



111TH ANNUAL MEETING

GÖTTINGEN | 2016, SEPTEMBER 21–24

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Academy Forensic Medicine Pathology

Members of the Anatomische Gesellschaft and the Anatomical Society (UK)

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OVERVIEW OF FRINGE EVENTS AND SOCIAL PROGRAM

Wednesday, Sept. 21	9:00 – 16:00 Preconference Workshop	On-Site, Anatomy (Large lecture hall)
	17:00 Opening Ceremony	Off-Site Great Hall, Aula am Wilhelmsplatz
	19:00 Opening Reception	Off-Site Great Hall, Aula am Wilhelmsplatz
Thursday, Sept. 22	19:30 Welcome&Drinks	Off-Site Adam-von-Trott-Saal, Alte Mensa
	20:00 Congress Dinner	Off-Site Adam-von-Trott-Saal, Alte Mensa
Friday, Sept. 23	18:30 – 20:30 General Assembly	On-Site, Anatomy (Large lecture hall)
	21:00 Get Together	Kartoffelhaus Goetheallee 8, Göttingen
	22:00 Party	EinsB Nikolaistraße 1b, Göttingen
Saturday, Sept. 24	12:15-12:45 Closing Ceremony (with Awards)	On-Site Anatomy (Large lecture hall)
	13:45-15:45 Postconference- Workshop	On-Site Anatomy (Library)

Preconference Workshop: “Teaching in Anatomy”

This workshop (largely held in German) aims at continuing the successful first such event at the Salzburg meeting in 2014. In Göttingen, we want to broaden the scope by adding lectures dealing with medical teaching in general, anatomy teaching in particular and the future organization of medical teaching in reformed curricula. The agenda still contains “exemplary student lectures” to feature the natural variety of such a format. Since teaching is a common ground for all anatomists, this is also a good starting point to get to know new colleagues from other research areas or to appreciate new activities of well-known colleagues.

The preconference workshop is dedicated to the 90th birthday of Prof. Dr. Drs. h.c. mult. Andreas Oksche (Gießen), honorary member of the Anatomische Gesellschaft. For a recent praise, see:

<http://anatomische-gesellschaft.de/data/uploads/content/news/laudatio-oksche-90-jahre-final.pdf>

08:00 – 09:00	Registrierung und Kaffee
09:00 – 09:05	Begrüßung Jochen Staiger
09:05 – 10:00	Keynote Lecture (Moderator: Prof. Dr. Tobias Böckers) Prof. Dr. Tobias Raupach “Medizinische Lehre im 21. Jahrhundert”
Coffee break	
10:30 – 11:30	Modul 1: Nervensystem (Moderator: Prof. Dr. Ingo Bechmann) Prof. Dr. Horst-Werner Korf : “Circadianes System” Dr. Mirko Witte : “Pyramidenbahn”

11.30 – 12.30

Modul 2: Mesoderm und seine Derivate

(Moderator: Prof. Dr. Beate Brand-Saberi)

Prof. Dr. Martin Scaal: „Mesodermentwicklung“**Prof. Dr. Jens Waschke:** „Gefäße und Erkrankungen“

12.30 – 14.00

Lunch

Mensa am Turm

14.00 – 15.00

Modul 3: Lehrformen und Modellstudiengänge

(Moderator: Prof. Dr. Eveline Baumgart-Vogt)

Prof. Adelheid Kuhlmei(Prodekanin für Studium und Lehre): „Modellstudiengang Medizin in Berlin“**Prof. Richard Drake (Director of Anatomy, Professor of Surgery, Cleveland Clinic Lerner College of Medicine):** „Anatomy Education: What's next?“

Coffee break

15.30 – 16.30

Modul 4: : Innovative Lehrkonzepte

(Moderator: Prof. Dr. Thomas Deller)

PD Dr. Björn Spittau: „Radiologie im Präparierkurs“**Prof. Dr. Markus Kipp :** „Lehrkonzept „3D-Anatomie“

Opening Ceremony

Wednesday | 17:00 | Great Hall (Aula am Wilhelmsplatz)

Music

*Members of the GBO
(Göttinger Barockorchester)*

Musical prelude

Words of welcome: Prof. Dr. Süleyman Ergün, Acting President of the Anatomische Gesellschaft

Words of welcome: Prof. Dr. Heyo Kroemer, Dean of the Medical Faculty (UMG)

Words of welcome: Prof. Dr. Jochen Staiger, Managing Director of the Center Anatomy (UMG)

Musical interlude

Presentation of the Nachwuchs-Preis

Presentation of the Waldeyer-Preis

Musical interlude

Guest lecture: Nick Hopwood (Cambridge, UK)

„Haeckel's Embryos: Images, Evolution and Fraud“

Musical finale

Final words: Prof. Dr. Christoph Viebahn

Opening Reception

Wednesday | 19:00 | Great Hall (Aula am Wilhelmsplatz)

08:30 – 09:30		Main Topic I (Physiological programs, self-organization and pathology in development) Anatomy (Large lecture hall)
08:30 – 09:00		Keynote I (Eddy de Robertis, Los Angeles) “Morphogen gradients from Spemann’s organizer and the integration of vertebrate anatomy”
09:00 – 09:30		Keynote II (Cliff Tabin, Boston) “Integration of mechanical forces and signaling pathways in morphogenesis of the gut”
09:30 – 10:30		Oral Session 1 (Main Topic I, Developmental Biology) Anatomy (Large lecture hall)
09:30 – 09:45	1	Eckert P., Heermann S. Freiburg (Germany) “A new concept for vertebrate eye morphogenesis, impacting on optic fissure formation and fusion”
09:45 – 10:00	2	Geyer S., Reissig L., Rose J., Szumska D., Wilson R., Mohun T., Weninger W. Vienna (Austria), Oxford and London (UK) “The DMDD project: phenotype of e14.5 mouse embryos derived from 60 knock-out lines that produce embryonically lethal offspring “
10:00 – 10:15	3	Lutz D., Schachner M., Frotscher M. Hamburg (Germany), Piscataway NJ (USA) “Genetic and epigenetic signature of reelin and the cell adhesion molecule I1 (I1cam) in brain development and neuropsychiatric disease”

10:15 – 10:30	4	Raab S., Klingenstein M., Kleger K., Liebau S. Tübingen and Ulm (Germany) “There is no mesenchymal-to-epithelial-transition (met) while somatic cell reprogramming to ipscs”
10:30 – 11:00		Coffee break
11:00-13:00		Oral Session 2a (Cell Biology) Anatomy (Large lecture hall)
11:00 – 11:15	5	Adamski V., Hattermann K., Synowitz M., Held-Feindt J. Kiel (Germany) “Glioma cells on the run: characterization of fast migrating glioma –“ guerilla” –cells”
11:15 – 11:30	6	Busch M., Große-Kreul J., Winter C., Pikos S., Stephan H., Dünker N. Essen (Germany) “Impact of forced trefoil factor family peptide 3 (tff3) expression on growth, viability, migration and tumorigenicity of human retinoblastoma cell lines”
11:30 – 11:45	7	Costello J. L., Castro I. G., Camoes F., Schrader T., McNeall D., Gomes S., Giannopoulou E.-A., Pogenberg V., Bonekamp N. A., Ribeiro D., Wilmanns M., Schrader M., Islinger M. Exeter (UK), Aveiro (Portugal), Hamburg and Heidelberg (Germany) “Targeting of tail-anchored proteins to different subcellular compartments is controlled by interplay of tail polarity and hydrophobicity of the transmembrane domain”

- 11:45 – 12:00 8 **Dogliotti G., Panichkina O., Thiele C., Dhumale P., Kullmann L., Mendl G., Houben R., Haferkamp S., Püschel A. W., Krahn M. P. Regensburg, Münster and Würzburg (Germany)**
- “Membrane-binding of Ikb1 and its activation by phospholipids is essential for its function in cell cycle control and tumour suppression”
- 12:00 – 12:15 9 **Endlich N., Blumenthal A., Schmidt K., Kindt F., Tharaux P.-L., Artelt N., Lindenmeyer M., Cohen C. D., Döring F., Maciejewski R., Kuss A. W., Amann K., Kabgani N., Moeller M. J., Klieve F., Endlich K. Greifswald, München, Erlangen and Aachen (Germany), Paris (France)**
- “The transcription factor dach1 is essential for podocyte differentiation and function”
- 12:15 – 12:30 10 **Hohmann T., Feese K., Grabiec U., Ghadban C., Dehghani F. Halle/Saale (Germany)**
- “Cytoskeletal properties as a marker for invasiveness in glioblastoma?”
- 12:30 – 12:45 11 **Karnati S., Scherer K. M., Pilatz A., Baumgart-Vogt E. Giessen (Germany), London (UK)**
- “Super resolution microscopy of peroxisomes”
- 12:45 – 13:00 12 **Willière Y., Borschewski A., Patzak A., Nikitina T., Sendeski M., Dittmayer C., Bachmann S., Mutig K. Berlin (Germany)**
- “Caveolae promote urinary concentration via vascular and epithelial mechanisms”

11:00 – 13:00		Oral Session 2b: Neuroanatomy/Neurobiology On-Site Physiology (Large lecture hall)
11:00 – 11:15	13	Balmer J., Barnard A., Singh M., Moralli D., Green C., MacLaren R. Oxford (UK) and Baltimore (USA) “Donor photoreceptor cell behaviour post transplantation in the mouse eye”
11:15 – 11:30	14	Frintrop L., Liesbrock J., Paulukat L., Johann S., Kas M. J., Tolba R., Heussen N., Neulen J., Konrad K., Herpertz-Dahlmann B., Beyer C., Seitz J. Aachen (Germany), Utrecht (The Netherlands) “Reduced brain volume and astrocyte density in activity-based anorexia rats”
11:30 – 11:45	15	Gilloteaux J., Bouchat J., Couturier B. Namur, Bruxelles (Belgique) “Ultrastructural aspects of thalamus damages in a mouse model of osmotic demyelination syndrome: demyelination associated with oligodendrocyte injuries”
11:45 – 12:00	16	Harrach D., von Holst A. Heidelberg and Mainz (Germany) “The chondroitin sulfate code hypothesis for signaling in the neural stem cell niche”
12:00 – 12:15	17	Johann S., Debye B., Beyer C. Aachen (Germany) “Neurodegeneration in the anterior thalamus of SOD1(G93A) ALS mice”

12:15 – 12:30	18	Klingenstein M., Raab S., Liebau S. Tübingen (Germany)
		“In vitro generation of olfactory receptor neurons (orns)”
12:30 – 12:45	19	Ott B., Dahlke C., Saberi D., Brand-Saberi B., Schmitt-John T.,Theiss C.; Bochum (Germany)
		“Pathologic alterations in the sensory system of the wobbler mouse, an animal model for the sporadic form of amyotrophic lateral sclerosis”
12:45 – 13:00	20	Pieroh P., Wagner D.-C., Grabiec U., Boltze J., Ehrlich A., Ghadban C., Hobusch C., Birkenmeier G., Dehghani F. Halle/Saale and Leipzig (Germany)
		“Neuronal protection of ethyl pyruvate in excitotoxicity is microglia independent”
13:00 – 13:10		Conference Picture
		Anatomy (Large lecture hall)
13:10 – 14:00		Lunch
		Mensa am Turm
14:00 – 14:30		Poster Preview Session I (even numbers)
		Anatomy (Large lecture hall)
14:30 – 16:00		Poster Session I (even numbers) with coffee
		Anatomy (Old dissection hall)
16:00 – 16:30		Main topic II (Establishing neuronal connectivity from synaptogenesis to functional circuits) Keynote III (Tobias Moser, Göttingen)
		Anatomy(Large lecture hall)
		“Hearing: development, function and restauration”

B.N. Tillmann

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mit Muskeltabellen

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Bernhard Tillmann

Atlas der Anatomie

mit Muskeltabellen

3. Auflage

 Springer

Ideale Anleitung zum Präparieren

- Über 70 neue und zahlreiche überarbeitete Abbildungen
- Komplett überarbeitete Muskeltabellen mit Abbildungen zur Oberflächenanatomie, erweiterten Tabellen und Muskelverläufen
- Aktualisierung der klinischen Hinweise

Der Atlas mit seinen über 1400 Abbildungen umfasst die gesamte Makroskopische Anatomie des Menschen in einem Band. Er wendet sich an Studierende der Humanmedizin und eignet sich dank des studentenfreundlichen Preises und des handlichen Formates hervorragend für den Präparierkurs. Da die meisten Abbildungen am Präparat entstanden sind, ist der Atlas auch eine ideale Anleitung zum Präparieren. Aufgrund der abbildungsbezogenen klinischen Hinweise ist er eine Hilfe bei der Vorbereitung zum Staatsexamen sowie zur Facharztprüfung vor allem in chirurgischen und neurologischen Fächern. Die lernfreundlichen, neu gestalteten Muskeltabellen werden Studierende der Sportwissenschaften und der Physiotherapie ebenfalls zu schätzen wissen.

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16:30 – 18:30		Young Investigator Award Session I Anatomy (Large lecture hall)
16:30 – 16:45	21	Anstötz M., Lee S. K., Neblett T., Maccaferri G., Rune G. Hamburg (Germany), Chicago (USA) “Cajal-Retzius cells in the developing and mature hippocampus”
16:45 – 17:00	22	Hochstrasser T., Haag R., Roggenkamp C., Kramer F., Kipp M. Munich (Germany) “Signature of neurodegeneration in an animal model of multiple sclerosis”
17:00 – 17:15	23	Imig C., Man K. M., Rhee JS., Brose N., Wojcik S. M., Cooper B.H. Göttingen (Germany) “Distinct molecular requirements of synaptic vesicle and large dense-core vesicle docking”
17:15 – 17:30	24	Jamann N., Corcelli C., Wagener R., Staiger J.F., Schultz C., Engelhardt M. Mannheim and Göttingen (Germany), Geneva (Switzerland) “Short- and long-term plasticity of the axon initial segment in the mouse barrel cortex”

17:30 – 17:45	25	Körber C., Harrach D., Kuner T. Heidelberg (Germany)	“Extracellular matrix ensures temporally precise high frequency synaptic transmission”
17:45 – 18:00	26	Petkova A., Gödecke N., Korte M., Dresbach T. Göttingen and Braunschweig (Germany)	„Neurologins and bdnf: trassynaptic teamwork“
18:00 – 18:15	27	Schön M., Reichel J. M., Demestre M., Putz S., Schmeißer M.J., Böckers T. M. Ulm (Germany)	“Super-resolution microscopy detects presynaptic localization of the als-associated rna-binding protein fus”
18:15 – 18:30	28	Zwirner J., Möbius D., Bechmann I., Arendt T., Hoffmann K.-T., Jäger C., Lobsien D., Möbius R., Planitzer U., Winkler D., Morawski M., Hammer N. Leipzig (Germany), Otago (New Zealand)	“Subthalamic nucleus volumes are highly consistent but decrease age-dependently –a combined magnetic resonance imaging and stereology approach in humans”
18:30 – 19:00		Break	

Welcome & Drinks

Thursday | 19:30 |

Congress Dinner

Thursday | 20:00 |

“Adam-von-Trott-Saal”, Tagungs- und Veranstaltungshaus Alte Mensa,
Wilhelmsplatz 3, Göttingen

Congress Dinner

For the Congress Dinner we welcome you to our very recently renewed ‚Alte Mensa‘, which is now a splendid location for such festivity at the Wilhelmsplatz right in the center of Göttingen. After a welcome drink, a delicious buffet dinner will be opened (including vegetarian dishes). Please bring your dinner voucher with you to obtain admission.

The Adam-von-Trott-Saal is named after an eminent member of the resistance group ‘Kreislauer Kreis’. Dr. jur. Adam von Trott zu Solz, a graduate from the University of Göttingen, was sentenced to death by the Nazi regime after the attempted Hitler assassination by Claus Schenk Graf von Stauffenberg (for further information see <https://www.uni-goettingen.de/en/488780.html>).

08:30 – 9:00		Guest Lecture II (Toyoshi Fujimoto, Nagoya) Anatomy (Large lecture Hall) "Membrane lipid domain and autophagy of lipid droplets"
09:00 – 09:30		Main topic I Keynote IV(Anne Eichmann, New Haven) Anatomy (Large lecture Hall) "Guidance receptors in vascular patterning"
09:30 – 10:30		Oral Session 3a (Main topic I) Anatomy (Large lecture Hall)
09:30 – 09:45	29	Ferlemann F., Menon V., Condurat L., Pruszek J. Freiburg (Germany) "Flow-cytometric identification and small molecule-based modulation of neuroblastoma subpopulations in vitro"
09:45 – 10:00	30	Jászai J., Rojo Arias J. E., Montecino Garrido H., Economopoulou M., Morawietz H., Funk R.H.W. Dresden (Germany) "Aflibercept counteracts pathological neovascularization, modulates inflammation and triggers a tip cell-driven regeneration of the retinal vasculature after hypoxic damage in mice"
10:00 – 10:15	31	Kotb A., Dombrowski F., Amann K., Zimmermann U., Chluba J., Huber T., Endlich K., Endlich N. Greifswald, Erlangen and Freiburg (Germany), Assiut (Egypt), Dijon (France) "Knockdown of apol1 induces autophagy in the zebrafish pronephros"

- 10:15 – 10:30 32 **Reichel T., Männer J.
Göttingen (Germany)**
- “Cardiac looping and the early topogenesis of the atrioventricular canal (avc) in the embryonic chick heart”
- 09:30 – 10:30 **Oral Session 3b (Neuroimmunology)**
Physiology (Large lecture hall)
- 09:30 – 09:45 33 **Attaai A., Gilsbach R., Krieglstein K., Spittau B.
Freiburg (Germany)**
- “Microglia functions and phenotypes during postnatal development of the nigrostriatal system”
- 09:45 – 10:00 34 **Haider G., Wiegand S., Spies E., Braun A.,
Kummer W., Nassenstein C.
Giessen and Hannover (Germany)**
- “Effects of trpa1 agonists on murine airways”
- 10:00 – 10:15 35 **Scheld M., Kipp M., Rütther B., Denecke B.,
Ohl K., Pabst O., Beyer C., Clarner T.
Aachen and Munich (Germany)**
- “The role of microglia-derived signaling molecules as a brain-intrinsic trigger for blood-brain barrier breakdown in multiple sclerosis”
- 10:15 – 10:30 36 **Zöller T., Schneider A., Kleimeyer C.,
Krieglstein K., Spittau B.
Freiburg (Germany)**
- “Abrogation of microglial tgf-beta signalling results in distinct microglia phenotypes in vitro and in vivo”

10:30 – 11:00 Coffee break

11:00 – 13:00 **Young Investigator Award Session II**
Anatomy (Large lecture hall)

11:00 – 11:15 37 **Brauns A.-K., Baumgart-Vogt E., Lüers G. H.**
Hamburg and Giessen (Germany)

“Peroxisomes are essential for germ cell development”

11:15 – 11:30 38 **Endlich N., Lange T., Kuhn J., Klemm P., Kotb A., Siegerist F., Lindenmeyer M. T., Cohen C. D., Rettig R., Lendeckel U., Zimmermann U., Amann K., Fiene B., Stracke S., Endlich K.**
Greifswald, Munich and Erlangen (Germany)

“Bdnf: mrna expression in urine cells of patients with chronic kidney disease and its role in kidney function”

11:30 – 11:45 39 **Lange T., Valentiner U., Wicklein D., Maar H., Labitzky V., Brauns A.-K., Riecken K., Boernchen C., Kiefmann R., Abraham V., DeLisser H., Gemoll T., Habermann J., Sauter G., Otto B., Streichert T., Wolters-Eisfeld G., Schumacher U.**
Hamburg and Luebeck (Germany), Pennsylvania (USA)

“E-selectin ligand binding affinity to determine anti-metastatic efficacy of proteasome inhibition”

11:45 – 12:00 40 **Panichkina O., Lagleder L., Sun R., Krahn M.**
Regensburg (Germany)

“Par-6 functions as a tumor suppressor regulating cell polarity and hippo signaling by preventing degradation of pals1”

- | | | |
|---------------|----|---|
| 12:00 – 12:15 | 41 | <p>Pieper T. K., Carpaïj M., Sang H., Viebahn C., Tsikolia N. Göttingen (Germany), Edinburgh (Scotland)</p> <p>“Hensen’s node of the chick bears matrix filled microcavities prior to morphological node asymmetry“</p> |
| 12:15 – 12:30 | 42 | <p>Schinner C., Schlipp A., Rötzer V., Messoudi A., Horn A., Vielmuth F., Spindler V., Waschke J. Muenchen (Germany)</p> <p>“Plakoglobin is Required for Positive adhesiotropy in Cardiomyocytes“</p> |
| 12:30 – 12:45 | 43 | <p>Tohidnezhad M., Heigl T., Barahmand Pour N., Bergmann C., Bienert M., PapeH.-C., Neuss-Stein S., Fischer H., Lichte P., Pufe T. Aachen (Germany)</p> <p>“Regeneration of critical size bone defects via the implantation of novel β tricalcium phosphate scaffolds in transgenic mice“</p> |
| 12:45 – 13:00 | 44 | <p>Vielmuth F., Loschke F., Magin T. M., Waschke J., Spindler V. Muenchen and Leipzig (Germany)</p> <p>“Desmoglein 3 binding properties depend on keratin filaments“</p> |
| 13:00 – 14:00 | | <p>Lunch</p> <p>Mensa am Turm</p> |
| 14:00 – 14:30 | | <p>Poster Preview Session II (odd numbers)</p> <p>Anatomy (Large lecture hall)</p> |

14:30 – 16:00		Poster Session II(odd numbers) with coffee Anatomy (Old dissection hall)
16:00 – 16:30		Main topic II(Establishing neuronal connectivity from synaptogenesis to functional circuits) Keynote V (Moritz Helmstädter, Frankfurt) “Cerebral Cortex Connectomics”
16:30 – 18:00		Oral Session 4a (Main topic II) Anatomy (Large lecture hall)
16:30 – 16:45	45	Bicker F., Schmidt M. H. Mainz (Germany) “Neurovascular Egfl7 regulates subventricular neural stem cells, neurogenesis and olfactory perception”
16:45 – 17:00	46	Ghelani T., Göttfert F., Ebrecht T. R., Wouters F., Wittenmayer N., Dresbach T. Göttingen (Germany) “The orientation and organization of the presynaptic active zone protein bassoon: from the golgi to the synapse”
17:00 – 17:15	47	Höfflin F., Jack A., Corcelli C., Bucher J., Schultz C., Wahle P., Engelhardt M. Mannheim and Bochum (Germany) “Heterogeneity of the axon initial segment in interneuron and pyramidal cells of rat visual cortex”

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| 17:15 – 17:30 | 48 | <p>Schmeisser M., Peter S., Reinelt C., Halbedl S., Reim D., de Zeeuw C., Boeckers T.
 Ulm (Germany), Rotterdam (The Netherlands)</p> <p>“Identification of the neuroanatomical circuits related to autistic-like behavior using cell type specific shank mutant mice”</p> |
| 17:30 – 17:45 | 49 | <p>Vlachos A., Galanis C., Lenz M., Becker D., Hick M., Müller U., Deller T.
 Duesseldorf, Frankfurt/Main and Heidelberg (Germany)</p> <p>“NMDA-receptor inhibition restores alterations in homeostatic synaptic plasticity of dentate granule cells in slice cultures prepared from amyloid-precursor-protein (APP)-deficient mice”</p> |
| 17:45 – 18:00 | 50 | <p>Zheng H., Kaushalya S. K., Knabbe J., Ommer B., Kuner R., Kuner T.
 Heidelberg (Germany)</p> <p>“Quantitative analysis of cortical structural plasticity probed with large-scale in-vivo two-photon imaging”</p> |
| 16:30 – 18:00 | | <p>Oral Session 4b (Experimental Morphology)
 Physiology (Large lecture hall)</p> |
| 16:30 – 16:45 | 51 | <p>Giesecke T., Koshimizu T., Kawahara K., Manning M., Paliege A., Bachmann S., Mutig K.
 Berlin (Germany), Tochigi-ken and Kitasato (Japan), Toledo(USA)</p> <p>“Analysis of vasopressin v1a vs. v2 receptor distribution in the mammalian kidney”</p> |

16:45 – 17:00	52	Hamscha U., Tinhofer I., Reissig L., Grisold W., Weninger W. J., Meng S. Vienna (Austria)
		“US-guided perineural injection at the ulnar tunnel”
17:00 – 17:15	53	Knudsen L., Lopez-Rodriguez E., Berndt L., Boden C., Ruppert C., Hoymann H.-G., Bates J. H., Smith B., Ochs M. Hannover and Giessen (Germany), Burlington (USA)
		“Alveolar micromechanics in progressing bleomycin-induced lung injury”
17:15 – 17:30	54	Nawrotzki R., Herrmann F., Lirsch J. Heidelberg (Germany)
		“Teaching and assessing medical students’ pattern recognition skills”
17:30 – 17:45	55	Paech D., Giesel F., Unterhinninghofen R., Klopries K., Schlemmer H.-P., Kuner T., Doll S. Heidelberg and Karlsruhe (Germany)
		“Cadaver-specific ct scans visualized at the dissection table combined with virtual dissection tables improve learning performance in general gross anatomy”
17:45 – 18:00	56	Winkelmann A. Neuruppin (Germany)
		“Why the Anatomische Gesellschaft excluded six unwanted members in 1949”
18:00 – 18:30		Break

18:30 – 20:30

General Assembly

Anatomy (Large lecture hall)

(incl. **President's Keynote** and **FIPAT** presentation)**Get Together "Kartoffelhaus"**

Friday | 21:00 | Kartoffelhaus, Goetheallee 8, Göttingen

Informal meeting over a drink and something to eat. Exchange your opinions on the conference and the general assembly. We have a (open-end) reservation at the Kartoffelhaus for ca. 100 persons and *a la carte* eating at everyone's own expense. This Get Together can also be used as a "prequel" for the following event.

Party at "EinsB / Heartbeat Lounge"

Friday | 22:00 | EinsB, Nikolaistraße 1b, Göttingen

"111 reasons to Party"... with the anatomy class of the Göttingen Medical School students and teachers. See you at the EinsB / heartbeat bar for a fun night of live rock music, DJ and dancing. See the flyer in the conference bag and www.einsb.de.

- 09:00 – 11:15 **Oral Session 5a (Neuroanatomy/Neurobiology)**
Anatomy (Large lecture hall)
- 09:00 – 09:15 57 **Bender R., Zhou L., Vierk R., Rune G. M.
Hamburg (Germany)**

“Sex-dependent regulation of aromatase-mediated synaptic plasticity in basolateral amygdala”
- 09:15 – 09:30 58 **Drakew A., Maier U., Frotscher M.
Hamburg (Germany)**

“Hippocampal mossy fiber synapses represent individual computational units”
- 09:30 – 09:45 59 **Guy J., Sachkova A., Möck M., Witte M., Wagener R. J.,
Staiger J. F.
Göttingen (Germany), Geneva (Switzerland)**

“Order under the guise of chaos: functional neuroanatomy of the barrel cortex of the reeler mouse”
- 09:45 – 10:00 60 **Jedlicka P., Jungenitz T., Beining M., Cuntz H.,
Schwarzacher S. W., Deller T.
Frankfurt/Main (Germany)**

“Structural and functional mechanisms of homo- and heterosynaptic plasticity at the entorhinal cortex-granule cell synapse in the dentate gyrus in vivo”
- 10:00 – 10:15 61 **Lenz M., Ben Shimon M., Deller T., Maggio N., Vlachos A.
Duesseldorf and Frankfurt/Main (Germany),
Tel HaShomer (Israel)**

“Pilocarpine-induced status epilepticus is associated with changes in synaptopodin in the mouse hippocampus”

- | | | |
|---------------|----|---|
| 10:15 – 10:30 | 62 | Liu X., Huai J., Endle H., Schlüter L., Schmeisser M., Boeckers T., Deller T., Vlachos A., Nitsch R., Vogt J. Mainz, Ulm and Frankfurt (Germany) |
| | | “Prg-1 regulates synaptic plasticity via intracellular pp2a/ β 1-integrin signaling” |
| 10:30 – 10:45 | 63 | Schmitt O., Klüncker A.-C., Schwanke S. Rostock (Germany) |
| | | “Connectomics of the rat hippocampal formation” |
| 10:45 – 11:00 | 64 | Terzi F., Schneider N., Cambridge S. Heidelberg (Germany) |
| | | “A genetically encoded system with high spatiotemporal resolution for modification of neuronal network activity patterns in vivo” |
| 11:00 – 11:15 | 65 | Viotti J. S., Pofantis H., Akula A. K., Dresbach T. Göttingen (Germany) |
| | | “Mover: a synapse-specific regulator of plasticity” |
| 09:00 – 11:15 | | Oral Session 5b (Developmental Biology)
Physiology (Large lecture hall) |
| 09:00 – 09:15 | 66 | Wittenmayer N., Viotti J., Rhee JS., Kügler S., Dresbach T. Göttingen (Germany) |
| | | “S-scam/magi2 is essential for synapse formation and maintenance” |

- 09:15 – 09:30 67 **Plöger R., Stern C., Viebahn C.
Göttingen (Germany), London (UK)**
- “Pitx2, the hypoblast and axial inversion in pre-streak amniote embryos”
- 09:30 – 9:45 68 **Walter E., Vielmuth F., Rotkopf L., Spindler V., Waschke J.
Muenchen (Germany)**
- “Mechanism causing loss of keratinocyte cohesion dependent on different pemphigus autoantibody profiles”
- 09:45 – 10:00 69 **Rotkopf L., Walter E., Radeva M., Waschke J., Kugelmann D.
Muenchen (Germany)**
- “Signaling mechanisms in acute inflammatory endothelial barrier disruption”
- 10:00 – 10:15 70 **Ungewiß H., Vielmuth F., Kugelmann D., Waschke J.
Muenchen (Germany)**
- “Adhesive and signaling properties of desmoglein 2 in intestinal epithelial barrier regulation”
- 10:15 – 10:30 71 **Hütz K., Zeiler J., Waschke J., Spindler V.
Muenchen (Germany)**
- “Loss of desmoglein 2 promotes tumorigenic behavior in pancreatic cancer cells through erk activation and plakoglobin destabilization”
- 10:30 – 10:45 72 **Erber B., Schinner C., Wölfel A., Waschke J.
Muenchen (Germany)**
- “The regulation of gap junctions by desmoglein 2-binding and camp in cardiomyocytes”

10:45 – 11:00	73	Arnold P., Rothaug M., Schumacher N., Schneppenheim J., Lockau J., Pickhinke U., Wichert R., Rabe B., Gabers C., Rose-John S., Lucius R., Becker-Pauly C. Kiel (Germany) “The il-6 receptor is a new proteolytic substrate for meprin metalloproteases”
11:00 – 11:15	74	Hirt B. Tübingen (Germany) “New insights into glucoprotamin fixation”
11:15 – 11:45		Coffee break
11:45– 12:15		Keynote VI (Alain Chedotal, Paris) Anatomy (Large lecture hall) “3D analysis of human development in transparent embryos”
12:15 – 12:45		Awards and Closing ceremony Anatomy (Large lecture hall)
12:45 – 13:45		Lunchbreak
13:45 – 15:45		Postconference Workshop on Terminology (FIPAT)

Poster Preview I (even numbers)

Poster Preview II (odd numbers)

Topic: Methods / Teaching

**PP1 Löffler S., Hepp P., Steinke H., Hammer N.
Leipzig (Germany), Otago (New Zealand)**

“Combined anatomy and surgery training for medical students
— a spiral concept addressing future needs in healthcare”

Topic: Gross Anatomy/ClinicalAnatomy

**PP3 Böckers A., Hasselblatt F., Böckers T. M.
Ulm (Germany)**

“Dissection course in german speaking anatomy institutes
—figures and perspectives”

**PP5 Seidel K., Bouzrou M., Heidemann N., Krüger R., Schöls L., den Dunnen W.,
Korf H.-W., Rüb U.
Frankfurt/Main and Tübingen (Germany), Luxembourg (Luxembourg),
Groningen (The Netherlands)**

“Affection of the cerebellum in parkinson’s disease and dementia with lewy
bodies “

**PP7 Fraher J.
Cork (Ireland)**

“The changing face of FIPAT”

POSTER PREVIEWS (THEMATICAL ORDER)

Poster Preview I (even numbers)

Poster Preview II (odd numbers)

**pp9 Reissig L. F., Beikircher R., Tzou C.-H. J., Hamscha U., Grisold W.,
Weninger W. J., Meng S.
Vienna and Krems (Austria)**

“Ultrasound evaluation of conventional and newly designed maneuvers for provoking longitudinal gliding of the median nerve in the carpal tunnel - An anatomical study”

**PP11 Kachlik D., Stingl J., Jan P., Straka Z., Setina M., Sach J., Musil V.
Prague (Czech Republic)**

“Vasculature of the explanted aorto-coronary venous grafts”

Topic: Experimental Morphology

**PP13 Kluth D., Märzheuser S., Lacher M.
Leipzig and Berlin (Germany)**

“The embryology of the “ persistent cloaca”

**PP15 Hammer C., Zhang Y., Lörner J., Wüllner C., Paulsen F., Kunert K.
Erlangen and Erfurt (Germany)**

“Interface morphology and gas production of a refractive ultraviolet femtosecond laser –comparison with established infrared systems”

**PP17 Kokozidou M., Zaragatski E., Grommes J., Langer S., Kennes L., Tamm M.,
Koepfel T. A., Kranz J., Hackhofer T., Arakelyan K., Jacobs M. J.,
Schurgers L. J.
Nürnberg and Aachen (Germany), Maastricht (The Netherlands)**

“Vitamin k- antagonist aggravates ckd induced neointimal hyperplasia and calcification in shunt veins: potential role for vitamin k2 to prevent avf failure”

POSTER PREVIEWS (THEMATICAL ORDER)

Poster Preview I (even numbers)

Poster Preview II (odd numbers)

Topic: Neuroanatomy/Neurobiology

PP2 **Rodewald A., Gebhart V., Jirikowski G.**
Jena (Germany)

“The rat vomeronasal organ is a vitamin d target”

PP4 **Menon V., Oechsler J., Pruszk J.**
Freiburg (Germany)

“Surface marker-based isolation of human dopaminergic neurons for pharmacological studies and cell therapeutic applications”

Topic: Cell Biology

PP6 **Bauer J., Wörsdörfer P., Benndorf R., Frantz S., Ergün S.**
Wuerzburg and Halle/Saale (Germany)

“Effect of isoprostanes on cardiac blood vessel growth and the activation of vessel wall-resident stem and progenitor cells”

PP8 **Bartsch J., Yoganathan B., Willenberg W., Stoffel M., Markert B., Jahr H.,
Pufe T., Tohidnezhad M.**
Aachen (Germany)

“Establish the novel bioreactor for tendon tissue cultivation”

Topic: Developmental Biology

PP10 **Franz H., Machado V., Bovio P., Vogel T.**
Freiburg (Germany)

“Dot1l and histone h3 lysine 79 methylation determine cerebral and cerebellar development by controlling neural progenitor proliferation and cell fate”

POSTER PREVIEWS (THEMATICAL ORDER)

Poster Preview I (even numbers)

Poster Preview II (odd numbers)

**PP12 Claassen H., Busch C., Schicht M., Paulsen F.
Halle/Saale, Hamburg and Erlangen (Germany)**

“Cor triatriatum: a heart variation not mentioned in classical embryological textbooks“

**PP14 Brosig S., Gosemann J.-H., Peukert N., Metzger R., Lacher M.,
Schneider H., Kluth D.
Leipzig (Germany), Salzburg (Austria)**

“The x-ray microtomography in pediatric surgery – a new tool for the study of embryos?“

Topic: Reproductive Biology

**PP16 Fietz D., Harjanti F. N., Kliesch S., Weidner W., Bergmann M.
Giessen and Muenster (Germany)**

“Expression of meiosis-associated genes in normal human spermatogenesis and meiotic arrest“

**PP18 Schindler M., Pendzialek M., Grybel K., Seeling T., Fischer B.,
Navarrete Santos A.
Halle/Saale (Germany)**

“Embryonic lipid accumulation in response to lipid excess – the difference between embryoblast and trophoblast cells“

Topic: Methods/Teaching

- P1 **Brecht A., Klauer G.**
 Frankfurt a. Main (Germany)
 The challenge of learning histology – an eye tracking and „think-aloud“ observational longitudinal study
- P2 **Dittmayer C., Völcker E., Wacker I., Schröder R., Mildner M.,**
 Bachmann S.
 Berlin and Heidelberg (Germany)
 Big data in electron microscopy; improved examination of kidney tissue using large-scale two dimensional datasets
- P3 **Dydykin S., Zhuravlev D., Scherbyuk A., Bogoyavlenskaya T.**
 Moscow (Russia)
 Step-by-step virtual surgical anatomy training systems database for the most common surgical interventions
- P4 **Eulitz M., Tafti A. P., Reiss G., Yu Z. Witten/Herdecke (Germany),**
 Milwaukee, Wisconsin (USA)
 Semspace.org: an integrated and scalable open-access repository to advance sem research
- P5 **Filgueira L., Eppler E.**
 Fribourg and Basel (Switzerland)
 Enhancing anatomy learning in an undergraduate medical program by combining various teaching approaches, including body painting, ultrasound, clinical investigation and peer-teaching: a feasibility study

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P6 **Günther J., Geyer S., Lang-Olip I., Fuchs J., Pichlsberger M., Parvizi D., Kamolz L., Weninger W. Vienna and Graz (Austria)**
High resolution episcopic microscopy (hrem) as a tool for imaging mouse skin in a wound-healing model
- P7 **Karaer E., Barut C.
Beşiktaş/İstanbul (Turkey)**
Study preferences in anatomy: preliminary evaluation
- P8 **Kohrmann, A., D'Hanis W., Saalfeld P., Kellermann K., Roskoden T., Rathmann A., Dornheim L., Pohlenz P., Preim B., Rothkötter H.-J. Magdeburg (Germany)**
Comparative study in gross anatomy education: Differences in learning spatial anatomy using 3d-models of body-donor-CT-scans or a traditional atlas
- P9 **Muchie A., Bekele A., Löffler S., Reissig D.
Gondar (Ethiopia), Leipzig (Germany)**
Postgraduate anatomy training at the level of m.sc.degree in the department of anatomy, college of medicine and health sciences, university of gondar, Ethiopia
- P10 **Rietsche, M.,Jungenitz T., Bahlmann O., Schwarzacher S. W., Ghebremedhin E., Eichler K., Deller T.
Frankfurt a. Main (Germany)**
Integrating radiological images into a dissection-based gross anatomy curriculum - first experiences with a new form of anatomy teaching at goethe-university, frankfurt/main
- P11 **Scherer J., Reichrath S., Tschernig T., Maxeiner S.
Homburg/Saar (Germany)**
Leaving one's comfort zone - how examiners implement questionnaires in oral exams

- P12 Scholz, M., Gaffling S., Jabari S., Paulsen F., Tillmann B.
Erlangen and Kiel (Germany)**
Digital 3-d tissue reconstruction of histological serial sections from two human embryos

Topic: Gross Anatomy/Clinical Anatomy

- P13 Bamaç B., Çolak T., Çolak S., Eraldemir C., Çolak E., Su N., Hale M.
H., Taşdemir R., Aksu E., Şengöz A.
Kocaeli (Turkey)**
Serum 25-hydroxyvitamin d concentration in professional female futsal players and association with lower limb isokinetic function
- P14 Brenner E. Innsbruck (Austria)**
“Max Clara and Innsbruck – Origin of a German National and National Socialist career”
- P15 Fanghänel J., Grabowski M., Immler S., Hösl H., Proff P., Matussek J., Grifka J., Kirschneck C.
Regensburg (Germany)**
Interrelationship of spinal scoliosis and muscular activity within the oro-facio-cervical system

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P16 Furnica C., Rusu A. C., Chistol R. O., Tinica G.**
Iasi and Tirgu Mures (Romania)
Anatomical factors in cardiac surgery iatrogenesis: a systematic review and meta-analysis
- P17 Habicht J., Winkelmann A.**
Neuruppin (Germany)
Sources of human bodies in anatomy departments – a global overview of the current situation
- P18 Hörmann R., Moriggl B., Brenner E.**
Innsbruck (Austria)
Development of a new vascular and tissue casting solution
- P19 Jabari S., Scholz M., Besendörfer M., Carbon R., Rompel O.,**
Hörning A., Hartmann A., Söder S.
Erlangen (Germany)
Asymmetric omphalopagus; a rare case of conjoined twinning: a case report
- P20 Kandel C., Deckmann K., Kummer W.**
Giessen (Germany)
Chemosensitivity of cholinergic urethral brush cells beyond bitter and umami perception
- P21 Schulz S.-A., Woehler A., Beutner D., Angelov D.**
Cologne (Germany)
Microsurgical anatomy of human carotid body (glomus caroticum): features of its detailed topography, syntopy and morphology

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P22 **Khayrullin R., Gal'chin A.
Ulyanovsk (Russia)**
Morphometric compliance of flexion segments of fingers human's hand to their osseous phalanx
- P23 **Klopries K., Paech D.
Heidelberg (Germany)**
Human gross anatomy in 3d - macroscopic anatomy combined with cadaver-specific imaging data sets for a better preclinical training of undergraduate medical students
- P24 **Schleifenbaum S., Prietzel T., Aust G., Boldt A., Keil I., Robert Möbius R., Hammer N.
Leipzig (Germany), Otago (New Zealand)**
Acellularization-induced changes in tensile properties are organ specific
- P25 **Schulze M., Wree A., Seidel R.
Rostock and Schwerin (Germany)**
Anatomical study of ultrasound-guided intermediate cervical plexus block in regional anaesthesia
- P26 **Schulze-Tanzil G.
Salzburg (Austria), Nuremberg (Germany)**
Comparative knee joint anatomy of a novel german miniature pig
- P27 **Sesen A., Ortug A., Ortug G.
İstanbul (Turkey)**
A preliminary dissection based study of the dimensions of larynx in anatolian population

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P28 **Steinke H., Schleip R., Saito T., Rowedder A. K., Vleeming A.**
Leipzig and Ulm (Germany), Tokyo (Japan),
Biddeford, Maine (USA)
The lateral margin of the thoracolumbal fascia is innervated
- P29 **Stratmann L., Nühlen N., Samarbakhsh G., Hoffmann S., Bork F.,**
Fallavollita P., Kugelmann D., Pferschy A., Meng M.,
Eimannsberger A., Seelbach I., von der Heide A. M., Euler E.,
Navab N., Waschke J.
Munich (Germany)
The augmented reality system 'magic mirror' as additive teaching device for gross anatomy

Topic: Experimental Morphology

- P30 **Bakhmet A.A., Klochkova S.V., Nikitjuk D.B., Nikolenko V.N.,**
Alexeeva N.T., Kuehnel W.
Moscow (Russia), Luebeck (Germany)
The study of the effects of the delta-sleeping inducing peptide and Semax at lymphoid structures of some peripheral immune system organs
- P31 **Klochkova S.V., Bakhmet A.A., Nikitjuk D.B., Alexeeva N.T.,**
Kuehnel W.
Moscow (Russia), Luebeck (Germany)
Cell composition of aggregated lymphoid nodules in the wall of small intestine and mesenteric lymph nodes under the influence of polioxiidonium

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P32 Neugebauer A., Bachmann S., Borschewski A. Berlin (Germany)**
Localization of the gap junctional protein, connexin 43, in the kidney
- P33 Rahn A., Schipke J., Sedej S., Eisenberg T., Madeo F., Mühlfeld C. Hannover (Germany), Graz (Austria)**
Ageing-associated ultrastructural changes of the mouse myocardium
- P34 Rajces A., Schipke J., Reiter U., Reiter G., Manninger M., Scherr D., Post H., Pieske B., Mühlfeld C. Hannover, Munich and Berlin (Germany), Graz (Austria)**
A transmural gradient of collagen deposition in early-stage heart failure with preserved ejection fraction in the pig: a stereological study
- P35 Roelfs T., Schmiedl A., Tutdibi E., Gortner L., Monz D. Hannover and Homburg/Saar (Germany)**
Influence of prenatal hypoxia and / or postnatal hyperoxia on morphologic lung maturation in mice
- P36 Schipke J., Lopez-Rodriguez E., Mühlfeld C. Hannover (Germany)**
The effect of spermidine on obesity-associated pathological changes of the lung
- P37 Schneider J. P., Arkenau M., Wedekind D., Knudsen L., Ochs M. Hannover (Germany)**
Lung architecture in the aging sp-d deficient mouse

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P38 **Smorodchenko A., Sharkovska Y., Dittmayer C., Cornejo-Müller A., Mutig K., Bachmann S.**
Berlin (Germany)
Effect of vasopressin (avp) on the adaptation of potassium channels and calcium sensing receptor in thick ascending limb (tal) of henle's loop
- P39 **Steffen L., Lopez-Rodriguez E., Hoymann H.-G., Ochs M., Ruppert C., Knudsen L.**
Hannover and Giessen (Germany)
Surfactant replacement therapy (srt) in the bleomycin model of lung injury and fibrosis: effects on alveolar microarchitecture

Topic: Neuroanatomy/Neurobiology

- P40 **Adolf A., Leondaritis G., Rohrbeck A., Just I., Ahnert-Hilger G., Höltje M.**
Berlin and Hannover (Germany), Ioannina (Greece)
The intermediate filament protein vimentin is essential for neurotrophic effects of clostridium botulinum c3 exoenzyme
- P41 **Albariri A., Horstmann H., Kuner T., Grabenbauer M.**
Heidelberg (Germany)
Correlative microscopy approaches to study secretory organelles in neurons
- P42 **Asan L., Kuner T., Knabbe J.**
Heidelberg (Germany)
Two-photon in vivo imaging of histon-gfp for cell detection and classification in large cortical volumes

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P43 **Aßmann A., Rickert U., Lucius R.
Kiel (Germany)**
Neopterin mediated anti-inflammatory effects on microglia
- P44 **Barrenschée M., Wedel T., Lange C., Hellwig I., Cossais F., Ebsen
M., Vogel I., Böttner M.
Kiel (Germany)**
Impairment of the gdnf system in asymptomatic diverticulosis and
diverticular disease
- P45 **Cossais F., Lange C., Barrenschée M., Zorenkov D., Egberts J.-H.,
Becker T., Wedel T., Böttner M.
Kiel (Germany)**
Site-specific expression of the transcription factor phox2b in the
human adult colon
- P46 **Gensch R., Seitz R., Jansen R., Isik Z., Stein G., Meyer C.,
Angelova S., Manthou M., Erdem H., Semler J., Schoenau E.,
Sarıkcioglu L., Angelov D.
Cologne (Germany), Thessaloniki (Greece),
Adana and Antalya (Turkey)**
Effect of medial longitudinal myelotomy (mlm) plus whole body
vibration (wbv) on motor functions recovery in spinal cord-injured
(sci) rats

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P47 **Hellfritsch A., van Bonn S., Mann T., Schmitt O., Hawlitschka A.,
Cremer M., Zilles K., Wree A.
Rostock and Juelich (Germany)**
Densities of adenosine and adrenergic receptors in
hemiparkinsonian rat following botulinum neurotoxin-a injection
- P48 **Hermanowicz-Sobieraj B., Bogus-Nowakowska K., Robak A.
Olsztyn (Poland)**
Expression of calcium-binding-proteins in the septum of the guinea
pig
- P49 **Hoeflein T., Rickert U., Schneppenheim J., Lucius R.
Kiel (Germany)**
Butyrate partly shows an antiinflammatory effect on bv-2 microglial
cells
- P50 **Jabari S., Neuhuber W., Brehmer A.
Erlangen (Germany)**
Neurovascular interface in porcine small intestine: specific for
nitroergic rather than nonnitroergic neurons
- P51 **Jungenitz T., Beining M., Radic T., Deller T., Cuntz H., Jedlicka P.,
Schwarzacher S. W.
Frankfurt am Main (Germany)**
Adult neurogenesis in the rat hippocampus: structural development
and activity-related homo- and heterosynaptic plasticity of adult
newborn dentate granule cells
- P52 **Knabbe J., Nassal J., Horstmann H., Verhage M., Kuner T.
Heidelberg(Germany), Amsterdam (The Netherlands)**
In vivo time lapse imaging of axonal dense core vesicle trafficking in
anaesthetized and awake mice

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P53 **Klimaschewski L., Hausott B.
Innsbruck (Austria)**
Interference with sprouty2/4 is neuroprotective and improves axonal regeneration
- P54 **Kolenkiewicz M., Kozłowska A., Tsai M.-L., Równiak M.
Olsztyn (Poland), Taipei (Taiwan)**
The morphological similarity of the hippocampal formation in spontaneously hypertensive rats (shr) and wistar kyoto rats (wky)
- P55 **Kozłowska A., Kolenkiewicz M., Majewski M., Lee J.-C.,
Równiak M.
Olsztyn (Poland), Taipei (Taiwan)**
Volumetric differences of dorsal and ventral dentate nucleus during brain development in the spontaneously hypertensive rat as a model of attention-deficit hyperactivity disorder
- P56 **Kürten K., Matschke V., Theiss C.
Bochum (Germany)**
Kinesin - new insights in motor protein dysfunction in an als animal model
- P57 **Lichter K., Pauli M., Heckmann M., Sirén A.-L., Asan E., Stigloher C.
Wuerzburg (Germany)**
Electron tomography of active zones in hippocampal mossy fiber boutons
- P58 **Mehlhorn J., Masson I., Amunts K., Herold C.
Duesseldorf and Juelich (Germany)**
Adult neurogenesis in mice and pigeons-a comparative view in two different animal models

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P59 **Müller K., Vogelaar C.F.
Mainz (Germany)
The origin of axonal ribosomes**
- P60 **Narayanan R., Kerimoglu C., Pirouz M., Pham L., Wagener R.,
Kiszka K., Rosenbusch J., Kessel M., Fischer A., Stoykova A.,
Staiger J.F., Tuoc T.
Göttingen (Germany)
Loss of entire multi-subunit baf (mswi/snf) complexes impairs
global epigenetic programs in forebrain development**
- P61 **Neumüller F., Rune G. M., Bender R. A.
Hamburg (Germany)
17-beta-estradiol regulates the dendritic distribution of
hyperpolarization-activated cyclic nucleotide-gated (hcn)1 channels
in ca1 pyramidal cells via g-protein coupled receptor gper1**
- P62 **Richter M., Amunts K., Mohlberg H., Eickhoff S., Zilles K.,
Caspers S.
Duesseldorf and Juelich (Germany)
Cytoarchitectonic parcellation of human posterior intraparietal
sulcus and its relation to function**
- P63 **Robak A., Bogus-Nowakowska K., Równiak M.,
Hermanowicz-Sobieraj B., Żakowski W., Wasilewska B.,
Najdzion J., Wojtkiewicz J., Podlasz P.
Olsztyn and Gdańsk (Poland)
Peptide and mRNA expressions of cocaine- and amphetamine-
regulated transcript (CART) in the limbic structures of the guinea pig**

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P64 **Röderer P., Matschke V., Theiss C.
Bochum (Germany)**
Nmnat2 and nad+ - a link to neurodegeneration in the spinal cord of the wobbler mouse
- P65 **Rosenbusch J., Bachmann C., Nguyen H., Pham L., Rabe T.,
PatwaM., Sokpor G., Mansouri A., Stoykova A., Staiger J. F.,
Tuoc T.
Göttingen (Germany)**
Mswi/snf (baf) complexes are indispensable for neurogenesis and development of embryonic olfactory epithelium
- P66 **Równiak M., Kozłowska A., Kolenkiewicz M., Majewski M.,
Yen C.-T.
Olsztyn (Poland), Taipei (Taiwan)**
Neither attention deficit hyperactivity disorder (adhd) nor hypertension affects the volume of the basolateral amygdala in the spontaneously hypertensive rats (shr)
- P67 **Sanders M., Petrasch-Parwez E., Habbes H.-W., von Düring M.,
Förster E.
Bochum (Germany)**
The indusium griseum - hippocampal remnant or delimited area?
- P68 **Schaarschuch A., Redies C., Hertel N.
Jena (Germany)**
Expression profiles of n-cadherin and protocadherin-19 in the postnatal mouse limbic system

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P69 **Steinmann A., Eisemann T., Boffi J. C., Kuner T., Peterziel H., Strelau J.**
Heidelberg (Germany)
Role of gdf-15 in high-grade malignant glioma
- P70 **Tuoc T.**
Göttingen (Germany)
Chromatin regulation in forebrain morphogenesis
- P71 **van Bonn S., Mann T., Schmitt O., Hawlitschka A., Cremer M., Zilles K., Wree A.**
Rostock and Juelich (Germany)
Multiple changes of receptor binding sites in the 6-ohda-hemiparkinson-modell of rats
- P72 **Vancura P., Wolloscheck T., Baba K., Tosini G., Iuvone P. M., Spessert R.**
Mainz (Germany), Atlanta (USA)
Evidence for circadian and dopaminergic regulation of fatty acid oxidation
- P73 **Wallrafen R., Aktas Y., Dresbach T.**
Göttingen (Germany)
Assembling a dopaminergic synapse: the role of cell adhesion and scaffolding molecules
- P74 **Wiegrefe C., Wahl T., Joos N., Liu P., Jenkins N. A., Copeland N. G., Britsch S.**
Ulm (Germany), Hinxton (UK), Houston (USA)
Downstream molecular targets of bcl11a in postmigratory upper-layer projections neurons

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P75 **Wolloscheck T., Vancura P., Spessert R.
Mainz (Germany)**
Clock-dependent regulation of interphotoreceptor retinoid-binding protein in murine retina

Topic: Neuroimmunology

- P76 **Almamy A., Asif A., Schroten H., Ishikawa H., Reuss B.
Göttingen and Mannheim (Germany), Tokyo (Japan)**
Crossreactivity of a polyclonal antiserum directed to chlamydia trachomatis with the ubiquitin-ribosomal protein fusion protein rps27a
- P77 **Cardinal von Widdern J., Ulrich M. S., Grabiec U.,
Alessandri B., Dehghani F.
Halle and Mainz (Germany)**
Protective effects of abn-cbd ligands in controlled cortical impact and in vitro models
- P78 **Flueh C., Adamski V., Hattermann K., Chitadze G., Synowitz M.,
Kabelitz D., Held-Feindt J.
Kiel (Germany)**
Role of the NKG2D system in glioma stem cells
- P79 **Grabiec U., Hohmann T., Klemenz A., Ghadban C., Rothgänger C.,
Antonietti A., Zimmer A., Dehghani F.
Halle (Saale) and Bonn (Germany)**
Effects of n-arachidonoyl glycine after the neuronal injury

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P80 Hainz N., Wolf S., Becker P., Tschernig T., Meier C.
Homburg/Saar (Germany)**
Therapeutic application of probenecid prevents the progression of established clinical symptoms in a mouse model of experimental autoimmune encephalomyelitis
- P81 Kern K., Neidert N., Kriegelstein K., Spittau B.
Freiburg (Germany)**
Analysis of $\text{tgfb}\beta 1$ -regulated expression of fc-gamma receptors primary microglia
- P82 Kress E., Schubert N., Rüger M., Tauber S., Pufe T.,
Brandenburg L.-O.
Aachen (Germany)**
Formyl peptide receptor agonist ac2-26 improved neuroinflammation in a mouse model of pneumococcal meningitis
- P83 Neidert N., Kern K., Kriegelstein K., Spittau B.
Freiburg (Germany)**
Analysis of $\text{Tgfb}\beta 1$ -regulated expression of Tmem119 and Olfml3 in primary microglia
- P84 Notz Q., Bail K., Wunsch M., Schampel A., Rovituso D., Kuerten S.
Wuerzburg (Germany)**
The effect of fingolimod treatment on b cell aggregation in the central nervous system in a b cell-dependent mouse model of multiple sclerosis

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P85 **Reuss B., Almamy A., Schroten H., Ishikawa H., Asif A. Göttingen and Mannheim (Germany), Tokyo (Japan)**
Interaction of an antiserum directed to neisseria gonorrhoeae with the human snare-complex protein snap23 leads to impaired exocytosis in sy5y neuroblastoma cell
- P86 **Schampel A., Koeniger T., Erguen S., Kuerten S. Wuerzburg (Germany)**
Effects of nimodipine on microglial cells
- P87 **Soultanova A. , Cen C., Fleck K., Krasteva-Christ G., Boehm U., Wienhold S. M., Müller-Redetzky H., Witzenrath M., Kummer W. Giessen, Wuerzburg, Kiel and Berlin (Germany)**
Chemosensory cholinergic signaling network in the thymic medullary epithelium
- P88 **Wunsch M., Weyer L., Schwarz A., Rodi M., Cossais F., Boettner M., Wedel T., Srinivasan S., Ergün S., Kuerten S. Wuerzburg, Cologne and Kiel (Germany), Atlanta (USA)**
The enteric nervous system as an immune target in multiple sclerosis

Topic: Cell Biology

- P89 **Adamski V., Hempelmann A., Synowitz M., Hattermann K., Held-Feindt J. Kiel (Germany)**
Identification and characterization of dormant glioma cells in situ and in vitro

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P90 **Barahmand Pour N., Lichte P., Bienert M., Bergmann C., Heigl T., Keutgen M., Pape H.C., Neuß-Stein S., Fischer H., Pufe T., Tohidnezhad M. Aachen (Germany)**
Longitudinal monitoring of NFκB activity during the fracture healing after implantation of cell seeded β tricalcium phosphate scaffolds
- P91 **Beckmann A., Schubert M., Hainz N., Haase A., Martin U., Tschernig T., Meier C. Homburg/Saar and Hannover (Germany)**
Novel insights into cx43 expression and gap junction formation in induced pluripotent stem cells from human cord blood
- P92 **Buhrmann C., Shayan P., Popper B., Shakibaei M. Munich (Germany), Tehran (Iran)**
Chemosensitizing potential of resveratrol in colorectal cancer: up-regulation of intercellular junctions and apoptosis
- P93 **Didilescu A., Manoiu V.-S., Rusu M. Bucharest (Romania)**
The human dental pulp stem and progenitor cells in transmission electron microscopy
- P94 **Egu D. T., Spindler V., Waschke J. Munich (Germany)**
P38mapk signalling contributes to blistering and reduction of desmosome size induced by pemphigus autoantibodies in human epidermis
- P95 **Gebhart V., Kalivianaki K., Kampa M. Jena (Germany), Heraklion (Greece)**
Estrogen receptor splicing variants in neuronal cell cultures

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Poster Session II (odd numbers)

- P96 **Häfelein K., Preuße-Prange A., Behrendt P., Kurz B.
Kiel (Germany)**
Selenite inhibits reciprocally and dose-dependently the early
meniscal inflammatory response
- P97 **Hattermann K., Lempert M., Kaidas V., Lucius R., Adelung R.,
Mentlein R., Held-Feindt J.
Kiel (Germany)**
Novel approaches in experimental glioma therapy: combining site
effects of approved drugs with a local nanostructural delivery
technique
- P98 **Ingenwerth M., Stahr A., Klossowski N., Reifenberger J., von Gall C.
Duesseldorf (Germany)**
Bmal1-deficiency decelerates wound healing and accelerated
senescence of fibroblast
- P99 **Keshavarz M., Skill M., Pfeil U., Walecki M., Kummer W.,
Krasteva-Christ G.
Giessen and Wuerzburg (Germany)**
Caveolin-1 and caveolin-3: structural and functional insights into
their role in murine airway smooth muscle constriction
- P100 **Lang J., Wicht H., Pfeffer M., Korf H. W.
Frankfurt/Main (Germany)**
Circadian and diurnal changes in the morphology and cytoskeleton
of human leukocytes

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P101 **Mavrommatis L., Balakrishnan-Renuka A., Vorgerd M., Brand-Saberi B., Zaehres H. Bochum (Germany)**
Modeling muscular dystrophies with patient - derived induced pluripotent stem cells
- P102 **Murata H., Sunohara M., Sato I. Tokyo and Shimotsuke (Japan)**
The changing role of dmp1 during tongue development of mouse embryo
- P103 **Preuße-Prange A., Haefelein K., Behrendt P., Grodzinsky A., Kurz B. Kiel (Germany), Cambridge (USA)**
Mechanical injury activates macroautophagy and chaperone-mediated autophagy in bovine cartilage time sequentially
- P104 **Rusu M., Hostiuc S., Vrapciu A., Manoiu S., Grigoriu F. Bucharest (Romania)**
Subsets of telocytes not being telocytes (i): myocardial telocytes
- P105 **Stoeckelhuber M., Loeffelbein D. J., Olzowy B., Schmitz C., Koerdt S., Kesting M. R. Munich (Germany)**
Immunohistochemical study of antimicrobial and cytoskeletal proteins in infantile labial salivary glands
- P106 **Sunohara M., Morikawa S., Sato I. Tokyo (Japan)**
Crucial regulators of angiogenesis during tooth germ development

POSTERS (THEMATICAL ORDER)

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Poster Session II (odd numbers)

- P107 Volland J., Ergün S., Wagner N.
Wuerzburg (Germany)**
Morpho-mechanistical steps of endothelial cell adherens junction formation

Topic: Developmental Biology

- P108 Divvela S. S. K., Balakrishnan-Renuka A., Boeing M., Otto A., Patel K., Napirei M., Zaehres H., Brand-Saberi B.
Bochum (Germany), Reading (UK)**
Atoh8 in muscle regeneration and reprogramming
- P109 Harmoush B., Schwartz P., Viebahn C.
Göttingen (Germany)**
Transformation of the pre-streak embryocyst and the goosecoid expression in the pig
- P110 Hartung K., Viebahn C., Püschel B.
Wuerzburg and Göttingen (Germany)**
Topography of germ line related bmp signaling pathway members in the rabbit blastocyst
- P111 Hassan W., Viebahn C.
Göttingen (Germany)**
Early behavior of primordial germ cells (pgcs) in mammals: embryonic/extraembryonic displacement and clustering
- P112 Kremnyov S., Viebahn C., Tsikolia N.
Moscow (Russia), Göttingen (Germany)**
Expression patterns of pkd1 and pkd2 in early amniote development

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P113 **Lohrberg M., Wilting J.
Göttingen (Germany)**
The lymphatics of the mouse head
- P114 **Lutze G., Buttler K., Wilting J.
Göttingen (Germany)**
Wnt signaling in lymphangiogenesis
- P115 **Maurer-Gesek B., Geyer S. H., Weninger W. J.
Vienna (Austria)**
High resolution episcopic microscopy (hrem) – an efficient method for analysing chick embryos
- P116 **Pu Q., Abbariki T. N., Suzuki T., Huang R.
Bonn, Bochum (Germany), Nagoya (Japan)**
Electroporations with dual types of pulses are more efficient than those with single type of pulses
- P117 **Schäfer K., Männer J.
Göttingen (Germany)**
Gross-morphological aspects of the adult zebrafish heart: bilateral asymmetry
- P118 **Stoya G., Wagenknecht J., Hertel N.
Jena (Germany)**
Cadherin expression during odontogenesis of the mouse

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

P119 Viebahn C., Behr R.

Göttingen (Germany)

Left-sided nodal expression in parachordal cells near the neurenteric canal of a pre-somite stage new world monkey callithrix jacchus supports symmetry breaking to be independent of ciliary flow in amniotes

P120 Woźniak S., Porwolik M., Domagala Z., Dabrowski P.

Wrocław (Poland)

Viscerometry of the left colic flexure in fetal period

Topic: Immune Biology

P121 Kirschneck C., Fanghänel J., Wahlmann U., Wolf M., Roldán J. C., Proff P.

Regensburg (Germany)

Interactive effects of periodontitis and orthodontic tooth movement – new insights from basic research in a rat model

P122 Kirschneck C., Meier M., Bauer K., Proff P., Fanghänel J.

Regensburg (Germany)

Effects of meloxicam medication during orthodontic therapy – a cellbiological-radiological study on periodontal tissue and fibroblasts

P123 Kling K., Mühlfeld C., Lopez Rodriguez E., Pfarrer C.,

Brandenberger C.

Hannover (Germany)

The pathology of lipopolysaccharide induced lung injury is more severe in old compared to young mice

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P124 **Kučera T., Ďurišová M., Smorodinova N., Bláha M., Melenovský V., Pirk J., Kautzner J.**
Prague (Czech Republic)
Mast cells in the atrial myocardium of patients with atrial fibrillation – comparison with patients in the sinus rhythm
- P125 **Lange C., Csernok E., Holle J. Kiel and Bad Bramstedt (Germany)**
Immune stimulatory effects of neutrophil extracellular traps in granulomatosis with polyangiitis
- P126 **Moussa A.-T., Rabung A., Reichrath S., Tschernig T.**
Homburg/Saar (Germany)
Modulating the non-neuronal cholinergic system (nncs) in macrophages to stimulate phagocytosis: a new strategy to enhance immune defense
- P127 **Neuhaus M., Munder A., von Hörsten S., Ochs M., Schmiedl A.**
Hannover and Erlangen (Germany)
Differential structural alterations in lungs of wild type and dpp4/cd26-deficient rats after infection with pseudomonas aeruginosa
- P128 **Perniř A., Kummer W., Bufe B., Krasteva-Christ G.**
Giessen, Homburg/Saar and Wuerzburg (Germany)
A bacterial signal peptide increases mucociliary clearance in explanted mouse trachea
- P129 **Moscu M., Fatu A.M., Fatu I.C., Fatu C.**
Changes in the vaginal mucosa according to the woman's age

Topic: Reproductive Biology

- P130 **Erlbacher K.M.T., Minnich B.
Salzburg (Austria)**
 Δ^9 -Tetrahydrocannabinole treatment and its effects on testicular micro-vascularization and affected fertility examined by vascular corrosion casting, SEM, 3D-morphometry and correlative histology
- P131 **Ernst J., Schädlich K., Fischer B., Dehghani F.
Halle/Saale (Germany)**
Is the endocannabinoid system an endocrine modulator in dehp-induced adipogenesis?
- P132 **Jirkovská M., Zuska K.,
Prague (Czech Republic)**
Proliferative potential of normal and diabetic term placenta
- P133 **Pleuger C., Schuppe H.-C., Weidner W., Kliesch S.,
OBryan M., Bergmann M.
Giessen and Muenster (Germany), Melbourne (Australia)**
Cbe1 - a novel male infertility marker?

Topic: Physiological programs, self-organization and pathology in development (Main Topic 1)

- P134 **Becker J.
Göttingen (Germany)**
Wnt-signalling in neuroblastoma

POSTERS (THEMATICAL ORDER)

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P135 **Burda B., Steidle-Kloc E., Dannhauer T., Wirth W., Ruhdorfer A., Eckstein F.**
Salzburg (Austria)
Relationship between Hoffa fat pad volume and body composition
- P136 **Mingo-Moreno N., Wagener R., Staiger J.F.**
Göttingen (Germany), Geneva (Switzerland)
Hiking across the brain: unique spatio-temporal patterns of neuronal migration and cortical layering in the reelin-deficient neocortex
- P137 **Wördsörfer P., Bosen F., Gebhardt M., Russ N., Zimmermann K., Kessie D., Sekaran T., Egert A., Ergün S., Schorle H., Pfeifer A., Edenhofer F., Willecke K.**
Wuerzburg and Bonn (Germany)
Abrogation of gap junctional communication in embryonic stem cells results in a disruption of primitive endoderm formation

Topic: Establishing neuronal connectivity from synaptogenesis to functional circuits (Main Topic 2)

- P138 **Horstmann H., Knabbe J., Kuner T.**
Heidelberg (Germany)
Generation of large volumes for electron-microscopy using serial sectioning
- P139 **Meinhardt J., Beier J., Schmitt O.**
Rostock (Germany)
Cortical connectomics of the rat

Poster Session I (even numbers)

Poster Session II (odd numbers)

- P140 **Simon R., Venkataramanappa S., Soi C., De Bruyckere E., Schwegler H., Britsch S.**
Ulm and Magdeburg (Germany)
The role of bcl11b/ctip2 in hippocampal mossy fiber connectivity
- P141 **Pabst R., Schmiedl A., Schrieber S., Tschernig T , Pabst V C .**
Thanksgiving ceremonies after the dissection course:
A report on procedures in departments of anatomy in
German-speaking countries.
- P142 **Rink S., Grosheva M., Nohroudi K., Schwarz A., Bendella H., Sarikcioglu L., Klimaschewski L., Gordon T., Angelov D.N.**
Cologne, Witten-Herdecke, Germany
Correlation between time-course of expression of trophic factors
indennervated vibrissal muscles with functional recovery of whisking
after facial nerve injury reveals that proper reinnervation requires
elevated BDNF, FGF2 and IGF2, but reduced expression of IGF1 and
NGF
- P143 **Pu Q., Puchert M., Engele J., Brand-Saberi B.**
Bochum, Leipzig, Germany
Investigation of the function of SDF1/CXCR4 signaling during the
head myogenesis
- P144 **Fatu C., Fatu I.C., Fatu A.M, Moscu M.,**
Changes in the buccal mucosa according to the woman's age

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Conference Office - Registration Desk

The conference office can be found in the foyer of the "Zentrum Anatomie", directly at the main entrance.

The conference office is open from Wednesday, 21.09., until Friday, 23.09., from 8:00 to 20:00 o'clock.

Lunch and refreshments

Food vouchers for lunch and drinks (in the "Turm-Mensa"; ca. 3 min. walk) for Wednesday, 21.09, Thursday, 22.09, and Friday, 23.09, can be found in the conference bag and are included in the conference fee. On Saturday, 24.09., self-catering is intended.

In the Studienraum, the Small lecture hall and the courtyard of the "Zentrum Anatomie" coffee, tea, mineral water, juice and pastries will be served.

Registration Fees	April 1st	July 30st
Members	120 €	180 €
Non-members	180 €	240 €
Students	60 €	90 €

Oral Presentations

Speakers are kindly requested to upload their presentation via USB-Stick on the computers in the respective Lecture halls (Anatomy or Physiology) **at least 30 min before** the beginning of the session, or **preferably on the day before!**

The presentations should be compatible with Windows Office 2010 Version. Please also save the presentation as pdf, which should work most certainly. Private laptops should be used only in cases of highly specific technical requirements.

Abstracts

The abstracts will be published online on the homepage of the Anatomische Gesellschaft as a pdf-file: www.anatomische-gesellschaft.de

Poster Sessions

Please prepare the posters in A0 format and mount them on Thursday, September 22, before 11:00 h. All posters will be on display throughout the meeting. During session I (Thursday, September 22, 14:30-16:00) all posters with even numbers, and during session II (Friday, September 23, 14:30-16:00) all posters with odd numbers will be presented by the authors. *During the poster sessions the scientific award committee will review the posters, and three authors (not restricted to young investigators) will receive a poster prize during the closing ceremony.*

Internet access

The internet access is provided via Eduroam (to be accessed with the login data used at your home institution) or via a guest account, the details of which can be obtained at the registration desk.

Public transport

The nearest bus stops are: "Blauer Turm" or "Beyerstraße". Both can be reached from Göttingen railway station with the bus numbers: 21, 23, 41 and 42.

AnatomySlam

The Anatomische Gesellschaft presents its first *AnatomySlam*. It takes place on Tuesday, 20.09.2016, at the Lumière Cinema (Geismarer Landstraße 19, Göttingen) from 19-22h and features science of anatomists presented for the general public (in German). The program consists of:

Sidney Cambridge, HD	Die Anatomie der Liebe
Georg Hafner, Göttingen	Vom Tasten zum Fühlen
Samir Jaber, Erlangen	Kleine Ursache, große Wirkung
Klaus Deckmann, Gießen	UBC Wars
Markus Kipp, München	Ungebetene Gäste - am besten erst gar nicht reinlassen!
Tineke Vogelaar, Mainz	Das Neuron und seine Ausläufer – ein Problem der Distanz
Maximilian Lenz, Düsseldorf	Drahtseilakt im Gehirn und Tuning mit Magneten
Mona Eulitz, Witten	Etwas sehr kleines - groß und begreifbar machen

Day	Time	On-Site / Anatomy (Large lecture hall)	On-Site / Physiology (Large lecture hall)	Off-Site
Wed. Sept. 21	09:00 –16:00 08:00 –20:00 17:00 –19:00 19:00 –21:00	Registration open	Preconference Workshop on Teaching Dedicated to Professor Andreas Oksche, in honor of his 90th birthday	Opening Ceremony Guest Lecture I (Nick Hopwood, Cambridge) "Haeckel's Embryos: Images, Evolution and Fraud" Reception Great Hall (Aula)
Thurs. Sept. 22	08:30 – 09:00	Main topic I Keynote I (Eddy de Robertis, Los Angeles) "Morphogen gradients from Spemann's organizer and the integration of vertebrate anatomy"	Exhibition open	

Thurs Sept. 22	09:00 – 09:30	Keynote II (Cliff Tabin, Boston) “Integration of mechanical forces and signaling pathways in morphogenesis of the gut”		
	09:30 – 10:30	Oral Session 1		
	10:30 – 11:00	Coffee break		
	11:00 – 13:00	Oral Session 2a	Oral Session 2b	
	13:00 – 13:10	Conference picture		
	13:10 – 14:00	Lunch	Lunch	
	14:00 – 14:30	Poster Preview I (even numbers)		
	14:30 – 16:00		Poster Session I (even numbers) with coffee	
	16:00 – 16:30	Main topic II Keynote III (Tobias Moser, Göttingen) “Hearing: development, function and restauration”		

Thurs. Sept. 22	16:30 – 18:30	Young Investigator Award Session I		
	18:30 – 19:30 19:30 – 20:00	Break		Welcome&Drinks
	20:00–22:00			Congress Dinner “Alter Kinosaal”
Fri., Sept. 23	08:30 – 09:00	Guest Lecture II (Toyoshi Fujimoto, Nagoya) "Membrane lipid domain and autophagy of lipid droplets"		
	09:00 – 9:30	Main topic I Keynote IV (Anne Eichmann, New Haven) “Guidance receptors in vascular patterning”		
	09:30 – 10:30	Oral Session 3a	Oral Session 3b	
	10:30 – 11.00	Coffee break		
	11:00 – 13:00	Young Investigator Award Session II		
	13:00 – 14:00	Lunch	Lunch	

Fri. Sept. 23	14:00 – 14:30	Poster Preview II (odd numbers)	Poster Session II (odd numbers) with coffee	
	14:30 – 16:00			
	16:00 – 16:30	Main topic II Keynote V (Moritz Helmstädter, Frankfurt) “Cerebral Cortex Connectomics”		
	16:30 – 18:00	Oral Session 4a	Oral Session 4b	
	18:00 – 18:30	Coffee break		
	18:30 – 20:30	General Assembly (incl. President’s Keynote and FIPAT presentation)		
	21:00			
	22:00			
			Get together (Kartoffelhaus)	
			Party at “EinsB/Heartbeat Lounge”	

Sat. Sept. 24	09:00 – 11:15	Oral Session 5a	Oral Session 5b	
	11:15 – 11:45	Coffee break		
	11:45 – 12:15	Keynote VI (Alain Chedotal, Paris) “3D analysis of human development in transparent embryos		
	12:15 – 12:45	Awards and closing ceremony		
	12:45 – 13:45 13:45 – 15:45	Lunch	Postconference Workshop on Terminology (FIPAT)	

WIP Institutsplanung

We are specialized in planning the technology part of institutes of

Anatomy – Forensics – Pathology

on a worldwide basis.

Our main target is the so called "Technical Anatomy Planning" which involves all technical aspects in each department of the institute. Parallel to this target we make sure that the formaldehyde concentration in the breathing zone of students, lecturers and employees in all departments of the institute (dissecting dpt. / corpses preservation, corpses transportation, embalming, perfusion, cold room, OPcourse rooms) is below the permitted threshold. Our long term experience has lead us to the conclusion that there is a need for this type of medical engineering / planning sector.



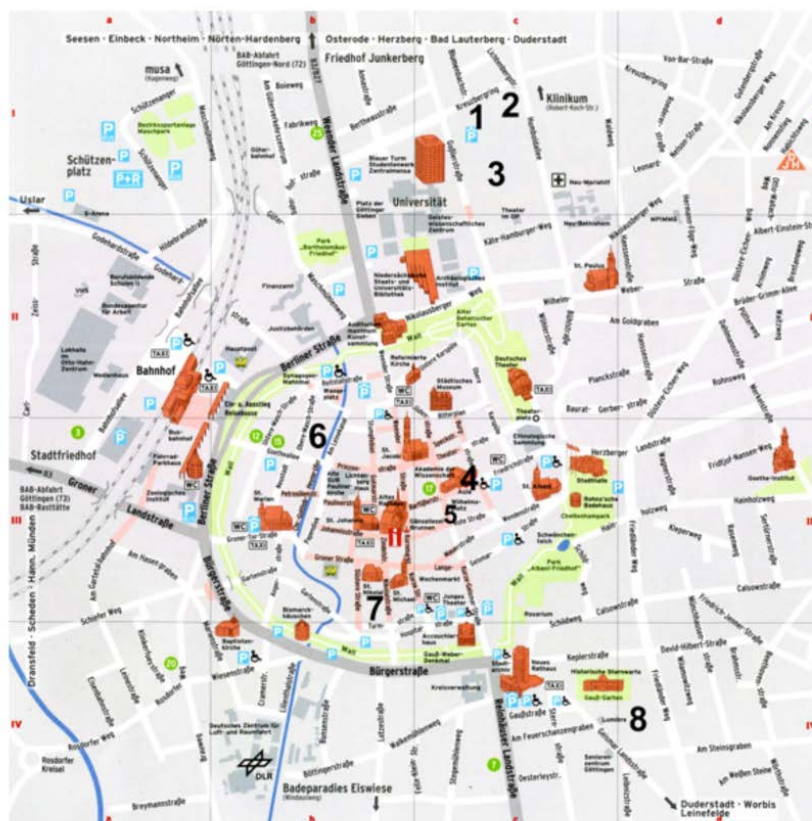
Fig. New Institute of Anatomy and Cell Biology at the Albert-Ludwigs-Universität in Freiburg, Germany
Technical Anatomy Planning by WIP

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Anatomy - Pathology - Forensic Medicine

WIP Institutsplanung UG

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LOCATION OVERVIEW



- 1 Zentrum Anatomie
- 2 Zentrum Physiologie/
Biochemie
- 3 Mensa am Turm
- 4 Aula (am Wilhelmsplatz)
- 5 'Alte Mensa'
(am Wilhelmsplatz)
- 6 Kartoffelhaus
- 7 Party Club: einsB
- 8 Lumière