



Anatomische Gesellschaft

108th Annual Meeting



Magdeburg
March 22-25, 2013



Programme of the 108th Annual Meeting

March 22 – 25, 2013 | Magdeburg, Germany

Main Topic I

Functional Neuroanatomy: Morphology, Behaviour and Genetics

Main Topic II

Morphology and Function of the Mucosal Immune System

Papers and posters from all branches of anatomy



Meeting Place

Otto-von-Guericke-University Magdeburg
Campus Universitätsklinikum, Leipziger Straße 44, 39120 Magdeburg

Opening Ceremony

Friday, **March 22**, 2013 | 18:00
Mensa, Haus 41, Campus Universitätsklinikum

General Assembly

Sunday, **March 24**, 2013 | 16:45 – 18:30
Theoretical Lecture Hall, Haus 28, Campus Universitätsklinikum

Organ Concert

Saturday, **March 23**, 2013 | 18:15
Magdeburg Cathedral

Congress Dinner and Party at the Straßenbahnmuseum

Sunday, **March 24**, 2013 | 19:30



The Meeting is organised in cooperation with
the DFG Collaborative Research Centres SFB 779 and 854

Opening Ceremony 18:00

Prelude

Big Band of the Otto-von-Guericke-University

Words of Welcome

Prof. Dr. med. Hermann-Josef Rothkötter, Magdeburg
President of the Anatomische Gesellschaft

Prof. Dr. Volkmar Leßmann
*Vice Rector of the
Otto-von-Guericke-University Magdeburg*

Opening Lecture

Prof. Dr. med. Hermann-Josef Rothkötter, Magdeburg

Intermezzo

Big Band of the Otto-von-Guericke-University

Scientific Award of the Anatomische Gesellschaft

Lecture(s) of Laureate(s)

Finale

Big Band of the Otto-von-Guericke-University

Welcome Reception and Get-Together 20:00

Chair: H. Schwegler, O. Stork

08:30 – 08:40

Introduction

08:40 – 09:20

1 **Emrah Düzel, Magdeburg (Germany)**

Laminar activity patterns in the human hippocampus and entorhinal cortex related to novelty detection and episodic encoding

09:20 – 10.00

2 **Björn Schott, Magdeburg (Germany)**

Genetics of the glutamatergic synapse and the functional neuroanatomy of human memory

10:00 – 10:40

3 **Oliver Stork, Magdeburg (Germany)**

Fear memory circuits in amygdala and hippocampus: role(s) of GABAergic interneurons

10:40 – 11:10

COFFEE BREAK

11:10 – 11:50

4 **Stefan Britsch, Ulm (Germany)**

Transcriptional control of hippocampal neurogenesis

11:50 – 12:30

5 **Peer Wulf, Kiel (Germany)**

Testing the behavioural relevance of GABAergic interneurons in cortical circuits

Saturday, March 23, 2013

Mensa, Haus 41

Poster Session I/Lunch

12:30 – 14:30

Poster Session I

Mensa, Haus 41

The posters are arranged based on the topic. In Poster Session I all posters with **odd** numbers will be presented by the authors.

Saturday, March 23, 2013

Theoretical Lecture Hall, Haus 28

Main Topic I

14:30 – 17:00

Chair: H. Korf

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|----------------------|----------|--|
| 14:30 – 14:45 | 6 | Tasler M., Lepzien R., Schmitt O., Wree A., Haas S., Rostock (Germany): Characterization of tyrosine hydroxylase mRNA-expressing neurons in the dopamine depleted mouse striatum |
| 14:45 – 15:00 | 7 | Nullmeier S., Panther P., Kröber A., Wolf R., Schwegler H., Magdeburg and Bochum (Germany): Differences in social behavior, prepulse inhibition, dopaminergic and serotonergic hippocampal fiber density of CPB-K mice compared to BALB/cJ mice |
| 15:00 – 15:15 | 8 | Simon R., Baumann L., Fischer J., Seigfried F., Andratschke J., Schwegler H., Britsch S., Ulm and Magdeburg (Germany): The role of Bcl11b/Ctip2 in the adult hippocampus |
| 15:15 – 15:30 | 9 | Kuhla A., Lange S., Holzmann C., Vollmar B., Wree A., Rostock (Germany): Mice calorie restricted for 74 weeks show better spatial learning than ad lib-fed mice |

- 15:30 – 15:45 10 **Wicht H., Korf H., Ekhart D., Pfeffer M., Frankfurt (Germany):** Mice, melatonin and the maintenance of chronotypes
- 15:45 – 16:00 COFFEE BREAK
- Chair: E. Asan*
- 16:00 – 16:15 11 **Chai X., Fan I., Shao H., Zhao S., Frotscher M., Hamburg (Germany) and Lanzhou (China):** Polarization and positioning of cortical neurons critically depend on cofilin
- 16:15 – 16:30 12 **Wagener R., Staiger J., Göttingen (Germany):** Wiring up sensory neocortex under conditions of massive cellular disorganization: does the thalamus find its ectopic target cells in reeler mutant mice?
- 16:30 – 16:45 13 **Sultan, F., Tübingen (Germany):** Unravelling cerebellar pathways with high temporal precision targeting motor and extensive sensory and parietal networks
- 16:45 – 17:00 14 **Haque Z., Pu Q., Huang R., Bonn (Germany):** Plexin A2 and neuropilin 2 signalling are involved in the axonal guidance of cranial nerves

18:15

Organ Concert

Magdeburg Cathedral - Magdeburger Dom
Breiter Weg/Domplatz

Chair: F. Paulsen

- 14:30 – 14:45 15 **Hartlieb E., Vigh B., Spindler V., Waschke J., Munich (Germany):** Desmoglein 2 is less important for cell cohesion in keratinocytes compared to intestinal epithelial cells
- 14:45 – 15:00 16 **Rötzer V., Waschke J., Spindler V., Munich (Germany):** Pemphigus and the actin cytoskeleton – role of adducin and Rhoa
- 15:00 – 15:15 17 **Mutig K., Borschewski A., Willnow T., Dathe C., Paliege A., Ferreri N., Bachmann S., Berlin (Germany) and New York (USA):** Sorting protein-related receptor sorla facilitates degradation of calcineurin and thereby promotes phosphorylation of renal Na⁺-K⁺-2Cl⁻ cotransporter
- 15:15 – 15:30 18 **Wruck C., Streetz K., Fragoulis A., Schenkel J., Herzog M., Pufe T., Aachen (Germany):** Nr2f loss promotes liver cancer after ddc administration to mice
- 15:30 – 15:45 19 **Schicht M., Rausch F., Übel C., Mousset S., Finotto S., Brandt W., Paulsen F., Bräuer L., Erlangen-Nürnberg and Halle (Germany) :** „SP-H“, a putative new immunological and surface-regulatory lung surfactant protein – tissue localization, functional analysis and 3D structure
- 15:45 – 16:00 COFFEE BREAK

Chair: H. Kielstein

- 16:00 – 16:15 20 **Kolokowsky S., Langguth F., Kielstein H., Jäger K., Halle (Germany):** The concentration of urea in tear liquid at patients with diabetes and keratoconjunctivitis sicca as possible consequence of an endothelial impairment

- 16:15 – 16:30** 21 **Cotofana S., Wirth W., Olivier B., Eckstein F., Salzburg (Austria) and Indianapolis (USA):** Is the change in cartilage thickness in the femorotibial joint related to severity of contra-lateral radiographic knee status? -1-year data from the osteoarthritis initiative
- 16:30 – 16:45** 22 **Ruhdorfer A., Wirth W., Hitzl W., Eckstein F., Salzburg (Austria):** Thigh muscle strength in knee osteoarthritis is strongly determined by pain but not by radiographic stage - data from the osteoarthritis initiative
- 16:45 – 17:00** 23 **Grosse-Buening S., Wree A., Ulfig N., Rostock (Germany):** Morphometric features and the bending angle of the human supraspinatus tendon

18:15

Organ Concert

Magdeburg Cathedral - Magdeburger Dom
Breiter Weg/Domplatz

Sunday, March 24, 2013

Theoretical Lecture Hall, Haus 28

Main Topic II

09:00 – 12:30

Chair: H.J. Rothkötter, J.P. Lallès

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|---------------|----|---|
| 09:00 – 9.45 | 24 | Jean-Paul Lallès, Rennes (France)
Antigens in the food - candidates and their uptake |
| 9:45 – 10:30 | 25 | Anja Hauser-Hankeln, Berlin (Germany)
Follow the traces of migrating immune cells |
| 10:30 – 11:00 | | COFFEE BREAK |
| 11:00 – 11:45 | 26 | Thomas Schüler, Magdeburg (Germany)
The role of Interleukin-7 in the regulation of intestinal homeostasis |
| 11:45 – 12:30 | 27 | Mick Bailey, Bristol (U.K.)
Meet the antigen in the lamina propria: Dendritic cells and lymphocytes |

Sunday, March 24, 2013

Mensa, Haus 41

Poster Session II/Lunch

12:30 – 14:30

Poster Session II

Mensa, Haus 41

The posters are arranged based on the topic. In Poster Session II all posters with **even** numbers will be presented by the authors.

Chair: M. Bailey - J. Timmermans

- 14:30 – 15:15** 28 **Risto Renkonen, Helsinki (Finland)**
Allergens and the mucosa
- 15:15 – 15:30** 29 **Avula L., Buckinx R., Pintelon I., De Winter B., Adriaensen D., Salgado R., Van Nassauw L., Timmermans J., Antwerp and Brussels (Belgium):** Mas-related gene receptor d is expressed in the (inflamed) human and mouse intestine and is implicated in neuroimmune interaction during intestinal inflammation
- 15:30 – 15:45** 30 **Garreis F., Gottschalt M., Jahn J., Wild K., Paulsen F., Erlangen Nürnberg and Halle Wittenberg (Germany):** Role of host-defense peptides in innate immune defense at the ocular surface
- 15:45 – 16:00** 31 **Didilescu A., Rusu M., Pop F., Manoiu V., Jianu A., Valcu M., Bucharest, Galati and Timisoara (Romania):** The mandibular ridge oral mucosa model of stromal influences on the endothelial tip cells
- 16:00 – 16:15** 32 **Fragoulis A., Tohidnezhad M., Rosen C., Pufe T., Wruck C., Aachen (Germany):** Sulforaphane has opposing effects on TNF α stimulated and unstimulated synoviocytes
- 16:15 – 16:30** 33 **Stammler A., Konrad L., Müller D., Middendorff R., Giessen (Germany):** Blood-epididymis barrier: immunoregulatory cytokine TGF β modulates paracellular permeability in the epididymal epithelium
- 16:30 – 16:45 COFFEE BREAK
- 16:45** **General Assembly**
Anatomische Gesellschaft
Theoretical Lecture Hall, Haus 28

Chair: E. Tamm

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|---------------|----|---|
| 15:15 – 15:30 | 34 | Müller M., Korf H., Frankfurt/Main (Germany): X-ray irradiation phase advances the molecular clockwork in subsidiary clocks |
| 15:30 – 15:45 | 35 | Bachmann S., Saritas T., McCormick J., Ellison D., Delpire E., Mutig K., Berlin (Germany) and Portland and Nashville (USA): Ste20-like kinase spak differentially regulates Na-(K)-Cl cotransporters along the distal nephron under the endocrine control of AVP |
| 15:45 – 16:00 | 36 | Fester L., Oh J., Rinn C., Rune G., Hamburg (Germany): The podocyte cytoskeleton is responsive to estradiol |
| 16:00 – 16:15 | 37 | Rusu M., Pop F., Folescu R., Maniou S., Didilescu A., Bucharest, Timisoara and Galati (Romania): The suburothelial interstitial cells in rat - an immunohistochemical and ultrastructural study |
| 16:15 – 16:30 | 38 | Voigt T., Bern (Switzerland):
A virtual correlative transmission electron microscope |
| 16:30 – 16:45 | | COFFEE BREAK |
| 16:45 | | General Assembly
Anatomische Gesellschaft
Theoretical Lecture Hall, Haus 28 |

Chair: J. Waschke

- 8:30 – 8:45** 39 **von Holst A., Kirsch J., Bertram B., Heidelberg and Bochum (Germany):** Selective functions for the star family proteins SAM68, SLM-1 and SLM-2 in neural stem cells
- 8:45 – 9:00** 40 **Clarner T., Victor M., Goldberg J., Berger K., Beyer C., Kipp M., Aachen (Germany):** Identification of novel mechanisms involved in oligodendrocyte loss during early demyelination
- 9:00 – 9:15** 41 **Stiess M., Nickel W., Bradke F., Mann M., Cambridge S., Basel (Switzerland) and Heidelberg, Bonn, Munich (Germany):** Quantitative, functional analysis of the astrocytic secretome
- 9:15 – 9:30** 42 **Vogel T., Hellbach N., Wahane S., Vezzali R., Freiburg (Germany) :** Foxg1-mediated deficiency of TGF β signalling impairs endothelial function through an altered neural secretome
- 9:30 – 9:45** 43 **Wilkars W., Han M., Bähring R., Bender R., Hamburg (Germany):** Characterisation of novel HCN1 channel binding proteins
- 9:45 – 10:00** 44 **Engelhardt M., Vorwald S., Hofstettler J., Sobotzik J., Bennett V., Schultz C., Heidelberg (Germany) and Durham (USA):** Structural determination of peripheral somatosensory axon terminals via ankyrin-b, not ankyrin-g
- 10:00 – 10:15** 45 **Tsikolia N., Otto A., Viebahn C., Göttingen (Germany):** Sonic hedgehog signaling for neural tube patterning: where does it come from?

- 10:15 – 10:30** 46 **Li L., Pu Q., Wang Y., Wang J., Huang R., Bonn (Germany) and Lanzhou (China):** BDNF and NGF originating from sensory ganglia promote the outgrowth of cranial motor axons
- 10:30 – 11:00 COFFEE BREAK
- Chair: F. Nürnberger*
- 11:00 – 11:15** 47 **Brunne B., Pahle J., Frotscher M., Bock H., Hamburg and Düsseldorf (Germany) :** Secondary radial glial cells and their role in granule cell positioning in the early postnatal dentate gyrus of reeler mutants and wildtype mice
- 11:15 – 11:30** 48 **Pauza D., Jokubauskas M., Rysevaite K., Saburkina I.: Inokaitis H., Pauziene N., Kaunas (Lithuania):** Occurrence of nerve fibers facilitates discrimination of cardiac conductive myocytes on the level of electron microscope
- 11:30 – 11:45** 49 **Kuerten S., Hundgeburth L., Wunsch M., Rovituso D., Recks M., Addicks K., Cologne (Germany):** The complement system contributes to the pathology of experimental autoimmune encephalomyelitis by triggering demyelination and modifying the antigen-specific T and B cell response
- 11:45 – 12:00** 50 **Brandenburg L., Pscheidl S., Oldekamp S., Jansen S., Tauber S., Pufe T., Aachen (Germany):** Role of formyl peptide receptors in innate immune response after bacterial meningitis
- 12:00 – 12:15** 51 **Drakew A., Maier U., Tippmann A., Frotscher M., Hamburg (Germany):** What a single neuron tells us about synaptic network activity- automated analysis of whole cell current clamp recording

Monday, March 25, 2013

Theoretical Lecture Hall, Haus 28

Neurobiology/Development

8:30 – 12:45

- 12:15 – 12:30** 52 **Steinke H., Saito T., Miyaki T., Nawa S., Umemoto K., Miyakawa K., Wakao N., Asamoto K., Nakano T., Leipzig (Germany) and Nagakute (Japan):** Accessing back nerves eased by knowing their homologous structures
- 12:30 – 12:45** 53 **Pu Q., Huang R., Bonn (Germany):** Occipital somites guide motor axons of the accessory nerve in the avian embryo

Monday, March 25, 2013

Theoretical Lecture Hall, Haus 28

Closing

13:00

- 13:00** **Closing Ceremony and Poster Awards**
Theoretical Lecture Hall, Haus 28
- 13:30 LUNCH

Chair: S. Ergün

- 8:30 – 8:45** 54 **Rüb U., Seidel K., Bouzrou M., Stratmann K., Korf H., Frankfurt/Main (Germany):** Degeneration of brainstem nuclei in huntington's disease
- 8:45 – 9:00** 55 **Heimrich B., Wu J., Schwemmler M., Freiburg (Germany):** Borna disease virus-induced neuronal degeneration is dependent on the host genetic background and prevented by soluble factor(s)
- 9:00 – 9:15** 56 **Rosenkranz K., May C., Kumbruch S., Marcus K., Meier C., Bochum and Homburg/Saar (Germany):** Transplantation of human umbilical cord blood cells after perinatal hypoxic-ischemic brain injury – positive effects on neuronal survival, inflammation and glial activation
- 9:15 – 9:30** 57 **Wandernoth P., Mannowetz N., Szczyrba J., Wennemuth G., Homburg/Saar (Germany):** Carbonic anhydrase 2 and 4 are key enzymes in murine sperm motility and fertility
- 9:30 – 9:45** 58 **Schindler M., Penzialek M., Plösch T., Navarrete Santos A., Fischer B., Navarrete Santos A., Halle (Germany) and Groningen (Netherlands):** Maternal diabetes mellitus influences fatty acid metabolism in rabbit preimplantation embryos
- 9:45 – 10:00** 59 **Geyer S., Mohun T., Wilson R., Weninger W., Vienna Austria and London (UK):** A possible mouse model for researching the genesis of the double lumen aortic arch malformation
- 10:00 – 10:15** 60 **Balakrishnan-Renuka A., Böing M., Yusuf F., Patel K., Otto A., Morosan-Puopolo G., Zoidl G., Brand-Saberi B., Bochum (Germany) and Toronto (Canada):** bHLH protein ATOH8 is involved in the adult myogenesis transcriptional network

- 10:15 – 10:30 61 **Viebahn C., Tsikolia N., Drummer C., Behr R., Göttingen (Germany):** The enigma of the neurenteric canal: the common marmoset monkey (*Callithrix jacchus*) provides a pivotal missing link
- 10:30 – 11:00 COFFEE BREAK
- Chair: M. Ochs*
- 11:00 – 11:15 62 **Koch M., Rosenhammer B., Koschade S., Braunger B., Volz C., Jäggle H., Tamm E., Regensburg (Germany):** Myocilin modulates programmed cell death during retinal development and after retinal damage
- 11:15 – 11:30 63 **Lange T., Schumacher U., Hamburg (Germany):** Human prostate cancer in a clinically relevant xenograft mouse model: identification of beta(1,6)-branched oligosaccharides as a marker of tumor progression
- 11:30 – 11:45 64 **Lange T., Schumacher U., Hamburg (Germany):** Trastuzumab has anti-metastatic and anti-angiogenic activity in a spontaneous metastasis xenograft model of esophageal adenocarcinoma
- 11:45 – 12:00 65 **Schrödl F., Kaser-Eichberger A., Trost A., Strohmaier C., Bogner B., Runge C., Heindl L., Schlereth S., Cursiefen C., Reitsamer H., Salzburg (Austria) and Cologne (Germany):** Vascular and lymphatic markers: time series in human skin and choroid
- 12:00 – 12:15 66 **Schipke J., Kuhn M., Mühlfeld C., Hannover and Würzburg (Germany):** Increased heart weight in newborn guanylyl cyclase/natriuretic peptide receptor a knockout mice is due to increased number, not size of cardiomyocytes

Monday, March 25, 2013

Ebbinghaus Room, Leibniz-Institute

Re-/Degeneration - Cell biology

8:30 – 12:45

- 12:15 – 12:30** 67 **Deckmann K., Krasteva-Christ G., Rafiq A., Filipski K., Bschiefer T., Althaus M., Fronius M., Kummer W., Giessen (Germany):** Chemosensation in urethral cholinergic brush cells
- 12:30 – 12:45** 68 **Rafiq A., Canning B., Hartmann P., Weitz A., Deckmann K., Kummer W., Krasteva-Christ G., Giessen (Germany) and Baltimore (USA):** Bitter chemosensation in the murine trachea

Monday, March 25, 2013

Theoretical Lecture Hall, Haus 28

Closing

13:00

- 13:00** **Closing Ceremony and Poster Awards**
Theoretical Lecture Hall, Haus 28
- 13:30** LUNCH

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

12:30 – 14:30

Poster Session II: Sunday March 24, 2013

12:30 – 14:30

Main Topic I

- P 1 **Maass F., Petersen J., Schmitt O., Witt M., Rolfs A., Wree A., Rostock (Germany):** Combined therapy with cyclodestrin/allopregnanolone and miglustat in NPC1 mutant mouse model influences neuronal numbers and volumes of cerebellar compartments
- P 2 **Hanowski T., Lesch T., Knöfel F., Kielstein H., Jäger K., Halle (Germany):** Effect of 5/6 nephrectomy on the expression of hippocampal polyamines in a rodent model of chronic kidney disease
- P 3 **Janssen A., Schmeisser M., Bockmann J., Boeckers T., Ulm (Germany):** Expression patterns of ProSAP2/Shank3 isoforms across brain regions of mice and rats
- P 4 **Atanasova D., Dimitrov N., Lazarov N., Sofia and Stara Zagora (Bulgaria):** Expression of some neurotrophic factors and their corresponding receptors in the rat carotid body
- P 5 **Mehlan J., Brosig H., Hawlitschka A., Schmitt O., Mix E., Benecke R., Wree A., Rostock (Germany):** Intrastriatal botulinum neurotoxin-A injection in rats does not damage striatal cholinergic neurons - a histological and stereological analysis
- P 6 **Witt M., Meyer A., Hovakimyan M., Hummel T., Rolfs A., Wree A., Rostock and Dresden (Germany):** Olfactory deficits in Niemann-Pick-disease type C1
- P 7 **Halbedl S., Boeckers T., Schmeisser M., Ulm (Germany):** The role of ProSAPs/Shanks in early development of hippocampal neurons
- P 8 **Hawlitschka A., Antipova V., Mix E., Schmitt O., Dräger D., Benecke R., Wree A., Rostock (Germany):** Unilateral intrastratial injections of botulinum neurotoxin-a in the rat model of parkinson's disease affects behavioural and structural parameters

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

12:30 – 14:30

Poster Session II: Sunday March 24, 2013

12:30 – 14:30

- P 9 **Petersen J., Maass F., Hovakimyan M., Holzmann C., Witt M., Lukas J., Rolfs A., Wree A., Rostock (Germany):** Therapy with cyclodextrin/allopregnanolone and miglustat improves motor but not cognitive functions in Niemann-Pick type C1 mutant mice

Main Topic II

- P 10 **Rieger J., Janczyk P., Hünigen H., Hirschberg R., Plendl J., Berlin (Germany):** Porcine intestinal and lymphatic tissues under the influence of *Enterococcus faecium* ncimb 10415 and *Salmonella typhimurium*
- P 11 **Sheats M., Schicht M., Bohr Ch., de Tristan J., Iro H., Paulsen F., Bräuer L., Erlangen (Germany):** Surfactant proteins of the human larynx
- P 12 **Stanek C., Reinhardt N., Diesing A.-K., Nossol C., Kahlert S., Panther P., Rothkötter H.J. Kuester D., Brosig B., Kersten S., Dänicke S., Kluess J., Magdeburg and Braunschweig (Germany):** The pig's chronic oral exposure to deoxynivalenol (DON) partially attenuates acute effects of *E.coli* lipopolysaccharide (LPS) on hepatic morphology and function
- P 13 **Diesing A.-K., Nossol C., Ponsuksili S., Wimmers K., Kluess J., Rothkötter H.J., Kahlert S., Magdeburg and Dummerstorf (Germany):** Basolateral application of the mycotoxin Deoxynivalenol on intestinal porcine epithelial cells IPEC-J2 leads to remarkable changes in gene regulation
- P 14 **Nossol C., Kahlert S., Faber-Zuschratter H., Kluess J., Ponsuksili S., Wimmers K., Rothkötter H.J., Diesing A.-K., Magdeburg and Dummerstorf (Germany):** Morphological differentiation and the comparison of two intestinal porcine epithelial cell lines (IPECs) via microarray analysis

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

12:30 – 14:30

Poster Session II: Sunday March 24, 2013

12:30 – 14:30

- P 15 **Nossol C., Diesing A.-K., Schmidt A., Kersten S., Kluess J., Kahlert S., Dänicke S., and Rothkötter H.J., Magdeburg and Braunschweig (Germany):** The fungal toxin Deoxynivalenol induces in combination with LPS an up-regulation of IL-8 in monocyte derived dendritic cells

Methods/Teaching

- P 16 **Kipp M., Sobotta F., Brandenburg L., Aachen (Germany):** 3D illustrations in anatomy teaching
- P 17 **Schmidt T., Helbig T., Kupper C., Witte H., Ilmenau and Sömmerda (Germany):** A procedure for quantitative description of the anatomy of the ear channel
- P 18 **Ilie A., Jianu A., Stana L., Hogeia B., Selaru M., Motoc A., Timisoara (Romania):** Cholecystectomy by minilaparotomy: an alternative to laparoscopic cholecystectomy
- P 19 **Nöhammer M., Busch C., Maurer B., Dorfmeister K., Geyer S., Weninger W., Vienna (Austria):** High resolution episcopic microscopy (HREM) for visualising dermal blood vessels
- P 20 **Fatu C., Moscu M., Iasi (Romania):** Art and anatomical tradition at Museum of Anatomy in Iasi

Gross Anatomy/Clinical Anatomy

- P 21 **Didilescu A., Andrei F., Motoc A., Rusu M., Bucharest and Timisoara (Romania):** A 3D cone beam computed tomography study of the styloid process of the temporal bone
- P 22 **Alecu S., Bardas A., Bordei P., Iliescu D., Constanta (Romania):** Anatomical peculiarities of the collateral branches of the superior mesenteric artery and their clinical importance

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013 12:30 – 14:30
Poster Session II: Sunday March 24, 2013 12:30 – 14:30

- P 23 **Witte H., Andrada E., Ilmenau and Jena (Germany):** Anatomy and mechanics of the human trunk support cranial gaze control
- P 24 **Panther P., Hausmann J., Nullmeier S., Büntjen L., Magdeburg (Germany):** Does electric stimulation display the anatomy of the nervus peroneus communis? A comparison of topographical anatomy and motor response
- P 25 **Al Aiyan A., Berlin (Germany):** Experiences with alternative fixation methods in veterinary gross anatomy
- P 26 **Cotofana S., Wirth W., Eckstein F., Martin H., Lohmander S., Frobell R., Salzburg (Austria) and Lund (Sweden):** Long term follow-up of femoropatellar cartilage thickness change after acute anterior cruciate ligament tear
- P 27 **Motoc A., Sisu A., Petrescu C., Stana L., Ilie C., Moise M., Timisoara (Romania):** Median nerve - entrapment or anatomic variations?
- P 28 **Nägerl H., Dumont C., Kubein-Meesenburg D., Fanghänel J., Wachowski M., Göttingen and Regensburg (Germany):** Morphology and operating mode of the distal interphalangeal joints (DIPJ) and the interphalangeal joint of the thumb (IPJT)
- P 29 **Dina C., Iliescu D., Bordei P., Ionescu C., Constanta (Romania):** Multiple hepatic veins and hepatic segmentation
- P 30 **Fischer K., Breitfeld T., Magdeburg (Germany):** Multiple variations of muscles in the fourth compartment
- P 31 **Jianu A., Andrei F., Motoc A., Loreto C., Rusu M., Timisoara and Bucharest (Romania) and Catania (Italy):** Parapharyngeal space roof pneumatizations
- P 32 **Cobzariu A., Bordei P., Iliescu D., Butoi G., Constanta (Romania):** Peculiarities of origin and distribution of the collateral branches of the inferior mesenteric artery

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

12:30 – 14:30

Poster Session II: Sunday March 24, 2013

12:30 – 14:30

- P 33 **Jianu A., Andrei F., Motoc A., Loreto C., Rusu M., Timisoara and Bucharest (Romania) and Catania (Italy):** The pneumatization patterns of the roof of the parapharyngeal space in CBCT
- P 34 **Motoc A., Pop E., Jianu A., Rusu M., Timisoara and Bucharest (Romania):** The vascular layers on the rostral ventrolateral medulla
- P 35 **Osakwe H., Strecu L., Frandes C., Arad and Timisoara (Romania):** Triorchidism in a torsioned testical – macroscopical and microscopical study
- P 36 **Sarikcioglu L., Donmez B., Ozsoy U., Hizay A., Antalya (Turkey):** A case with variant insertion of the coracobrachialis muscle
- P 37 **Moscu M., Fatu Vasca A.M., Vasca B., Fatu C., Iasi (Romania):** Value of scintigraphy in the diagnosis of parotid cancer

Experimental Morphology

- P 38 **Arend A., Lieberg J., Aunapuu M., Tartu (Estonia):** Apoptosis of smooth muscle cells and endothelial cells in varicose veins
- P 39 **Jörns A., Mathieu C., Gysemans C., Scott F., Wang G., Nakaya Y., Harada N., Marchetti P., Marselli L., Lenzen S., Hannover (Germany), Leuven (Belgium), Ottawa (Canada), Tokushima (Japan) and Pisa (Italy):** A view of the immune cell infiltrate and the cytokine pattern in four type 1 diabetes animal models in comparison with the human situation
- P 40 **Aunapuu M., Lieberg J., Arend A., Tartu (Estonia):** Changes in the extracellular matrix of varicose veins

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

12:30 – 14:30

Poster Session II: Sunday March 24, 2013

12:30 – 14:30

Neuroanatomy/Neurobiology

- P 41 **Cierlitz M., Holt P., Wolf C., Schäfer K-H., Gibbins I-L., Haberberger R-V., Adelaide (Australia) and Kaiserslautern (Germany):** Acetylation of histone 3 at lysine 18 in the dorsal horn of the spinal cord in response to peripheral inflammation – absence of sphingosine kinase 2
- P 42 **Saldeitis K., Happel M., Ohl F., Scheich H., Budinger E., Magdeburg (Germany):** Anatomical connections between the auditory thalamus and cortex in the mongolian gerbil
- P 43 **Mylius J., Scheich H., Budinger E., Magdeburg (Germany):** Anatomy of subcortical auditory structures in the mongolian gerbil - a golgi-study
- P 44 **Vierk R., Zhou L., Glassmeier G., Rune G., Hamburg (Germany):** Aromatase activity is essential for the maintenance of hippocampal synapses in females but not in males
- P 45 **Pfänder S., Liebau S., Grabrucker A., Boeckers T., Ulm (Germany):** Characterization of human IPSC derived neurons of diseased or control donors
- P 46 **Henschke J., Scheich H., Budinger E., Magdeburg (Germany):** Crossmodal thalamocortical and corticocortical connections of primary sensory cortices in the mongolian gerbil
- P 47 **Petzold S., Sommer B., Schwegler H., Nitsch R., Vogt J., Roskoden T., Magdeburg and Mainz (Germany):** Deficit in PRG1 gene leads to increased locomotor activity and reduced anxiety related behavior accompanied by morphological changes in mice
- P 48 **Namm A., Arend A., Aunapuu M., Tartu (Estonia):** Detection of Pax2 protein during human embryo neurogenesis

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

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Poster Session II: Sunday March 24, 2013

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- P 49 **Fischer C., Müller T., von Gall C., Korf H., Frankfurt and Düsseldorf (Germany):** Effect of melatonin signaling on POMC expression in the arcuate nucleus and hypophysis
- P 50 **Wolf C., Kaiserslautern/Zweibrücken (Germany):** Expression pattern of epigenome modifying enzymes in sensory neurons in response to nerve injury and inflammation
- P 51 **Wolf C., Vilimas P., Schäfer K., Haberberger R., Adelaide, (Australia) and Kaiserslautern/Zweibrücken (Germany):** Expression pattern of epigenome modifying enzymes in sensory neurons in response to peripheral inflammation
- P 52 **Budinger E., Brosch M., Scheich H., Mylius J., Magdeburg (Germany):** Frequency-related topography of corticofugal connections arising from the primary auditory cortex in the mongolian gerbil
- P 53 **Wagner N., Dittmann U., Heckmann M., Asan E., Neuser K., Würzburg and Martinsried (Germany):** Impairment of endosome-to-lysosome trafficking and gradual expansion of glutamate receptor fields at the aging *Drosophila* neuromuscular junction
- P 54 **Renninger C., Schwert H., Steinke M., Schmitt A., Asan E., Würzburg (Germany):** Interneuronal subpopulations in the mouse lateral and basolateral amygdala nuclei: studies on serotonin receptor expression and serotonin transporter deficiency
- P 55 **Cierlitz M., Kaiserslautern/Zweibrücken (Germany):** miRNA-486 expression and infiltration of macrophages in dorsal root ganglia in response to peripheral nerve injury. Effect of gp130 deletion
- P 56 **Heger R., Schneider P., Schwegler H., Nitsch R., Vogt J., Roskoden T., Magdeburg and Mainz (Germany):** Morphological and TMT-fear behavior deficits in PRG1 knockout mice rescued by deficit in LPA2 receptor knockout

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

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- P 57 **Pauza A., Rysevaite K., Ruksenas O., Pauza D., Vilnius and Kaunas (Lithuania):** Phenotypes and probable function of autonomic neurons of cardiac ventricles
- P 58 **Huzurudin B., Schwegler H., Simon R., Britsch S., Ulm and Magdeburg (Germany):** Regulation of mossy fiber development by the transcription factor Bcl11b/Ctip2
- P 59 **Hizay A., Sarikcioglu L., Demyrel B., Yildirim F., Demir N., Oguz N., Ordu and Antalya (Turkey):** Role of the internal plexus of the sciatic nerve
- P 60 **Wanger T., Wetzel W., Scheich H., Ohl F., Goldschmidt J., Magdeburg (Germany):** Spatial patterns of neuronal activity in rat cerebral cortex during slow-wave sleep - a thallium uptake study
- P 61 **Valeanu L., Barnerssoi M., Messoudi A., Horn A., München (Germany):** The localization and complete extent of the newly defined preganglionic Edinger-Westphal nucleus (EWpg) in human
- P 62 **Stöber F., Reymann K., Schröder U., Scheich H., Wunder A., Goldschmidt J., Berlin and Magdeburg (Germany):** The use of thallium diethyldithiocarbamate (TIDDC) for high resolution mapping of ischemic damage in acute focal cerebral ischemia
- P 63 **Stöber F., Miettinen R., Richter K., Riedel A., Budinger E., Magdeburg (Germany) and Kuopio (Finland):** VGLUT3-ir afferents of the lateral septum: anatomical evidence for a modulatory role of glutamate

Neuroimmunology

- P 64 **Kuerten S., Batoulis H., Recks M., Thomalla F., Holland F., Williams R., Addicks K., Cologne (Germany) and London (UK):** Blockade of tnf- α in experimental autoimmune encephalomyelitis reveals differential effects on the antigen-specific immune response and central nervous system histopathology: a possible reason for its failure in MS

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

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Poster Session II: Sunday March 24, 2013

12:30 – 14:30

- P 65 **Eugenia K., Höß J., Pufe T., Tauber S., Brandenburg L., Aachen (Germany):** Role of antimicrobial peptide CRAMP in inflammation and neuronal apoptosis after bacterial meningitis
- P 66 **Zhang Q., Obal J., Schöniger S., Nürnberger, Frankfurt (Germany) and Hatfield, Herts (UK):** TLR2 and TLR4 in the brain of wistar rat: in vitro studies with LPS and LTA

Neuroregeneration/Neurodegeneration

- P 67 **Pfänder S., Liebau S., Grabrucker A., Böckers T., Ulm (Germany):** Characterization of human ipsc derived neurons of diseased or control donors
- P 68 **Pick C., Stein G., Eisel L., Rachida H., Schempf G., With F., Ozsoy O., Ozsoy U., Irintchev A., Angelov D., Koebeke J., Cologne and Jena (Germany), Antalya (Turkey):** Effect of compressive spinal cord injury and whole body vibration on the morphology of the rat femur
- P 69 **Rusu M., Manoiu S., Mirancea N., Bucharest (Romania):** Glioneuronal precursors in the adult human trigeminal ganglion participate in the sheaths built-up by satellite glial cells
- P 70 **Klingenstein M., Raab S., Pfaender S., Achberger K., Liebau S., Ulm (Germany):** Modeling disease specific induced pluripotent stem cells of patients with developmental defects of the nervous system
- P 71 **Grabiec U., Koch M., Dehghani F., Kraft R., Ghadban C., Merkwitz C., Hill K., Halle and Leipzig (Germany):** N-arachidonoyl – dopamine (NADA) is a novel neuroprotective endocannabinoid
- P 72 **Lehmann J., Garreis F., Neumann C., Hemmerlein M., Paulsen F., Scholz M., Erlangen (Germany):** Osteopontin (OPN) expression and associated OPN receptor regulation of integrins and CD44 on the RGC5 cell line

Posters: Authors and Topics

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- P 73 **Raab S., Klingenstein M., Pfänder S., Liebau S., Ulm (Germany):**
Patient specific dopaminergic neurons from IPS cells as a human
in vitro model of pd associated with mutations in the LRRK2
- P 74 **Feige J., Zeeh C., Roeber S., Arzberger T., Kretschmar H., Horn
A., München (Germany):** Tau pathology in motoneurons of
extraocular muscles in progressive supranuclear palsy (PSP)
- P 75 **Pieroh, Koch, Wagner, Boltze, Ehrlich, Ghadban, Hobusch,
Birkenmeier, Dehghani, Halle and Leipzig (Germany):** The
temporal dynamics of glyoxalase 1 expression in hypoxic neuronal
injury

Cell Biology

- P 76 **Zwierzina M., Bitsche M., Blumer M., Mattesich M.,
Mitterberger M., Rostek U., Zwerschke W., Fritsch H., Innsbruck
(Austria):** Characterization and localization of Pref-1+ cells in
human subcutaneous adipose tissue
- P 77 **Jianu A., Nicolescu M., Lighezan R., Manoiu V., Paduraru D., Rusu
M., Timisoara, Bucharest and Iasi (Romania):** Esophageal
telocytes
- P 78 **Lohan A., Marzahn U., El Sayed K., Haisch A., Müller R., Kohl B.,
Stölzel K., Ertel W., John T., Schulze-Tanzil G., Berlin (Germany):**
Heterotopic and orthotopic autologous chondrocyte implantation
using a rabbit osteochondral and a minipig chondral defect model
- P 79 **Deppe C., Andrei-Selmer C., Hartmann D., Bonn (Germany):**
Knockout of the mitochondrial rhomboid protease parl causes
sarcopenia via impaired respiratory chain expression
- P 80 **Fischer R., Stubenrauch M., Fröber U., Voges D., Schilling C.,
Hofmann G., Hoffmann M., Witte H., Ilmenau and Jena
(Germany):** Microchips housing cell cultures

Posters: Authors and Topics

Poster Session I: Saturday March 23, 2013

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- P 81 **Rusu M., Vrapciu A., Didilescu A., Voinea L., Bucharest and Galati (Romania):** The c-kit receptor in human adult retina
- P 82 **Stoeckelhuber M., Scherer E., Janssen K., Slotta-Huspenina J., Loeffelbein D., Rohleder N., Nieberler M., Hasler R., Kesting M., Munich (Germany):** The human submandibular gland: immunohistochemical analysis of SNAREs and cytoskeletal proteins
- P 83 **Hoyer M., Lohan A., Meier C., Breier A., Heinrich G., Rentsch C., Ertel W., Garbe L., Schulze-Tanzil G., Berlin and Dresden (Germany):** Tissue engineering strategies to establish the ligamentous part of the anterior cruciate ligament using biodegradable embroidered scaffolds
- P 84 **Rusu M., Vrapciu A., Didilescu A., Voinea L., Bucharest and Galati (Romania):** Uveal interstitial cells in humans

Developmental Biology

- P 85 **Böing M., Balakrishnan-Renuka A., Wang B., Yusuf F., Patel K., Otto A., Morosan-Puopolo G., Brand-Saberi B., Bochum (Germany):** ATOH8, a regulator of skeletal myogenesis is influenced by notch signaling pathway
- P 86 **Halacheva V., Viebahn C., Goettingen (Germany):** Bilateral brachyury expression domains after Rho-kinase inhibition in the mammalian embryo
- P 87 **Didilescu A., Pop F., Rusu M., Bucharest (Romania):** C-kit positive cells and networks in tooth germs of human midterm fetuses
- P 88 **Börner A., Hartmann D., Bonn (Germany):** Defective body wall segmentation caused by PSEN1 deficiency is strictly region – specific and accompanied by impaired PNS development
- P 89 **Radu A., Paiusan L., Frandes C., Arad (Romania):** Sirenomelia- case report

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12:30 – 14:30

P 90 **Frandes C., Radu A., Arad (Romania):** The immunohistochemical expression of vascular changes at placental level using antibody anti-VEGF

P 91 **Pechriggl E., Bitsche M., Blumer M., Fritsch H., Innsbruck (Austria):** The male urethra: spatiotemporal distribution of molecular markers during its early development

Reproductive Biology

P 92 **Szczyrba J., Wandernoth P., Aumüller G., Mannowetz N., Wennemuth G., Homburg and Marburg (Germany):** Distribution of neuroendocrine cells during prostate development

P 93 **Schoen K., Plendl J., Dietze K., Kaessmeyer S., Berlin (Germany):** Expression of endothelial progenitor markers in defined stages of the bovine corpus luteum

Peripheral and vegetative nervous system

P 94 **Becker J., Wilting J., Göttingen (Germany):** esVEGFR-2, an endogenous inhibitor of lymphangiogenesis, is expressed in human embryonic tissues and down-regulated in advanced neuroblastoma

P 95 **Jabari S., da Silveira A., Neuhuber W., Brehmer A., Erlangen (Germany) and Gerais (Brazil):** Innervation of the muscularis mucosae (mm) in non-chagasic colon and chagasic megacolon

P 96 **Zimmermann J., Scheibe M., Hummel T., Witt M., Dresden and Rostock (Germany):** Real-time PCR of trigeminal receptor mRNAs in human nasal biopsies

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Central nervous system/signal transduction and connections

- P 97 **Schwarz A., Stein G., Eisel L., Harrach R., Schempf G., With F., Ozsoy O., Ozsoy U., Irintchev A., Angelov D., Cologne and Jena (Germany), Antalya (Turkey):** Spared axonal bundles after spinal cord compression provide sufficient trophic support to prevent hindlimb muscle atrophy
- P 98 **Abdulla D., Stein G., Papamitsou-Sidoropolou T., Manthou-Halvadzi M., Eisel L., Harrach R., Schempf G., With F., Ozsoy O., Ozsoy U., Irintchev A., Angelov D., Cologne and Jena (Germany), Thessaloniki (Greece) Antalya (Turkey):** Whole-body vibration attenuates microglial activation in the chronically injured rat spinal cord in an onset-dependent manner
- P 99 **Moscarino S., Rehberg F., Stein G., Angelova S., Masson I., Wolfsdorff N., Irintchev A., Angelov D., Cologne and Jena (Germany):** Whole-body vibration therapy applied two times daily fails to improve hind limbs motor recovery in spinal cord-injured rats
- P 100 **Rehberg F., Moscarino S., Stein G., Angelova S., Masson I., Wolfsdorff N., Irintchev A., Angelov D., Cologne and Jena (Germany):** Whole-body vibration therapy applied two times daily does not alter motoneuron excitability in spinal cord-compression injured rats

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General information

President of the Anatomische Gesellschaft

Prof. Dr. med. Hermann-Josef Rothkötter
Institut für Anatomie
Otto-von-Guericke-Universität Magdeburg
Leipziger Straße 44
39120 Magdeburg

Phone +49 (0)391 67 13600
Fax +49 (0) 391 67 13630
hermann-josef.rothkoetter@med.ovgu.de

Secretary of the Anatomische Gesellschaft

Prof. Dr. med. Friedrich Paulsen
Institut für Anatomie II
Universität Erlangen-Nürnberg
Universitätsstraße 19
91054 Erlangen

Tel +49 (0)9131 8522865
Fax +49 (0)9131 8522862
Friedrich.Paulsen@anatomie2.med.uni-erlangen.de

General information

Local Scientific Organization

Prof. Dr. rer. nat. Herbert Schwegler
herbert.schwegler@med.ovgu.de

Prof. Dr. rer. nat. Rüdiger Linke
ruediger.linke@med.ovgu.de

PD Dr. med. Thomas Roskoden
thomas.roskoden@med.ovgu.de

Prof. Dr. med. Hermann-Josef Rothkötter
hermann-josef.rothkoetter@med.ovgu.de

Institut für Anatomie
Otto-von-Guericke-Universität Magdeburg
Leipziger Straße 44
39120 Magdeburg

Phone +49 (0)391 67 13600
Fax +49 (0) 391 67 13630

Local Organization

All members of the Institut für Anatomie, Magdeburg

Correspondence and Meeting Secretaries

Ursula Wiegand, Andrea Kröber
Institut für Anatomie
Otto-von-Guericke-Universität Magdeburg
Leipziger Straße 44
39120 Magdeburg

Phone +49 (0)391 67 13600
Fax +49 (0) 391 67 13630

Congress Venue and Lecture Halls

Otto-von-Guericke-University Magdeburg
Campus Universitätsklinikum, Leipziger Straße 44,
39120 Magdeburg

General information

Meeting Office - Registration Desk

Mensa Haus 41	
Friday, March 22	12:00 – 18:30
Saturday, March 23	08:00 – 17:30
Sunday, March 24	08:30 – 18:30
Haus 28 Theoretical Lecture Hall	
Monday, March 25	08:00 – 14:30

Registration Fees

Members of the Anatomische Gesellschaft	160 €
Non-members	220 €
Students	65 €
Lunch buffett, per day	8 €

Oral Presentation

The official congress language is English. We would like to ask all speakers to respect the designated time schedule. If your session is in the morning, please submit your presentation the **preceding evening**. All speakers are kindly asked to provide their presentation as Powerpoint data on an USB-Stick, and to hand it over to the registration desk in the Mensa, Haus 41 at least **one hour** before the beginning of the session. Audio visual equipment (Windows PC with USB-port and video beamer) is installed in the lecture halls. Presentation software is Windows Power Point.

Abstracts

Abstracts of all submitted contributions will be published online on the homepage of the Anatomische Gesellschaft as pdf-files:
<http://www.anatomische-gesellschaft.de>

Poster Sessions

Posters will be presented in the Mensa, Haus 41. Thumbtacks for poster mounting are available be at the registration desk. Please mount your poster on Saturday, March 23 until 11:00. All posters should be on display throughout the meeting. Poster session I (Saturday, March 23) is dedicated for all posters with odd numbers, Poster session II (Sunday, March 24) is dedicated for all posters with even numbers. Please remove the posters on Sunday, March 24, until 18:00.

General information

Maximum Poster Size is A0

90 x 130 cm portrait format - **not** landscape

The poster committee will evaluate the posters for the poster prizes at the time of the authors' presence.

Poster Prize

The Anatomische Gesellschaft awards four poster prizes during the 108th Annual Meeting of the Anatomische Gesellschaft in Magdeburg 2013. The poster awards are kindly sponsored by Elsevier, München/Berlin.

Industrial exhibition

The exhibition is located in the Mensa, Haus 41 and will be open until Sunday, March 24, 16:30.

Coffee Breaks and Lunch

Coffee breaks will be offered close to the Theoretical Lecture Hall, Haus 28 and in the Atrium of the Leibniz-Institute.

Lunch will be offered in the Mensa, Haus 41.

General information



General information

General Assembly (Mitgliederversammlung) of the Anatomische Gesellschaft

Sunday, March 24, 2013, 16:45- 18:30, Theoretical Lecture Hall, Haus 28

Vorläufige Tagesordnung

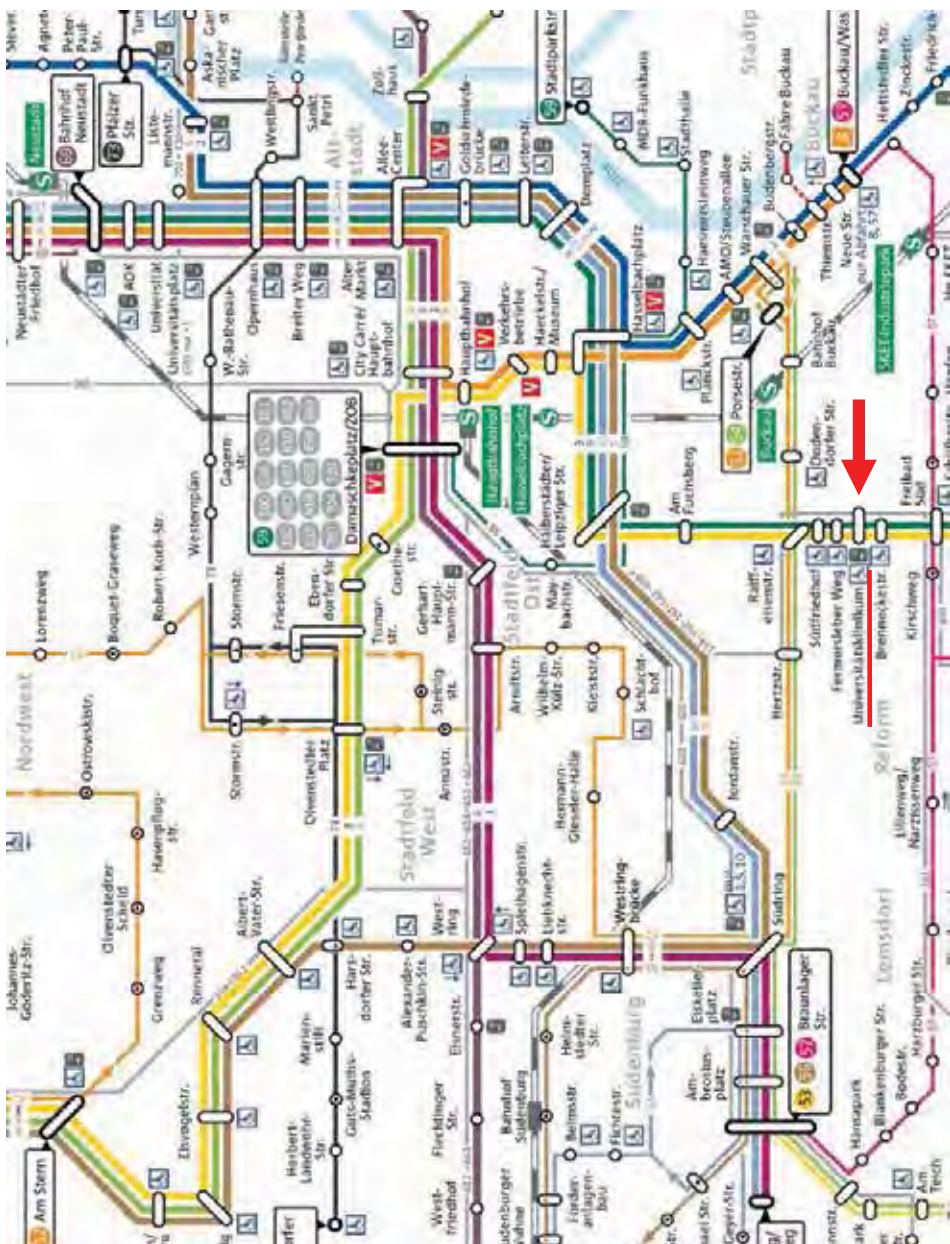
1. Begrüßung und Genehmigung der Tagesordnung
2. Bericht des Vorsitzenden
3. Bericht des Schriftführers
4. Wahl der Ethikkommission
5. Weiterbildungsordnung
6. Zukünftige Versammlungen: Einladungen der Anatomischen Gesellschaft (Rostock, Göttingen, Timisoara/Rumänien, München)
7. Verschiedenes

How to reach the Otto-von-Guericke-University, Medical Campus (Universitätsklinikum)

From Magdeburg Main Station

1. Take Tram Line 3 (direction Leipziger Chaussee/Reform) to “Universitätsklinikum”
2. Take Tram Line 8 (direction Buckau) to Hasselbachplatz, then Tram line 3 or line 9 (both direction Leipziger Chaussee/Reform) to “Universitätsklinikum”

General information



General information

By Car

1. From direction Berlin or Hannover

Leave A2 at exit "Magdeburg Zentrum" and follow the B71/189 direction Halberstadt, leave B71 at exit "Brenneckestraße", then turn left. At the next crossroads with traffic lights (Brenneckestraße/Leipziger Str) turn left. Take another left turn at the next crossroads with traffic lights (Leipziger Str./Fermersleber Weg). After about 500 m the entrance of Universitätsklinikum is on the left side. Parking on the medical campus is possible for 3,50 € per day.

2. From direction Leipzig

Leave A14 at exit "Magdeburg Reform", turn right in direction Magdeburg. At the crossroads with traffic lights turn right into "Ottersleber Chaussee". After 100m turn left at the traffic lights into "Leipziger Chaussee". At the crossroads (Leipziger Str./Fermersleber Weg) turn left. After about 500 m the entrance of Universitätsklinikum is on the left side.

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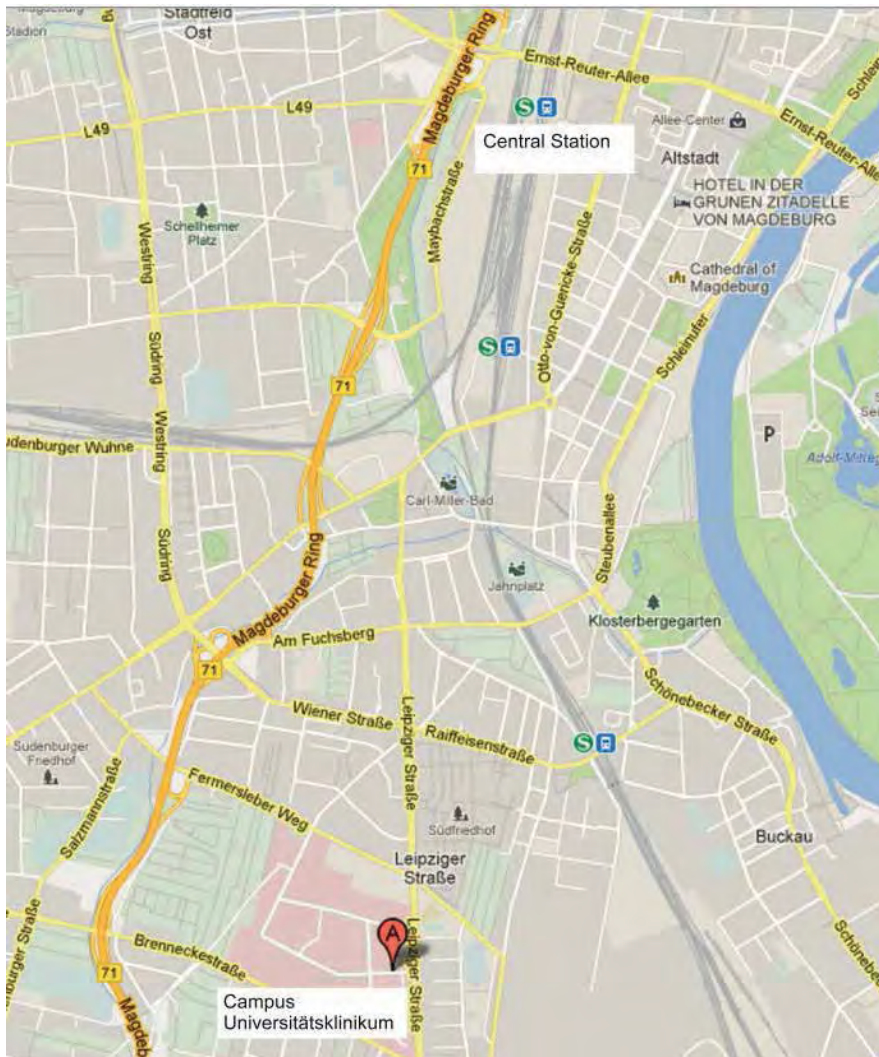
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General information

Map of the inner part of the city/route to the “Campus Universitätsklinikum”



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Social Programme

Opening Ceremony and Get-Together Party

Friday, **March 22**, 2013 | 18:00

Mensa, Haus 41, Campus Universitätsklinikum

Organ Concert

Saturday, **March 23**, 2013 | 18:15

Magdeburg Cathedral (Magdeburger Dom)

Walking Concert: Cathedral Organist Barry Jordan plays “Pictures of an Exhibition” by Modest Mussorgsky and “Rhapsody in Blue” by George Gershwin

See: <http://www.magdeburgerdommusik.de/>

Congress Dinner and Party at the Straßenbahnmuseum

Sunday, **March 24**, 2013 | 19:30

Museumsdepot Sudenburg, Halberstädter Straße 133, 39112 Magdeburg:
Tramway to Halberstädter Straße, change to Line 10, direction Sudenburg,
stop „Ambrosiusplatz“ (see next page)

See: <http://www.ignah.net/ignahenglish.html>

Ticket: 55 € - food and beverages included

Special Guests: *Dezernat 6* and *Herbert and the Anatomics*

Social Programme

Way to the “Museumsdepot Sudenburg” - Location of the Congress Dinner and Party



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Sponsors

Industrial Exhibitors and Sponsors of the Annual Meeting

Sonderforschungsbereich SFB 854: Molekulare Organisation der zellulären Kommunikation im Immunsystem

Sonderforschungsbereich SFB 779: Neurobiologie motivierten Verhaltens

Elsevier, München/Berlin

Somso, Coburg

Leica, Wetzlar

WolfVision GmbH, Klaus, Austria

Diatome Ltd., Biel-Bienne, Switzerland

PeproTech GmbH, Hamburg

Life Technologies GmbH

PAN Biotech GmbH, Aidenbach

Sarstedt AG & Co., Nürmbrecht

ThermoFisher Scientific, St. Leon-Rot

Sectra Medical Systems GmbH, Köln: Sectra is presenting their products
on Friday, March 22, 2013 between 15:00 and
17:00 in the Theoretical Lecture Hall, Haus 28

UFSK, Regensburg

108th Annual Meeting | Overview

Day	Time	Theoretical Lecture Hall, Haus 28	Time	Ebbinghaus-Room, Leibniz-Institute	Mensa, Haus 41	Social Program
Friday March 22	15:00 - 17:00	Technical Demonstration			18:00: Opening Ceremony 108. Annual Meeting	20:00 Get-Together Party Mensa, Haus 41
	08:30 - 12:30	Main Topic I				
	14:30 - 15:45	Main Topic I	14:30 - 15:45	Cell biology	12:30 - 14:30 Poster Session I and LUNCH	18:15 Organ Concert, Magdeburger Dom
Saturday March 23	16:00 - 17:00	Main Topic I	16:00 - 17:00	Cell biology		
	09:00 - 13:00	Main Topic II				
	14:30 - 16:30	Main Topic II	15:15 - 16:30	Cell biology	12:30 - 14:30 Poster Session II and LUNCH	19:30 Dinner and Congress Party at the Straßenbahn- Museum
Sunday March 24	16:45 - 18:30	General Assembly				
	08:30 - 10:30	Neurobiology/ Development	08:30 - 10:30	Re-/Degeneration - Cell biology		
	11:00 - 12:45	Neurobiology/ Development	11:00 - 12:45	Re-/Degeneration - Cell biology	13:30 LUNCH	
Monday March 25	13.00	Closing Ceremony				