TO ISCHEMIC CEREBRAL STROKE

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56. **CLEFT LIP AND PALATE OF THE PIG – A PILOT STUDY**
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57. **MEASUREMENTS OF CELLA MEDIA DISTANCE IN HUMAN BRAIN IN DEPENDENCE OF AGE AND GENDER**
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58. **INTRAUTERINE GROWTH RETARDATION AND HOMOCYSTEINEMIA IN NEWBORNS (PART IN EARLY MANIFESTATION OF ATHEROSCLEROSIS?)**
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59. **EXPRESSION OF XRCC1 IN HUMAN BREAST CARCINOMA**
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60. **COMPARISON BETWEEN THE RESULTS OF CURRENT ASSESMENT AT PRACTICALS AND THE RESULTS OF THE FINAL EXAMINATION IN ANATOMY**
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61. **DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS GROWING IN COLONIES AND IN INTACT BLASTOCYSTS**
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62. **EFFECTS OF L- DEPRENYL ON AUTONOMIC INNERVATION OF THE SMALL INTESTINE**
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63. **THE INFLUENCE OF DEPRENYL ON MONOAMINE OXIDASE ACTIVITY IN THE HYPOTHALAMUS DURING PREGNANCY**
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64. **THERAPY OF TEMPOROMANDIBULAR JOINT HYPERMOBILITY USING AUTOLOGOUS BLOOD**
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65. **PERIODONTAL REGENERATION AFTER TOOTH AUTOTRANSPLANTATION**
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Organizers thank for support of listed companies



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