

**Programme of the 103rd Annual Meeting
Innsbruck, Austria March 14 – 17, 2008**

Main Topic I:

Clinical and functional anatomy of the pelvic
and reproductive organs

Main Topic II:

Anatomy and plasticity of the peripheral nervous system

Papers and posters from all branches of anatomy

Workshops:

Cadaver Lab Equipment
March 15, 2008 – 1:00 p.m.

Cadaver Workshop
March 17, 2008; 10:30 a.m. – 1:00 p.m.

Nikon New Techniques
March 15/16, 2008 – 3:00 p.m.

Meeting Place:

Leopold Franzens University of Innsbruck
SoWi
Universitätsstrasse 15, A- 6020 Innsbruck

Opening Ceremony:

Friday, March 14, 2008 - 6.00 p.m.
Kaiser Leopold Saal - Karl Rahner Platz

Welcome Reception and Get-together

Congress Dinner

Sunday, March 16, 2008 – 7:30 p.m.
Congress Igls

Business Meeting

Saturday, March 15, 2008 – 6:30 p.m.
SoWi Lecture Hall



Friday, March 14, 2008

Kaiser Leopold Saal

Opening Ceremony

6.00 p.m.

Words of Welcome

President of the Anatomische Gesellschaft
Professor Dr. med. Eveline Baumgart-Vogt

DDr. Herwig van Staa
Governor of the Tirol

Hildegard Zach
Mayor Innsbruck

Professor Dr. Clemens Sorg
Rector Medical University

Musical Interlude

Opening Ceremony Lecture

Professor Dr. Eveline Baumgart Vogt

Roots for and Routes to the Future

Bargmann Prize Award

Lecture(s) of Laureate(s)

Musical Finale

Welcome Reception and Get-together

Saturday, March 15, 2008

AULA

<i>Main Topic I, Session I</i>	08:30 – 10:30
<i>Main Topic I, Session II</i>	11:00 – 12:30
<i>Main Topic I, Session III</i>	14:30 – 16:45
<i>Poster Session I</i>	16:45 – 18:30

08:30 – 10:30

MT I - Session I

Chair: Fritsch H, Innsbruck (Austria)

08:30

1

Bartsch G, Innsbruck (Austria)

Oncological surgery in urology: How to reduce morbidity – Anatomical approach.

09:00

2

Risbridger GP, Taylor R, Cunha GR, Melbourne (Australia)

Prostatic stem cell regulation in health and disease.

09:30

3

Höckel M, Leipzig (Germany)

Embryologic development, tumor spread and the new principle of radical surgical treatment. Total mesometrial resection

10:00

4

Naora H, Houston (USA)

Homeobox genes: Linking embryogenesis and tumorigenesis of “epithelial cancers”

10:30 – 11:00

COFFEE BREAK

11:00 – 12:30

MT I - Session II

Chair: Meinhardt A, Giessen (Germany)

11:00

5

Albrecht M, Schell M, Mayer C, Schwarzer J, Frungieri M, Mayerhofer A, Munich (Germany) / Buenos Aires (Argentina)

Regulation of human testicular peritubular cells by TNFalpha

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- 11:15** 6 **Kosova M, Mueller D, Bargheer O, Middendorff R, Giessen (Germany)**
Mechanisms of generation of Leydig cell toxic H₂O₂ by ascorbic acid
- 11:30** 7 **Nenicu A, Crane D, Guillou F, Baumgart-Vogt E, Giessen (Germany) / Brisbane (Australia) / Tours (France)**
Peroxisome deficiency in Sertoli cell-specific PEX13-knockout mice leads to complete loss of germ cells and azoospermia
- 11:45** 8 **Brehm R, Zeiler M, Winterhager E, Willecke K, Guillou F, Steger K, Bergmann M, Giessen / Bonn / Essen (Germany) / Tours (France)**
Loss of connexin43 in Sertoli cells seems not to be associated with functional impairment of blood-testis barrier formation in mice
- 12:00** 9 **Gashaw I, Boeing C, Kimmig R, Winterhager E, Essen (Germany)**
Estrogenic regulation of cyr61 in endometriotic lesions
- 12:15** 10 **Wolf N, Schmidt M, Dunk C, Frede S, Winterhager E, Gellhaus A, Essen (Germany) / Toronto (Canada)**
Regulation of CCN proteins CYR61 (CCN1) and NOV (CCN3) in human trophoblast cells under hypoxia
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12:30 – 14:30**L u n c h****14:30 – 16:45****MT I - Session III****Chair: Spaniel-Borowski K, Leipzig (Germany)**

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- 14:30** 11 **Kirchner T, Munich (Germany)**
Morphogenesis in colorectal cancer
- 15:00** 12 **Zehm S, Aigner F, Fritsch H, Innsbruck (Austria)**
Epithelial development of the human anorectum: conventional histologic and immunohistochemical findings

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- | | |
|--------------|---|
| 15:15 | 13 <i>Aigner F, Gruber H, Conrad F, Eder J, Fritsch H, Innsbruck (Austria)</i>
The vascular nature of hemorrhoids |
| 15:30 | 14 <i>Kneist W, Herrmann M, Mainz / Ulm (Germany)</i>
Morphologic conditions for nerve-sparing surgery of pelvic organs |
| 15:45 | 15 <i>Shiozawa T, Skutella T, Wallwiener D, Reisenauer C, Tübingen (Germany)</i>
Unilateral ischiadic nerve lesion after pelvic floor reconstruction (Prolift GyneCare Total®): case report and anatomical study |
| 16:00 | 16 <i>Reisenauer C, Shiozawa T, Kirschniak A, Drews U, Wallwiener D, Tübingen (Germany)</i>
Anatomical conditions for pelvic floor reconstruction with polypropylene implant and its application for the treatment of vaginal prolapse |
| 16:15 | 17 <i>Oswald J, Richter E, Longato S, Brenner E, Radmayr C, Bartsch G, Fritsch H, Innsbruck (Austria)</i>
Reevaluation of the fetal muscle development of the vesical trigone |
| 16:30 | 18 <i>Radmayr C, Oswald J, Richter E, Longato S, Brenner E, Bartsch G, Fritsch H, Innsbruck (Austria)</i>
Gender-related development of the internal urethral sphincter and bladder outlet in human fetuses provides evidence of a transient fetal infravesical obstruction in male fetuses |
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16:45 – 18:30***Poster Session I*****18:30 – 19:30*****Business Meeting Anatomische Gesellschaft***

Saturday, March 15, 2008

HS1

<i>Experimental Morphology / Immune Biology</i>	11:00 – 12:30
<i>Neuroanatomy I</i>	14:30 – 16:30
<i>Poster Session I</i>	16:45 – 18:30

11:00-12:30 Experimental Morphology / Immune Biology

Chair: Rothkötter HJ, Magdeburg (Germany)

- 11:00** 19 **May C, May A, Dresden (Germany)**
Shape of the ciliary processes in the mouse eye
- 11:15** 20 **Engelke W, Knoesel M, Fanghänel J, Kubein-Meesenburg D, Naegerl H, Göttingen / Greifswald (Germany)**
Orofacial functional compartments – Background and experimental evidence
- 11:30** 21 **Hesse B, Schilling N, Fischer M, Froeber R, Jena (Germany)**
The function of the lumbar perivertebral musculature – Implications by the distribution of muscle fibre types
- 11:45** 22 **Tschernig T, Hartwig C, Mazzega M, Constabel H, Gessner E, Behrens G, Hannover (Germany)**
Antigen uptake by dendritic cells – impact on lung inflammation in asthma
- 12:00** 23 **Karnati S, Baumgart-Vogt E, Giessen (Germany)**
Severe metabolic disturbances in Clara cells and alveolar epithelial cells due to peroxisome deficiency in the lung of PEX11beta-knockout mice
- 12:15** 24 **Brandenburg L, Varoga D, Nicolaeva N, Leib S, Lucius R, Podschun R, Wruck C, Pufe T, Aachen / Kiel (Germany) / Bern (Switzerland)**
Expression and regulation of antimicrobial peptide rCRAMP after bacterial infection in primary rat meningeal cells
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12:30 – 14:30

L u n c h

14:30 - 16:30 Neuroanatomy I**Chair: Britsch S, Ulm (Germany)**

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- 14:30** 25 **Hoeltje M, Hofmann F, Muenster-Wandowski A, Just I, Ahnert-Hilger G, Berlin / Hannover (Germany)**
A Clostridium botulinum C3 protein-derived peptide exerts neurotrophic activity by promoting neurite outgrowth and synaptic connectivity
- 14:45** 26 **Schultz C, Sobotzik J, Del Turco D, Deller T, Frankfurt (Germany)**
Organotypic cerebellar slice cultures of ankyrinG-deficient mice as a tool to study molecular and cellular mechanisms of neuronal polarity
- 15:00** 27 **Heimrich B, Guelzow T, Ackermann A, Staeheli P, Schneider U, Freiburg (Germany)**
EGFP-tagged borna disease virus – a new tool for monitoring structural alternations of infected neurons in the hippocampus
- 15:15** 28 **Prange-Kiel J, Jarry H, Schoen M, Kohlmann P, Lohse C, Zhou L, Spergel D, Rune G, Hamburg / Göttingen (Germany) / Chicago (USA)**
Gonadotropin-releasing hormone regulates spine density via its regulatory role in hippocampal estrogen synthesis
- 15:30** 29 **Bender R, Zhou L, Paysen D, Lanowski J, Rune G, Hamburg (Germany)**
Estradiol stimulates expression of reelin in hippocampal Cajal-Retzius cells
- 15:45** 30 **Kipp M, Acs P, Komoly S, Beyer C, Aachen (Germany) / Pecs (Hungary)**
Estrogen/progesterone prevent demyelination and affect oligodendrocyte function in an experimental multiple sclerosis mouse model

16:00 31 ***Arnold S, Singh S, Wright de Araújo G, Misiak M, Roemgens A, Beyer C, Aachen (Germany)***

Estrogen protects neural cells by regulating mitochondrial function

16:15 32 ***Rune G, Zhou L, Fester L, von Bittersdorf B, von Hacht R, Hassu B, Nogens H, Jarry H, Hamburg / Göttingen (Germany)***

Therapy of breast cancer with aromatase inhibitors: implications for cognition?

16:45 – 18:30 ***Poster Session I***

18:30 – 19:30 ***Business Meeting Anatomische Gesellschaft***

Sunday, March 16, 2008

AULA

Main Topic II, Session I

08:30 – 11:00

Main Topic II, Session II

11:00 – 12:45

Poster Session II

16:30 – 18:30

08:30 – 10:30

MT II – Session I

Chair: Klimaschewski, L, Innsbruck (Austria)

08:30

33

Neuhuber W, Erlangen (Germany)

Vagus all over? But be careful!

09:00

34

Dechant G, Innsbruck (Austria)

Transmitter specification in the sympathetic nervous system

09:30

35

Kress M, Innsbruck (Austria)

The DRG neuron: a model to study somatosensory transduction and transformation

10:00

36

Martini R, Würzburg (Germany)

The impact of the immune system in genetically-mediated demyelination

10:30 – 11:00

Coffee break

11:00 – 12:45

MT II – Session II

Chair: Timmermans JP, Antwerp (Belgium)

11:00

37

Neiss WF, Barham M, Andermahr J, Slawiska U, Cologne (Germany) / Warsaw (Poland)

Nerve damage and repair of the hindlimb – it is all about walking

11:15

38

Haastert K, Chaturvedi S, Haile Y, Grothe C, Hanover (Germany)

An overview on alternative cell based strategies to increase peripheral nerve regeneration across long gaps

11:30	39	<p><i>Jungnickel J, Hellriegel H, Bronzlik P, Timmer M, Grothe C, Eckhardt M, Hannover / Bonn (Germany)</i> Polysialic acid is critical for structural and functional recovery after sciatic nerve crush in dependence to the expression level in different cell types</p>
11:45	40	<p><i>Hausott B, Innsbruck (Austria)</i> Effects of enhanced FGF receptor signaling on axonal growth</p>
12:00	41	<p><i>Hendrix S, Picker B, Peters E, Berlin (Germany)</i> Experimental inflammation promotes the regeneration of skin nerves</p>
12:15	42	<p><i>Pavlov S, Grosheva M, Guntinas-Lichius O, Irintchev A, Sinis N, Dunlop S, Angelov D, Varna (Bulgaria)/ Cologne / Jena / Tübingen (Germany) / Perth (Australia)</i> Manually-stimulated recovery of motor function after facial nerve injury requires intact sensory input</p>
12:30	43	<p><i>Meier C, Li J, Rash JE, Dermietzel R, Bochum (Germany)/Fort Collins (USA)</i> Gap junctions in the Schwann cell lineage</p>

12:45 – 14:30

L U N C H

14:30 – 16:30

MT II – Session III

Chair: Korf HW, Frankfurt (Germany)

14:30 44

Unsicker K, Heidelberg (Germany)

Sympathetic neuronal and chromaffin progenitors of the neural crest: how similar, how different?

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- 15:00** 45 **Schuetz B, von Engelhardt J, Goerdes M, Schaefer M, Eiden L, Monyer H, Weihe E, Marburg / Heidelberg (Germany) / Bethesda (USA)**
Sympathetic innervation of sweat glands is pioneered by cholinergic neurons in the mouse
- 15:15** 46 **Lips K, Wesch D, Clauss W, Koenig P, Pfeil U, Krasteva G, Spies M, Haberberger R, Miwa J, Heintz N, Ibanez-Tallon I, Kummer W, Fronius M, Giessen / Luebeck / Berlin (Germany) / Adelaide (Australia) / New York (USA)**
Heteropentameric $\alpha_7\alpha_{10}$ -nicotinic acetylcholine receptors are modulated via binding of lynx1 to α_{10} -subunit
- 15:30** 47 **Schaefer K, Kaiserslautern/Zweibrücken (Germany)**
In vitro approaches to the enteric nervous system
- 15:45** 48 **Van Ginneken C, Antwerp (Belgium)**
Dietary-dependent changes in the enteric nervous system of premature piglets. A potential model for necrotizing enterocolitis
- 16:00** 49 **Schwarz L, Klotz M, Schaefer K, Kaiserslautern/Zweibrücken (Germany)**
Interaction of the enteric nervous system and the gastrointestinal mucosal barrier
- 16:15** 50 **Bareiss P, Marco M, Haeussler E, Obermayr F, Wagner S, Skutella T, Just L, Tübingen (Germany) / London (UK)**
Frizzled-4: A cell-surface marker for isolation of human neural cells from the enteric nervous system
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16:30 – 18:30**Poster Session II**

Sunday, March 16, 2008

HS1

Main Topic I, Session IV

11:00 – 12:30

Developmental Biology

14:30 – 16:30

Poster Session II

16:30 – 18:30

11:00 – 12:30

Main Topic I – Session IV

Chair: Winterhager E, Essen (Germany)

11:00 51 ***Thieme R, Ramin N, Fischer B, Navarrete Santos A, Halle (Germany)***

Wnt4 expression depends on insulin and IGF1 in the rabbit blastocysts

11:15 52 ***Koch D, Ricken A, Hummitzsch K, Erdmann S, Sakurai M, Spanel-Borowski K, Leipzig (Germany) / Tsukuba (Japan)***

Presence of different KIT receptor forms in the bovine corpus luteum

11:30 53 ***Hueller H, Vilser C, Nowicki M, Blumenauer V, Hmeidan F, Jogschies P, Spanel-Borowski K, Leipzig (Germany)***

OxLDL induces apoptosis or autophagy in granulosa cell subtypes

11:45 54 ***Ricken A, Hummitzsch K, Kloß D, Erdmann S, Nowicki M, Rothermel A, Robitzki A, Spanel-Borowski K, Leipzig (Germany)***

Spheroids of bovine granulosa cells as in vitro model for luteolysis

12:00 55 ***Wruck C, Pufe T, Kaufmann P, Huppertz B, Kadyrov M, Aachen (Germany) / Graz (Austria)***

Placental transcription factor Nrf2 expression is altered in preeclampsia

12:15 56 ***Kokozidou M, Kadyrov M, Wruck C, Bradenburg L, Kaufmann P, Pufe T, Aachen (Germany)***

Complex patterns of ADAM12 mRNA and protein variants in the human placenta

12:30 – 14:30

LUNCH

14:30 – 16:30 **Developmental Biology****Chair: Drenckhahn D, Würzburg (Germany)**

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|--------------|----|---|
| 14:30 | 57 | Viebahn C, Pueschel B, Göttingen (Germany)
Mitochondria and mammalian germ cells: endosymbiosis in a bottleneck? |
| 14:45 | 58 | Kurz H, Szczerba D, Nitschke R, Szekely G, Salzburg / Zuerich (Switzerland) / Freiburg (Germany)
Biochemical maturation of the chorioallantoic membrane is essential for emergence and stability of bifurcations |
| 15:00 | 59 | Pieles G, Geyer S, Szumska D, Schneider J, Neubauer S, Clarke K, Dorfmeister K, Franklyn A, Brown S, Bhattacharya S, Weninger W, Oxford (UK)/ Vienna (Austria)
Phenotyping mutant mouse embryos with the microMRI-HREM pipeline |
| 15:15 | 60 | Csaki C, Mobasher A, Matis U, Putz R, Shakibaei M, Munich (Germany) / Nottingham (UK)
Osteogenesis through high-density co-culture of osteoblasts with mesenchymal stem cells |
| 15:30 | 61 | Crivii C, Szabo B, Cluj-Napoca (Romania)
Apoptosis in limb development |
| 15:45 | 62 | Blumer M, Longato S, Schwarzer C, Fritsch H, Innsbruck (Austria)
The formation and role of cartilage canals in the mice femur |
| 16:00 | 63 | Dai F, Runkel E, Morosan-Puopolo G, Rehim R, Zhao W, Yusuf F, Bonafede A, Gamel A, Brand-Saberi B, Freiburg (Germany)
The bHLH transcription factor ATOH8 is involved in early myogenesis |
| 16:15 | 64 | Wachowski MM, Spiering S, Lee C, Mansour M, Endlich KH, Kubein-Meesenburg D, Naegerl H, Göttingen / Greifswald (Germany)
Postnatal spine development: Biomechanical meaning |
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16:30 – 18:30**Poster Session II**

<i>Gross Anatomy / Clinical Anatomy I</i>	08:30 – 10:00
<i>Gross Anatomy / Clinical Anatomy II</i>	10:30 – 11:30
<i>Poster Session III</i>	11:30 – 12:30
<i>Gross Anatomy / Clinical Anatomy III</i>	14:00 – 16:00
<i>Closing Ceremony</i>	16:00

08:30 – 10:00 **Gross Anatomy I**

Chair: Tschernig T, Hannover (Germany)

08:30 65 **Steinke H, Saito T, Miyaki T, Itoh M, Spanel-Borowski K, Leipzig (Germany) / Tokyo (Japan)**

The spinal nerve's dorsal three branchings in the lumbar region

08:45 66 **Rusu MC, Maru M, Nimigean V, Ivascu RV, Cluluvica R C, Bucharest (Romania)**

The lingual nerve revisited – a pictorial review

09:00 67 **Muehlberger-Reisinger D, Morandini L, Brenner E, Innsbruck (Austria)**

Venous valves near the saphenofemoral junction

09:15 68 **Brenner E, Putz D, Moriggl B, Innsbruck (Austria)**

Morphological basics of a positive Kaposi-Stemmer-sign

09:30 69 **Schweighofer G, Muehlberger-Reisinger D, Brenner E, Innsbruck (Austria)**

Small saphenous vein – valves and topographical anatomy at the saphenopopliteal junction

09:45 70 **Eckstein F, Hudelmair M, Wirth W, Cahue S, Marshall M, Sharma L, Salzburg (Austria)/ Ainring (Germany) / Chicago (USA)**

Regional cartilage loss in patients with neutral, valgus and varus alignment of the knee – an in vivo MRI based study

10:00 – 10:30

COFFEE BREAK

10:30 – 11:30 Gross Anatomy II**Chair: Eckstein F, Salzburg (Austria)****10:30 71 Fatu C, Fatu I, Huma M, Antohe D, Varlam H, Puisoru M, Iasi (Romania)**

Lymphoscintigraphy for sentinel node detection in breast cancer

10:45 72 Didilescu A, Enache M, Galie N, Dimcevici-Poesina N, Podoleanu E, David D, Spinu T, Bucharest (Romania)

Dental and maxillary anomalies in a Romanian sample of patients with cleft lip alveolus

11:00 73 Szabo B, Szabo I, Cluj Napoca (Romania)

The anatomy of the orbit in multi slice spiral ct volume rendering 3D–reconstruction

11:15 74 Kubein-Meesenburg D, Thieme K, Weber S, Gedrange T, Fanghaenel J, Ihlow D, Knoesel M, Naegerl H, Goettingen (Germany) / Greifswald (Germany)

Investigation of the alignment of the mandible and the cervical spine to the skull

11:30 – 12:30**Poster Session III****12:30 – 14:00****LUNCH****14:00 – 16:00 Gross Anatomy III****Chair: Pufe T, Aachen (Germany)****14:00 75 Knoesel M, Engelke W, Gripp-Rudolph L, Fanghaenel J, Naegerl H, Kubein-Meesenburg D, Goettingen / Greifswald (Germany)**

Human incisor inclination adjustment according to natural craniofacial standards

14:15 76 Antohe I, Antohe D, Varlam H, Moraru M, Iasi (Romania)

Functional organization of vidian nerve

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- 14:30** 77 ***Antohe D, Antohe I, Puisoru M, Fatu C, Varlam H, Iasi (Romania)***
Anatomical landmarks for sphenoidal sinus endoscopy
- 14:45** 78 ***Moraru M, Varlam H, Fatu C, Antohe I, Antohe D, Iasi (Romania)***
Anatomofunctional study of Glaserian fissure
- 15:00** 79 ***Naegerl H, Frosch K, Wachowski M, Fanghaenel J, Kubein-Meesenburg D, Goettingen (Germany) / Greifswald (Germany)***
A novel total knee replacement with natural roll-back – in vivo functional measurements
- 15:15** 80 ***Dumont C, Kubein-Meesenburg D, Albus G, Endlich K, Fanghaenel J, Stuermer K M, Dathe H, Naegerl H, Goettingen (Germany) / Greifswald (Germany)***
Morphology of the proximal interphalangeal joint and impact of surface incongruity on joint function
- 15:30** 81 ***Meng S, Geyer S, Da F, Costa L, Mueller G, Reiter C, Weninger W, Vienna (Austria) / São Carlos (Brazil)***
Mathematical comparison of the shape of the adult and infant parasellar internal carotid artery (pICA)
- 15:45** 82 ***Mueller-Gerbl M, Eimannsberger A, Fertmann-Matsuura M, Weisser S, Linsenmaier U, Basel (Switzerland) / Munich (Germany)***
Regional variations in microarchitecture, bone density and endplate mineralization within the cervical vertebrae
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16:00***Closing Ceremony*****AULA**

<i>Cell Biology I</i>	08:30 – 10:00
<i>Cell Biology II</i>	10:30 – 11:30
<i>Poster Session III</i>	11:30 – 12:30
<i>Neuroanatomy/Neurobiology II</i>	14:00 – 16:00
<i>Closing Ceremony (AULA)</i>	16:00

08:30-10:00 *Cell Biology I*

Chair: Ergün S, Essen (Germany)

- 08:30** 83 ***Pufe T, Wruck C, Brandenburg L, Varoga D, Kokozidou M, Kadyrov M, Aachen (Germany) / Kiel (Germany)***
 VEG-expression in osteonecrosis of the femoral head
- 08:45** 84 ***Schlegel N, Baumer Y, Drenckhahn D, Waschke J, Wuerzburg (Germany)***
 LPS-induced endothelial barrier breakdown is caused by a decrease of cAMP leading to Rac 1 inactivation and loss of claudin 5
- 09:00** 85 ***Frese S, Pesta D, Sailer J, Boelck B, Bloch W, Cologne (Germany)***
 Single cell-specific gene expression analysis in human skeletal muscle by combining laser microdissection and quantitative RT-PCR
- 09:15** 86 ***Heupel W, Efthymiadis A, Drenckhahn D, Waschke J, Wuerzburg (Germany)***
 Dissecting the role of steric hindrance in pemphigus pathogenesis with peptides targeting the desmoglein adhesive interface
- 09:30** 87 ***Pohl M, Bader M, Willnow T, Hoffmann S, Gretz N, Harrison-Bernard L, Bachmann S, Theilig F, Berlin / Heidelberg (Germany) / New Orleans (USA)***
 Localization and processing of the components of the renin angiotensin system (RAS) in renal epithelia
- 09:45** 88 ***Mutig K, Kahl T, Nedvetsky P, Paliege A, Mengwasser J, Boehlick A, Bachmann S, Berlin (Germany)***
 Short term effects of vasopressin (AVP) include modification of the turnover of essential membrane transport proteins

10:00 – 10:30

COFFEE BREAK

10:30 – 11:30 *Cell Biology II**Chair: Huppertz B, Graz (Austria)*10:30 89 **Rafiq A, Paddenberg R, Pfeil U, Brueggmann D, Kummer W, Giessen (Germany)**

Catecholamine biosynthesis and its hypoxic regulation in vascular cells

10:45 90 **Singer B, Muturi H, Scheffrahn I, Tilki D, Erguen S, Essen (Germany) / Munich (Germany)**

Identification and functional characterization of novel soluble forms of human ceacam1

11:00 91 **Banaz-Yasar F, Steffen G, Hauschild J, Singer B, Schumann G, Erguen S, Essen / Hamburg / Langen (Germany)**

The impact of LINE-1 mediated retrotransposition events in vascular endothelial cells and angiogenesis

11:15 92 **Mueller R, John T, Kohl B, Schulze-Tanzil G, Berlin (Germany)**

Effects of interleukin-10 overexpression in two- and three-dimensional chondrocyte cultures

11:30 – 12:30

Poster Session III

12:30 – 14:00

L U N C H

14:00 – 16:00 *Neuroanatomy II**Chair: Prange-Kiel J, Hamburg and Haastert K, Hannover (Germany)*14:00 93 **Chaturvedi S, Grothe C, Haastert K, Hannover (Germany)**

Adult human Schwann cells (ahscs): Alternative cell-based strategy to enhance peripheral nerve regeneration across long nerve gaps

14:15 94 **Blumer R, Roland B, Vienna (Austria)**

Palisade Endings: Cholinergic sensory organs or effector organs

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- 14:30** 95 ***Brunk I, Blex C, Sanchis-Segura C, Sternberg J, Perreau-Lenz S, Bilbao A, Hoernagl H, Juranek J, Birnbaumer L, Spanagel R, Ahnert-Hilger G, Berlin / Mannheim (Germany) / Berlin / NIH Bethesda (USA)***
Deletion of Ggo2alpha results in altered behavioural response following cocaine treatment due to imbalanced dopamine storage
- 14:45** 96 ***Bueno-Lopez J, Mendizabal-Zubiaga J, Chara J, Reblet C, Leioa (Spain)***
Layer V/VI spiny inverted neurons
- 15:00** 97 ***Kirsch M, Mueller M, Bechstein M, Flubacher A, Hofmann H, Haas C, Freiburg (Germany)***
Activation of astrocytes by CNTF-injection prevents development of recurrent seizures in a mouse model of temporal lobe epilepsy
- 15:15** 98 ***Yasuo S, Von Gall C, Christ E, Korf HW, Frankfurt/M (Germany)***
Rhythmic expression of clock genes in the ependymal cell layer of the third ventricle: Possible role for the photoperiodic response of gonads in mammals
- 15:30** 99 ***Koch M, Kreutz S, Boettger C, Ghadban C, Korf H W, Dehghani F, Frankfurt/M (Germany)***
2-arachidonoylglycerol elicits neuroprotective effects via its action on abnormal cannabidiol-sensitive receptors on microglial cells
- 15:45** 100 ***Ahlemeyer B, Baumgart-Vogt, Giessen (Germany)***
Studies on the pathomechanism of neurodegeneration in peroxisomal biogenesis disorders
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16:00***Closing Session******AULA***

MAIN TOPIC I

- P1 **Steffl M, Schweiger M, Amselgruber W, Stuttgart (Germany)**
Locally expressed TGF beta3 in squamous metaplasia: an incidental finding in the porcine oviduct epithelium
- P2 **Noreikat K, Kummer W, Kölle S, Giessen (Germany)**
Structural and functional characterization of ampulla and isthmus in the mouse oviduct
- P3 **Wolff M, Lips K, Kölle S, Kummer W, Giessen (Germany)**
Muscarinic and nicotinic acetylcholine receptor subtypes in the mouse oviduct
- P4 **Kenngott R, Vermehren M, Sinowatz F, Munich (Germany)**
Laser capture microdissection and qPCR as tools to study gene expressions in the bovine oviduct
- P5 **Klein R, Winterhager E, Gashaw I, Essen (Germany)**
The pro-angiogenic factor CYR61 is regulated by EGF and estrogen activated pathways in endometrial cells
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- P79 **Kunz M, Cahue S, Marshall M, Wirth W, Hudelmaier M, Sharma L, Eckstein F, Salzburg (Austria) / Chicago (USA) / Ainring (Germany)**
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“To think is better than to know, but minor than to see.”
(J.W. Goethe)
- P87 **Slesarenko N, Gasanguseynova E, Kapustin R, Moscow/ Maiskii Belgorodskoi oblasti (Russia)**
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- P94 ***Nakayama A, Riesen I, Koellner B, Segner H, Eppler E, Bern/ Greifswald-Insel Reims (Germany) / Zürich (Switzerland)***
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MAIN TOPIC II AND NEUROBIOLOGY

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- P102 **Simon K, Steffl M, Schweiger M, Amselgruber W, Stuttgart (Germany)**
Vomeronasal organ in pigs: topographical variation of epithelial lining and irregular distribution pattern of olfactory neurons
- P103 **Boemmel H, Asan E, Würzburg (Germany)**
Ciliary neurotrophic factor synthesis and neurite growth in cocultures of olfactory receptor neurons and olfactory ensheathing cells
- P104 **Arnold S, Sihnh S, Misiak M, Beyer C, Aachen (Germany)**
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- P105 **Boettger C, Kreutz S, Ghadban C, Korf HW, Dehghani F, Koch M, Frankfurt am Main (Germany)**
Palmitoylethanolamide exerts neuroprotective effects in excitotoxically lesioned organotypic hippocampal slice cultures via peroxisome proliferator-activated receptor-alpha
- P106 **Hofmann HD, Leemhius J, Kirsch M, Meyer DK; Freiburg (Germany)**
Signaling via the jak/stat pathway inhibits morphological differentiation in neural cells
- P107 **Von Bohlen und Halbach O, Unsicker K, Heidelberg (Germany)**
Neurogenesis within the adult gyrus dentatus of mice: Involvement of p75 receptors

- P108 **Lindhorst T, Kurz H, Sibbe M, Frotscher M, Foerster E, Freiburg / Hamburg (Germany) / Salzburg (Austria)**
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- P109 **Goblet S, Schwemmler M, Schmid S, Heimrich B, Freiburg (Germany)**
Infection of rats with Borna disease virus results in a decrease of reelin expressing Cajal-Retzius cells in the dentate gyrus
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Aromatase activity is essential for the induction of LTP in hippocampal slice cultures
- P112 **Koenig A, Kohlmann P, Jarry H, Rune G, Prange-Kiel J, Hamburg / Goettingen (Germany)**
Luteneizing hormone influences synaptic plasticity by stimulation of hippocampal estradiol synthesis
- P113 **Ossig C, Labitzke J, Kornek T, Fester L, Rune G, Hamburg (Germany)**
Auto/paracrine regulation of aromatase activity in hippocampal neurons
- P114 **Dudzinski D, Glatzel M, Rune G, Prange-Kiel J, Hamburg (Germany)**
Is neuronal aromatase activity neuroprotective in Alzheimer's disease?
- P115 **Lorenz L, Misiak M, Beyer C, Kipp M, Aachen (Germany)**
Combined estrogen and progesterone treatment prevents neuronal cell injury caused by serum-glucose deprivation
- P116 **Bode F, Straub R, Nguyen H, Riess O, Raber K, Bauer A, Petersén Á, Von Hoersten S, Stephan M, Hannover / Regensburg / Tübingen / Erlangen / Düsseldorf (Germany) / Lund (Sweden)**
Transgenic rats as a model of Huntington's disease demonstrate sex-specific differences

- P117 **Stoevesandt D, Stock K, Spielmann R, Heine H, Paulsen F, Bräuer L, Halle (Germany)**
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- P122 **Rauch U, Wink E, Hagl C, Schaefer K, Mannheim (Germany)**
Effects of TGFbeta-family members on rat ENS neurons in vitro
- P123 **Mohr R, Bareiss O, Skutella T, Just L, Tübingen (Germany)**
The influence of 3,5,6-triiodothyronine on neural progenitor cells of the enteric nervous system
- P124 **Paech T, Strelau J, Unsicker K, Peterziel H, Heidelberg (Germany)**
Stromal cell-derived factor-1 mediates dopaminergic neuron survival via cxcr4 in vitro
- P125 **Peterziel H, Paech T, Klar A, Unsicker K, Heidelberg (Germany) / Jerusalem (Israel)**
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- P126 **Lay C, Blumer R, Vienna (Austria)**
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- P127 **Lambertz D, Hoheisel U, Mense S, Heidelberg (Germany)**
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- P128 **John V, Hoheisel U, Taguchi T, Mense S, Heidelberg (Germany)**
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- P129 **Auer M, Hausott B, Klimaschewski L, Innsbruck (Austria)**
Expression and regulation of Sef, a novel inhibitor of FGF signaling, in sensory neurons and PC12 cells
- P130 **Ivascu RV, Rusu MC, Nimigean V, Ciuluvica RC, Bucharest (Romania)**
The trigeminal nerve – an anatomical survey
- P131 **Rusu MC, Nimigean V, Ivascu RV, Ciuluvica RC, Bucharest (Romania)**
The superior anterior alveolar nerve and the upper segment of canalis sinuosus of wood jones
- P132 **Kiryakova S, Grosheva M, Schuetz U, Soenchen J, Marinova T, Angelova S, Angelov D, Cologne (Germany)**
Accurate muscle reinnervation and subsequent recovery of motor function after facial nerve injury require insulin-like growth factor 1 (IGF-I)
- P133 **Soenchen J, Grosheva M, Kiryakova S, Angelova S, Schuetz U, Angelov D, Cologne (Germany)**
Recovery of vibrissal motor performance after facial nerve repair requires brain-derived neurotrophic factor (BDNF)
- P134 **Grosheva M, Guntinas-Lichius O, Angelova S, Streppel M, Angelov D, Cologne / Jena (Germany)**
Stabilization of microtubules with taxol improves quality of muscle reinnervation and recovery of function after facial nerve repair in rats

- P135 **Schweigert P, Engenieva E, Pavlov S, Guntinas-Lichius O, Angelova S, Radeva V, Angelov D, Cologne (Germany) / Sofia / Varna (Bulgaria) / Jena (Germany)**
Manual stimulation of the suprahyoid-sublingual region diminishes poly-innervation of the motor end-plates and improves recovery of function after hypoglossal nerve injury in rats
- P136 **Bischoff A, Grosheva M, Guntinas-Lichius O, Horn F, Genchev B, Angelov D, Cologne / Jena (Germany)**
Improved eye closure after facial nerve repair and manual stimulation of the orbicularis oculi muscle in rats
- P137 **Sinin N, Guntinas-Lichius O, Pavlov S, Schaller H, Angelov D, Tübingen / Jena / Cologne (Germany) Varna (Bulgaria)**
Manual stimulation of forearm muscles does not improve recovery of motor function after injury to a mixed peripheral nerve
- P138 **Altun U, Ucar Y, Sarikciogly L, Gokhan G, Gurer I, Antalya (Turkey)**
Donor nerve grafts in upper limb: histological and morphometric characteristics
- P139 **Diaconescu I, Lupu G, Cristea B, Bucharest (Romania)**
Anatomic variation of the median nerve and clinical significance
- P140 **Maier S, Mader K, Gobulev V, Koebke J, Penning D, Angelov D, Cologne (Germany)**
Impact of neurolysis, nerve transposition and epicondylectomy on the physiology and morphology of the scarred ulnar nerve during mechanical distraction of the elbow joint in rabbits
- P141 **Nowicky M, Schmidt W, Wagner M, Punkt K, Kosacka J, Ruschke K, Blühler M, Spanel-Borowski K, Leipzig (Germany)**
Morphological changes of the sciatic nerve in genetically obese (ob/ob) mice are associated with altered endoneural microvessels

- P142 **Sarikcioglu L, Demirel B, Utuk A, Yildirim F, Antalya (Turkey)**
Effect of wide and narrow stripping of the vasa nervorum in rat sciatic nerve: the role of muscular perforators
- P143 **Sarikcioglu L, Demirel B, Utuk A, Yildirim F, Antalya (Turkey)**
Contribution of the popliteal artery in the blood supply of the sciatic nerve in rat

CELL BIOLOGY

- P144 **Busch A, Kiel , Hübner S, Würzburg (Germany)**
Aberrant subcellular localization, altered protein dynamics and dysmorphic nuclei associate with laminopathy-causing lamin A mutants
- P145 **Beck A, Richter E, Morell J, Okun J, Gould S, Baumgart-Vogt E, Giessen / Heidelberg (Germany) / Baltimore (USA)**
Mistargeting of peroxisomal proteins into distinct subcellular compartments in peroxisomal biogenesis disorders: PEX19-KO mice as a new model system
- P146 **Qian G, Baumgart-Vogt E, Giessen (Germany)**
Strong alterations of the peroxisomal compartment during osteoblast differentiation and osteocycle development
- P147 **Karnati S, Baumgart-Vogt E, Giessen (Germany)**
Pathological consequences of peroxisome-dysfunction in the lung
- P148 **De Proost I, Pintelon I, Wilkinson W, Goethals S, Brouns I, Van Nassauw L, Riccardi D, Timmermans J-P, Kemp P, Adriaensen D, Antwerp (Belgium) / Cardiff (UK)**
Clara-like cells are selectively activated by stimulated ATP release from pulmonary neuroepithelial bodies
- P149 **Tsikolia N, Spanel R, Sass K, Borlak J, Spanel-Borowski K, Leipzig / Hannover (Germany)**
Microvessels and leukocytes in lung tumors of SP-C/c-rad transgenic mice

- P150 **Baumer Y, Drenckhahn D, Waschke J, Würzburg (Germany)**
CAMP via Epac/Rap1 activates Rac 1 in microvascular endothelium in vitro
- P151 **Mueller-Marschhausen K, Drenckhahn D, Waschke J, Würzburg (Germany)**
Physiological hydrostatic pressure protects endothelial monolayer integrity by cavelion-1 dependent mechanisms
- P152 **Schmidt A, Richarz N, Thevis M, Thevis M, Kamber M, Geyer H, Schaenzer W, Bloch W, Cologne (Germany) / Magglingen (Switzerland)**
SARMs (Selective Androgen Receptor Modulator) influences vessel development
- P153 **Schmidt A, Saßmannshausen A, Bloch W, Cologne (Germany)**
Lactate influences vasculogenesis
- P154 **Grósz A, Paddenberg R, Pfeil U, Kummer W, Giessen (Germany)**
Selective loss of hypoxic pulmonary vasoconstriction of murine intra-acinar arteries in cultured precision-cut lung slices
- P155 **Schmidt A, Meineche E, Wahl P, de Mareés M, Mester J, Bloch W, Cologne (Germany)**
Which influence do the current status of training and hypoxia have on human mesenchymal stem cells?
- P156 **Baumgartner L, Arnhold S, Addicks K, Bloch W, Cologne/ Giessen (Germany)**
Fibrin glue: In combination with human mesenchymal stem cells a suitable scaffold for Cartilage Tissue Engineering in vitro?
- P157 **Schulze-Tanzil G, Mueller R, Kohl B, John T, Berlin (Germany)**
The in-vitro biology of equine, ovine, porcine and human articular chondrocytes derived from the knee joint differs

- P158 **Ebersbach R, Schicht M, Brandt J, Reuse K, Paulsen F, Claassen H, Halle (Germany)**
Androgen receptors, progesteron receptors and alkaline phosphatase in human primary articular cartilage
- P159 **Falconi M, Zago M, Teti G, Ruggeri A, Ortolani M, Mazzotti G, Bologna (Italy)**
Altered expression of procollagen alpha 1 type I and tenascin proteins induced by HEMA in human pulp fibroblasts
- P160 **Pesta D, Frese S, Sailer J, Boelck B, Bloch W, Cologne (Germany)**
Fibre type specific expression of activin receptors type IIa (actrIIa) and IIb (actrIIb) in skeletal muscle
- P161 **Fritzsche K, Blueher M, Oberach A, Punkt K, Leipzig (Germany)**
Metabolic profile and nitric oxide synthase expression in skeletal muscle fibres of patients with type 1 diabetes
- P162 **Schneider R, Welt K, Fitzl G, Leipzig (Germany)**
Morphological and immunohistochemical alterations of spontaneously diabetic bb-rats myocardium exposed to ischemia and reperfusion and protection with ginkgo biloba extract
- P163 **Egerbacher M, Caballero O, Lavagnino M, Gardner K, Arnoczky S, Vienna (Austria) / East Lansing, Michigan (USA)**
Cyclic loading inhibits activation of the apoptotic pathway caused by loss of homeostatic tendon strain: The importance of the mechanobiological "survival signal"
- P164 **Stoessel A, Theilig F, Horn J, Boengler K, Brehm R, Winterhager E, Bachmann S, Berlin / Essen / Giessen (Germany)**
Gap junctions in renal epithelia – connexion Cx37 and Cx43
- P165 **Kahl T, Mutig K, Rampoldi L, Boehlick A, Takahashi N, Kumar S, Bachmann S, Berlin (Germany) / Milan (Italy) / North Carolina / Oklahoma City (USA)**
Kidney Na,K,2Cl-cotransporter (NKCC2) is regulated by Tamm-Horsfall protein (THP)

- P166 **Nawrotzki R, Gorgas K, Isslinger M, Voelkl A, Kirsch J, Heidelberg (Germany)**
Subcellular and biochemical characterization of gephyrin in liver
- P167 **Gohla G, Spittau B, Behrendt M, Krieglstein K, Göttingen (Germany)**
Tieg1/Klf10 contributes to NGF-mediated cell cycle arrest of PC12 cells by upregulation of p21
- P168 **Spittau B, Gohla G, Krieglstein K, Göttingen (Germany)**
Tieg3/Klf11 modulates TGF-beta signalling by transcriptional silencing of the inhibitory Smad7
- P169 **Unfried C, von Gall C, Korf HW, Frankfurt/M (Germany)**
Analysis of expression of beta chain of thyroid stimulating hormone (Tshb) and Tsh receptor in the mouse pituitary and brain
- P170 **Roehlecke C, Knels L, Valtink M, Engelmann K, Funk R, Dresden/ Chemnitz (Germany)**
Blue light-induced damage in human RPE cells
- P171 **Dougbag A, Derbalah A, Zaghloul D, Alexandria (Egypt)**
Ultrastructure of adult camel lens cells
- P172 **Johl M, Bräuer L, Paulsen F, Halle (Germany)**
Stimulation of human corneal epithelial cell lines and real-time quantification of expressed surfactant proteins A and D
- P173 **Schulze U, Sel S, Zeigermann M, Amm M, Paulsen F, Halle (Germany)**
Functions of Trefoil Factor Family peptide 3 (TTF3) at the ocular surface

DEVELOPMENTAL BIOLOGY

- P174 **Sel S, Nakhai H, Braeuer L, Duncker G, Paulsen F, Halle / Munich (Germany)**
ADAM17 is expressed during the embryonic development of the eye in the basal cells of the cornea, ciliary body and in the endothelial cells of the retinal vessels

- P175 **Morosan-Puopolo G, Dai F, Yusuf F, Rehimi R, Brand-Saberi B, Freiburg (Germany)**
The role of Wnt11 in dermis development
- P176 **Dai F, Runkel E, Morosan-Puopolo G, Rehimi R, Zhao W, Yusuf F, Bonafede A, Gamel A, Brand-Saberi B, Freiburg (Germany)**
Identification of a promoter for expression of a bHLH transcription factor ATOH8 gene both in neural tissue and somites
- P177 **Wagner A, Schweiggel S, Gehwolf R, Englberger E, Bauer H, Salzburg (Austria)**
Neuronal repressor proteins (REST/CoREST) show a similar distribution pattern as the stem cell marker Musashi-1 in particular non-neural tissue of the adult mouse
- P178 **Gehwolf R, Wagner A, Tempfer H, Lehner C, Mtsarivasvili M, Tauber M, Resch H, Bauer H, Salzburg (Austria)**
Expression of stem cell markers in human supraspinatus tendon cells
- P179 **Rusu MC, Podoleanu L, Miculescu F, Miculescu M, Didilescu AC, Nimigean V, Bucharest (Romania)**
On the complex TMJ disk – mandibular condyle – lateral pterygoid muscle in human fetuses
- P180 **Rehimi R, Khalida N, Yusuf F, Dai F, Brand-Saberi B, Freiburg (Germany)**
A novel role of SDF-1 during the cloacal muscle formation in the developing chick embryo
- P181 **Pomikal C, Streicher J, Vienna (Austria)**
Developmental morphology of the pelvic element in the chick
- P182 **Kenngott R, Vermehren M, Sinowatz F, Munich (Germany)**
Expression pattern of intermediate-filament proteins during development of the bovine Muellerian duct
- P183 **Maurer B, Geyer S, Weninger W, Vienna (Austria)**
Morphometry of the semilunar valves in chick embryos of HH34

- P184 ***Zendron B, Maurer B, Geyer S, Weninger W, Vienna (Austria)***
Dimensions of the semilunar valves of mouse embryos of Theiler stage 22
- P185 ***Schuenke I, Von Hoersten S, Stephan M, Schmiedl A, Hannover (Germany)***
Cd26 does not determine postnatal lung development in untreated f344 rats, but triggers the response to inhaled lipopolysaccharide
- P186 ***Behrens J, Purevdorj E, Von Mayersbach D, Dammann C, Schmiedl A, Hannover (Germany) / Boston (USA)***
Lipopolysaccharide treatment further potentiates the delay of structural development in erbb4-deleted fetal lungs
- P187 ***Dorfmeister K, Weninger W, Vienna (Austria)***
3d visualisation of high resolution episcopic microscopy data
- P188 ***Habermann F, Leidenfrost , Boelhauve M, Wolf E, Sinowatz F, Munich (Germany)***
3D visualization of early bovine embryogenesis by multicolour confocal microscopy

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- P189 **Arıcan R, Sahin Z, Sarıkcıoğlu L, Ustunel I, Suzen B, Oguz N, Antalya (Turkey)**
Effects of formaldehyde inhalation on intercellular junctions of the rat nasoepithelium
- P190 **Zamfir C, Zamfir M, Spataru M, Cojocaru E, Tocan L, Iasi (Romania)**
An experimental model of oxidative stress by light deprivation and exposure to intermittent light of experimental animals
- P191 **Grant P, Berg T, Karnati S, Nenicu A, Ahlemeyer B, Baumgart-Vogt E, Giessen (Germany)**
A novel approach with high sensitivity to the localization of peroxisomes in tissue sections and cell cultures
- P192 **Paliege A, Rosenberger C, Heyman S, Klaus S, Moreira L, Bachmann S, Berlin (Germany) / Jerusalem (Israel) / San Francisco (USA) / Porto (Portugal)**
Stimulation of autochthonous erythropoietin expression by prolly hydroxylase inhibition
- P193 **Cojocaru E, Lupusoru C, Zamfir C, Iasi (Romania)**
The renal vascular impact of some new pyridin-phenothiazines derivatives on kidney rats
- P194 **Hermenean A, Frandes C, Craciun C, Cotoraci C, Ardelean A, Arad(Romania)/Cluj-Napoca (Romania)**
Ultrastructural alteration in liver morphology of Wistar rats induced by anticancer drugs
- P195 **Wruck C, Kadyrov M, Brandenburg L, Varoga D, Kokzidou M, Pufe T, Aachen / Kiel (Germany)**
Nrf2 in rheumatoid arthritis
- P196 **Yildirim F, Ozsoy U, Demirel B, Arıcan Y, Sarıkcıoğlu L, Ozturk Z, Kesser I, Yesilipek A, Ozdem S, Suzen B, Erkilic M, Oguz N, Antalya (Turkey)**
Bone mineral density, hormonal and biochemical measurements in Turkish children with beta-thalassemia major

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- P197 ***Nimigean V, Nimigean VR, Maru N, Rusu MC, Dimcevic PN, Mihai AT, Bucharest (Romania)***
Bone density of the lateral maxillary area vs. the implant design
- P198 ***Maru N, Nimigean V, Nimigean VR, Rusu MC, Salavastru DI, Sarbu I, Bucharest (Romania)***
Experimental algorithms in the oral implantology
- P199 ***Coskun N, Elpek G, Arican R, Ayyildiz N, Coskun M, Antalya (Turkey)***
The effect of histamine on the neuronal hypertrophy and mast cell density in the gastrointestinal tract, reversible or not?
- P200 ***Nam K, Geyer S, Weninger W, Vienna (Austria)***
Distribution and three-dimensional appearance of the interstitial cells of Cajal in the rat stomach and duodenum
- P201 ***Batulevicius D, Frese T, Peschke E, Batuleviciene V, Pauza D, Kaunas (Lithuania) / Halle (Germany)***
Reduced number of the intracardiac neurons in diabetic Goto Kakizaki rats
- P202 ***Balciuniene N, Valanciute A, Graf von Keyserlingk D, Tamasauskas A, Kaunas (Lithuania)***
Evaluation of morphological issues of central nervous system glioblastoma on chicken embryo chorioallantoic membrane

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GENERAL INFORMATION

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Prof. Dr. med. Eveline Baumgart-Vogt
Managing Director
Department of Anatomy and Cell Biology
Medical Cell Biology
Aulweg 123, D-35385 Giessen
Phone: +49(0)641-99-47100,
Fax: +49(0)641-99-47109

eveline.baumgart-vogt@anatomie.med.uni-giessen.de

Address of the Secretary of the Anatomische Gesellschaft

Prof. Dr. med. Friedrich Paulsen
Department of Anatomy and Cell Biology
Martin Luther University Halle-Wittenberg
Große Steinstrasse 52, D-06097 Halle (Saale)
Phone: +49(0)345-557-1701,
Fax: +49(0)345-557-1700

friedrich.paulsen@medizin.uni-halle.de

Local Organization Committee

Local Chair:

O. Univ. Prof. Dr. med. Helga Fritsch
Division of Clinical and Functional Anatomy
Medical University Innsbruck
Müllerstrasse 59, A-6020 Innsbruck
Phone: +43(0)512 9003-71110
helga.fritsch@i-med.ac.at

Local Organization:

All members of the Division of Clinical and Functional Anatomy and all members of the Division of Neuroanatomy

Local Scientific Committee:

Main Topic I O. Univ. Prof. Helga Fritsch
Main Topic II Univ. Prof. Lars Klimaschewski
In cooperation with the executive board of the
“Anatomische Gesellschaft”

Correspondence and Meeting Secretary:

Susanne Grüner-Ehrenstrasser
Division of Clinical and Functional Anatomy
Medical University Innsbruck,
Müllerstrasse 59, A-6020 Innsbruck
Phone: +43(0)512 9003-71143,
Fax: +43(0)512 9003-73113,
susanne.gruener-ehrenstrasser@i-med.ac.at

Congress Venue and Lecture Halls

SoWi, Universitätsstrasse 15, A- 6020 Innsbruck
Lecture Hall, Aula and Atrium 20

Department for Anatomy, Histology und Embryology
Müllerstrasse 59, A-6020 Innsbruck
Dissection Room, Museum

Meeting Office – Registration Desk

SoWi, Universitätsstrasse 15, A-6020 Innsbruck

The meeting office is situated in the entrance area on the ground floor of the SoWi. Opening hours:

Friday, March 14	2.00 p.m. – 8.00 p.m.
Saturday, March 15	8.00 a.m. - 6.00 p.m.
Sunday, March 16	8.00 a.m. – 6.00 p.m.
Monday, March 17	8.00 a.m. – 2.00 p.m.

Registration Fees

Members of the Anatomische Gesellschaft	€ 120
Non-members	€ 160
Accompanying persons	€ 80
Students	€ 20

Oral Presentation

The official congress language is English. All presentations and talks will therefore be held in English. We would ask all participants to keep to the designated time.

Audio visual equipment (Windows PC with CD-ROM drive/USB-port and video beamer) is installed in the lecture hall. Presentation software is Windows Power Point.

Speakers are asked to hand in their presentations to the attendant in advance. Please do not bring your own notebook/laptop.

Abstracts

Abstracts of all submitted contributions will be published online on the homepage of the Anatomische Gesellschaft (www.anatomische-gesellschaft.de) as pdf-files.

Poster Sessions

Posters will be presented in the Atrium of the SoWi. Thumbtacks for poster mounting will be available from the poster assistant. Please mount your posters in the morning of the respective poster sessions and remove them immediately thereafter.

Maximum Poster Size is A0 (portrait-format, not landscape)

The poster committee will judge the quality of the posters for the poster prizes at the time of author`s presence.

Poster Prize

The Anatomische Gesellschaft allocates four posters during the 103rd Annual Meeting of the Anatomische Gesellschaft in Innsbruck 2008. Three poster awards are kindly sponsored by ELSEVIER and one by Medis Weber.

Industrial exhibition

The exhibition is located in the SoWi Atrium and will be open throughout the meeting.

Workshops

Cadaver Lab equipment – dissection room Anatomy

Saturday, March 15, 1:00 p.m.

Cadaver Lab – dissection room Anatomy

Monday, March 17, 10:30 p.m.

Nikon New Techniques – SoWi

Saturday, March 15 and Sunday March 16, 2008, 03:00

p.m.

Coffee Breaks and Lunch

Coffee breaks and lunch will be offered at the SoWi Restaurant (*Lunch has to be booked every morning at the registration desk*).

Restaurants in the neighbourhood are indicated on handouts in the congress map.

How to reach Innsbruck? (see map page 77)

By air

Airport Innsbruck is located only 5 kilometers outside the city. You can reach the city by bus or by cab.

By train

The central railway station (Hauptbahnhof) is located in the center of the city.

By car

You reach Innsbruck by car via Munich (A8/A12 Inntalautobahn) or via Fernpass (Kempten).

How to reach the SoWi? (see maps page 78 and 79)

On foot

The SoWi is within walking distance (1 – 15 min) of most hotels located within the center.

By car

Directly at the SOWI is an underground car park.

How to reach the Department of Anatomy, Histology and Embryology?

Please consult the map on page 80.

Hotel Reservation:

Please book your hotel room with Tourist Information - Innsbruck, who manage the hotel rooms selected for the ANAT GES 2008 meeting.

Innsbruck Information u. Reservierungs GmbH

Burggraben 3, A-6020 Innsbruck

Phone: +43(0)512 562000 210

Fax: +43(0)512 562000 220

hotel@innsbruck.info

www.innsbruck.info/buchung/Tagung Anatomische Gesellschaft

Welcome Reception and Get-Together

The Welcome Reception will take place immediately after the Opening Ceremony on **Friday, March 14, 2008**, at the Kaiser-Leopold-Saal, Karl-Rahner-Platz 3, Innsbruck , including buffet and drinks.
Free of charge.

Poster Party

Saturday, March 15, 2008, 07:30 p.m.
at the SoWi Atrium and Restaurant.
Including dinner and non-alcoholic drinks.
Fee: € 10,00

Wine Bar

Saturday, March 15, 2008, 07:30 p.m.
at the SoWi Restaurant
Taste red and white wines of different grape varieties! We will concentrate on Austrian specialities (and rarities). Join us there and drink to your heart's content!

Social Evening

Sunday, March 16, 2008 at the Congresspark Igls.
Meeting Point: Main entrance of the SoWi.
Departure: 6.45 p.m.
Fee: € 25,00
Students: € 15,00

Guided Historical Tour – Sightseeing Tour by Walking Saturday, March 15, 2008, 09.00 a.m.

Walking tour in Innsbruck – duration 1 hour with English speaking guide. Starting point: in front of the famous

Golden roof in the heart of Innsbruck (pedestrian area), visit of the nice alleys with historical monuments, like Helbing House, City Tower, St. Jacobs Cathedral, visit of Maria-Theresienstrasse with Anna Column.

Meeting Point: Golden Roof 09.00 a.m.

Fees: € 5 - € 10 (depend on the number of participants)

The mountains have never been so close Alpine Fusion “man-nature-architecture”

Sunday, March 16, 2008, 02.00 p.m.

The new Hungerburg Funicular, designed by star architect Zaha Hadid, stretches from the Innsbruck Congress Center up to the Hungerburg station. The Nordkette panoramic Cable Railway needs only a few minutes from the Hungerburg up to the Seegrube and further up to the Hafelekar. So you will reach high-altitude alpine scenario in a 20 minutes ride from the center of Innsbruck. Enjoy the breathtaking panorama above the city of Innsbruck and the Tyrolean mountains.

Meeting Point: Main entrance of the SoWi.

Departure: Congresshaus Innsbruck, 02.00 p.m.

Ticket: € 22,50

Museums Brunch at “Café Kunstpause Ferdinandeum” Sunday, March 16, 2008, 10:00 a.m.

The ticket includes special offers as following:

Breakfast/Brunch at “Café Kunstpause-Ferdinandeum” at 10.00 a.m. and entrance and guided tour through the “Landesmuseum Ferdinandeum”, 11.00 a.m.

Ticket: € 11,00

Guided Tour “Schloss Ambras” Sunday, March 16, 2008, 02:00 p.m.

Perched high above Innsbruck, Ambras Castle can be seen for miles around and is one of the most important sights of the capital of Tirol. It's historical-cultural significance is inseparably linked to the personality of Archduke Ferdinand II (1529-1595), a genuine Renaissance prince who promoted the arts and sciences. He founded the

magnificent Ambras collections. The present-day presentation attempts to reconstruct the archdukes Chamber of Art and Curiosities ("Kunst- und Wunderkammer), his Armoury of Heroes and other armouries as well as his Antiquities Collection.
Meeting Point: Main entrance of SoWi.
Ticket: € 5,00

Swarovski Crystal Worlds

Monday, March 17, 2008, 08:30 a.m.

are a worldwide renowned phenomenon – a magical universe that rebalances the limitations of daily life and seduces people of all ages into wonder and dreaming. For this reason, the crystalline magic chambers have undergone continuous change since their opening in 1995, to always allow male and female visitors to be shown surprising and new facets of the crystal vision. From December 2007 people can be magically transformed by the latest crystal world metamorphosis, under the motto "The Art of Crystal Fiction".

Meeting Point: Main entrance of SoWi

Departure: Kristallweltenshuttle

Museumstrasse, 09:04 a.m.

Ticket: € 14,50

BUSINESS MEETING

Geschäftssitzung der Anatomischen Gesellschaft

- Mitgliederversammlung -
Saturday, March 15, 2008 06.30 p.m. SoWi Lecture Hall

Industrial Exhibitors

E Science Tools GmbH, Im Weiher 12, D-69121 Heidelberg

Histocom VertriebsgmbH, Triesertrasse 14/110, A-2351 Wien

Leica Mikrosysteme Vertriebs GmbH, Hernalser Hauptstrasse 219,
A-1170 Wien

Menarini GmbH, Pottendorferstrasse 25-27, A-1120 Wien

Nikon GmbH, Wagenseilgasse 5, A-1120 Wien

Reichert-Labtec, Stobäusstrasse 28, D-82515 Wolfratshausen

SOMSO Modelle, Marcus Sommer, Friedrich Rückertstrasse 54, D-
96450 Coburg

Tissue Gnostics, Medical Research Group, Taborstrasse 10/2/9, A-
1020 Wien

Zeiss GmbH, Modecenterstrasse 16, A-1030 Wien

Sponsors

Arthrex Medizinische Instrumente Ges.m.b.H. Triesterstrasse 10/1,
A-2351 Wiener Neudorf

Bio-Rad Laboratories GesmbH. 1130 Wien, Hummelgasse 88/3-6.

BTV Bank für Tirol und Vorarlberg, Stadtforum, A-6020 Innsbruck

Innsbruck Tourismus Information, Burggraben 3, A-6020 Innsbruck

Carl Roth GmbH + Co. KG, Schoemperlenstraße 3-5, D-76185
Karlsruhe

Stryker GmbH & Co KG, Dr.-Homer-Stryker-Platz 1, D-47228
Duisburg

Stryker GmbH, Millennium Tower, Handelskai 94-96,A-1200 Wien

Stryker SA, Cité-Centre, Grand-Rue 92, P.O. Box 1568
CH-1820 Montreux

Ventana Medical Systems SA, Rue G. de Kayserberg BP 144, B-
67404 Illkirch Cedex

How to reach Innsbruck

By car: via Munich - A12 - „Abfahrt Mitte“

How to reach the SoWi and the Kaiser Leopold Saal

SoWi

How to reach the Department

See the magenta coloured way from the SoWi to the Department of
Anatomy, Histology and Embryology

Meeting Calender - Scientific Program – Department Program - Social Program

Day	Hours	AULA	HS1	SoWi- Aula/Mensa	Department Program	Social Program
Friday, 03/14/08	18:00					Kaiser Leopold Saal Opening Ceremony Welcome Reception and Get-Together
Saturday 03/15/08	08:30 - 10:30 11:00 - 12:30 12:30 - 14:30	MT I, Session I MT I, Session II	Experimental Morphology/Immune Biology	Lunch	13:00 Cadaver Lab 15:00 Anatomical Museum 16:00 Anatomical Museum	9:00 Guided Historical Tour Innsbuck
	14:30 - 16:45 16:45 - 18:30 18:30 - 19:30 19:30 - 23:00	MT I, Session III Business Meeting	Neuroanatomy I Business Meeting	Poster Session I		14:00 From the city to the top of the mountain "Seegrube" Poster Party
Sunday 03/16/08	08:30 - 10:30 11:00 - 12:45 12:45 - 14:30 14:30 - 16:30	MT II, Session I MT II, Session II MT II, Session III	MT I, Session IV Develop. Biology	Lunch 15:00 New Techniques Poster Session II Departure Congress Dinner Congresspark Igls	13:00 Anatomical Museum 16:00 Anatomical Museum	10:00 Museums Brunch at "Café Kunstpause Ferdinandeum" 14:00 Guided Tour Castle Ambras Congress Dinner
	16:30 - 18:30 18:45 19:30					
Monday 03/17/08	08:30 - 10:00 10:30 - 11:30 11:30 - 12:30 12:30 - 14:00 14:00 - 16:00 16:00	Gross Anat. I Gross Anat. II Gross Anat. III Closing Session and Poster Prize	Cell Biology I Cell Biology II Neuroanatomy II	Poster Session III Lunch	10:30 Cadaver Workshop	9:00 Swarovki Crystal Worlds