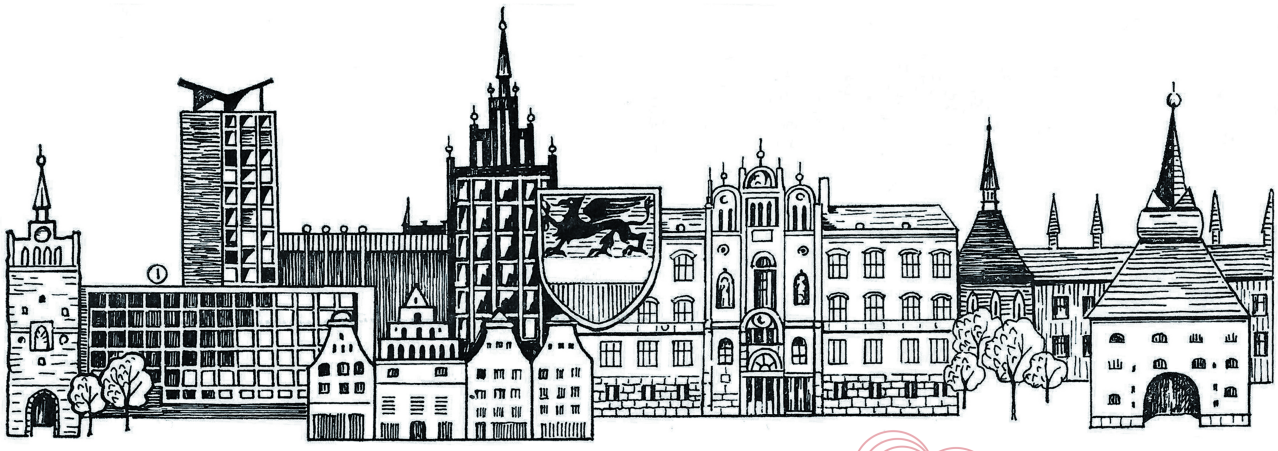
ANATOMISCHE GESELLSCHAFT

1886

113th Annual Meeting

25.09. - 28.09.2018 Hanseatic City of Rostock



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Universitätsmedizin Rostock





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Illustration: Anatomy dissecting lab, University of Åarhus, DK. Incl. extracted mobile dissecting tables and fresh air supply units with light for elimination of formaldehyde fumes

Program

Tuesday, September 25

13.00 - 16.00	Preconference Workshop	Lecture Hall Anatomy
17.00 - 20.00	Opening Reception	Aula, Universitätsplatz

Wednesday, September 26

8.30 - 9.30	**Keynote Lecture** Rolfs	Lecture Hall Anatomy
9.30 - 10.00	Coffee break	Exhibitions
10.00 - 11.30	**Oral Session 1a**	Lecture Hall Anatomy
	Oral Session 1b	Lecture Hall Physiology
11.30 -12.30	Lunch	
12.30 - 14.00	**Oral Session 2a**	Lecture Hall Anatomy
	Oral Session 2b	Lecture Hall Physiology
14.00 - 15.30	**Poster Session I**	Dissection Hall
15.30 - 17.00	**Oral Session 3a**	Lecture Hall Anatomy
	Oral Session 3b	Lecture Hall Physiology
17.00 - 17.30	Coffee break	Exhibitions
17.30 - 18.30	**Keynote Lecture** Finsen	Lecture Hall Anatomy
19.30 - 23.00	Congress Evening	Hochschule Musik &Theater

Thursday, September 27

8.30 - 10.00	**Oral Session 4a**	Lecture Hall Anatomy
	Oral Session 4b	Lecture Hall Physiology
10.00 - 10.30	Coffee break	Exhibitions
10.30 - 11.45	**Oral Session 5a**	Lecture Hall Anatomy
	Oral Session 5b	Lecture Hall Physiology
11.45 -12.45	Lunch	
12.45 - 14.15	**Poster Session II**	Dissection Hall
14.15 - 15.15	**Keynote Lecture** Saarma	Lecture Hall Anatomy
15.15 - 17.15	General Assembly	Lecture Hall Anatomy
18.00 - 21.00	Boat trip	Rostock/Hohe Düne
21.00	ANATOMY Party	Theater des Friedens

Friday, September 28

9.00 - 10.45	**Oral Session 6a**	Lecture Hall Anatomy
	Oral Session 6b	Lecture Hall Physiology
10.45 - 11.15	Coffee break	Exhibitions
11.15 - 12.15	**Keynote Lecture** Timmermans	Lecture Hall Anatomy
12.15 - 12.45	Prizes, Concluding Remarks	Lecture Hall Anatomy

Venues

The **113th Annual Meeting** will take place in the Institute of Anatomy which is located between the harbour and the historic city center. The Institute of Anatomy belongs to the most beautiful university buildings in Rostock and celebrates its 140th birthday this year.



Institute of Anatomy
Gertrudenstraße 9
18057 Rostock

From the Institute of Anatomy it is only a few minutes walk to the historic city center with its numerous shops, restaurants and hotels.

The **Opening Ceremony** will take place in the Aula of the Universtiy which is located directly in the city center.



Aula Universität Rostock
Universitätsplatz 1
18055 Rostock

The **Congress Evening** will take place in the Rostock University of Music and Drama.



Hochschule für Musik und Theater Rostock
Beim St.-Katharinenstift 8
18055 Rostock

General informations

Talks

All speakers must submit their presentations in the „Speakers´ Room“ at **least 1 hour before** the start of their session in order to check their slides with the technical staff.

Speakers can upload their presentations at any time from the beginning of the meeting do not need to wait until the day of presentation. Speakers in the morning sessions are strongly advised to pre-load their presentations the day before.

Alternatively, you may supply your own laptop computer. In such a case please confirm that it has **a VGA or a HDMI** socket for external signal and come to check it first in the Speakers' Room as soon as you arrive and later on in the Lecture Hall where your session is taking place during the break prior to your session, at least 30 minutes before the session starts.

Poster Presentation

Two poster sessions are scheduled during the 113th Annual Meeting and will take place in the Dissections Hall of the Institute.
Poster Session I (Wednesday, September 26, 14.00 - 15.30) will include all posters with uneven numbers and **Poster Session II** (Thursday, September 27, 12.45 - 14.15) will include all posters with even numbers.

The poster must be in **DIN A0, portrait fromat**. It should not exceed the following dimensions: 119 cm height, 85 cm width.

Fixing material will provided on-site at the poster help desk.

Preconference Workshop

Neue Lehrkonzepte im Rahmen der anatomischen Ausbildung:

Herausforderungen und Möglichkeiten

13.oo - 13.05 Begrüßung; Markus Kipp (München)

13.05 - 13.20 Digitale 3D Visualisierung: Lückenschluss zwischen mikroskopischer und makroskopischer Topographie / Anatomie. Robert Mlynski (Rostock)

13.20 - 13.35 Einsatz von hochauflösender, dreidimensionaler, fokussierbarer, virtueller Mikroskopie in der anatomischen Lehre. Christoph Schmitz (München)

13.35 - 13.50 Digitalisierung in der Hochschullehre - Das Nutzerverhalten und unsere ToDos. Bernhard Hirt (Tübingen)

13.50 - 14.05 Digitalisierung anatomischer Präparate in der Lehre: Vom Präparat über virtuelle Modelle zum 3D-Druck. Tim Clarner (Aachen)

14.05 - 14.20 MyMi.mobile - adaptiver individualisierter Wissenstransfer in der Mikroskopischen Anatomie. Katharina Langer-Fischer (Ulm)

Coffee break

14.45 - 15.00 Mass three-dimensional printing of sub-mesoscopic structures for human embryology teaching in the class room. Alexander Rulle (Göttingen)

15.00 - 15.15 Post mortem computer tomography in teaching human gross anatomy. – A successful integration in the undergraduate medical curriculum
Kerstin Klopries (Heidelberg)

15.15 - 15.30 Open Anatomical Learning Materials
Paul Gobee (Leiden)

15.30 - 15.45 Sonografie in der anatomischen Ausbildung
Sven Schumann (Magdeburg)

15.45 - 16.00 HistoDigital und Cinematic Rendering – Entwicklung und Einsatzmöglichkeiten innovativer technologischer Verfahren zur Verbesserung volumetrischer Bildgebung in Anatomie und Histologie
Michael Scholz (Erlangen)

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Wednesday, 26th September

8.30 - 9.30 **Keynote Lecture I** Arndt Rolfs

„History in anatomy and future in rare diseases“

9.30 - 10.00 **Coffee break**

10.00 - 11.30 **Oral Session 1a (Neurodegeneration/Neuroregeneration I)**

10.00 - 10.15 T1 Vogelaar C. F., Mandal S., Lerch S., Vogt J., Nitsch R., Zipp F. *Mainz and Muenster*
„Neuronal IL-4R signaling in CNS repair“

10.15 - 10.30 T2 Hochstrasser T., Rühling S., Kramer F.,Kipp M. *Munich*
„Axonal transport deficits are driven by inflammation rather than demyelination“

10.30 - 10.45 T3 Rennet M., Ostertag D., Behrangi N., Yakimov V., Kipp M. *Munich*
„The phosphatase inhibitor CPI17 regulates demyelination and autoimmune inflammation in the brain“

10.45 - 11.00 T4 Nellessen A., Liessem-Schmitz A., Nyamoya S., Scheld M., Helten H., Teske N., Wruck C., Beyer C., Fragoulis A., Clarner T. *Aachen and Munich*
„The cuprizone model as a tool to study the relevance of Nrf2-activation for lesion development and progression in Multiple sclerosis“

11.00 - 11.15 T5 Chrzanowski U., Bhattarai S., Scheld M., Clarner T., Fallier-Becker P., Beyer C., Rohr S. O., Schmitz C., Hochstrasser T., Schweiger F., Amor S., Horn-Bochtler A., Denecke B., Nyamoya S., Kipp M. *Munich, Aachen and Tuebingen, Amsterdam (The Netherlands)*
„Cuprizone-induced oligodendrocyte degeneration triggers peripheral immune cell recruitment into the forebrain“

11.15 - 11.30 T6 Fledrich R., Abdelaal T., Rasch L., Bansal V., Brügger B., Lüchtenborg C., Prukop T., Katona I., Weis J., Klein D., Ewers D., Hermes D., Schütza V., Möbius W., Martini R., Brück W., Bonn S., Nave K.-A., Sereda M. W., Stassart R. M. *Leipzig, Göttingen, Hamburg, Heidelberg, Aachen and Wuerzburg*
„Targeting myelin lipid metabolism as a therapeutic strategy in a model of CMT1A neuropathy“

10.00 - 11.30 Oral Session 1b (Experimental Morphology)

10.00 - 10.15 T7 Eckstein F., Wax S., Aydemir A., Wirth W., Maschek S., Hochberg M. *Salzburg (Austria), Baltimore (USA), Ainring (Germany)*
„Intra-articular sprifermin reduces cartilage loss in addition to increasing cartilage gain in a randomized, placebo-controlled phase II clinical trial“

10.15 - 10.30 T8 Wicklein D. *Hamburg*
„CEACAM1 promotes melanoma metastasis and is involved in the regulation of the EMT associated gene network in melanoma cells“

10.30 - 10.45 T9 Labitzky V., Stürken C., Rapöhn I., Hanika S., Wicklein D., Rieken K., Oliveira-Ferrer L., Milde-Langosch K., Schumacher U., Lange T. *Hamburg*
„Intraperitoneal spreading of ovarian cancer cells depends on integrin-β4 expression in xenograft model“

10.45 - 11.00 T10 Lange T. *Hamburg*
„CHD1 deletion is an independent predictor of poor prognosis by increased metastasis in both PTEN-deficient and -intact prostate cancer“

11.00 - 11.15 T11 Hanika S., Labitzky V., Gebauer F., Wicklein D., Maar H., Gosau T., Schröder-Schwarz J., Linder S., Riecken K., Schumacher U., Lange T. *Hamburg*
„Integrin β4 knockdown in tumor cells synergizes with E- and P-selectin knockout in mice to suppress tumor growth: Unravelling the molecular mechanisms“

11.15 - 11.30 T12 Starzonek S., Maar H., Wicklein D., Schumacher U., Lange T. *Hamburg*
„Cancer cells use different classes of ligands for the adhesion to human or murine E- and P-selectin under static or dynamic binding conditions“

11.30 - 12.30 Lunch

12.30 - 14.00 Oral Session 2a (Neurodegeneration/Neuroregeneration II)

12.30 - 12.45 T13 von Hövel F., Rumpel R., Ratzka A., Schreiner D., Grothe C. *Hannover*
„Comprehensive evaluation of AAV2/DJ-mediated alpha-synuclein overexpression in the rat substantia nigra“

12.45 - 13.00 T14 Hausott B., Marvaldi L., Jamsuwan S., Klimaschewski L. *Innsbruck (Austria)*
„Sprouty2 knockdown promotes axon regeneration“

13.00 - 13.15 T15 Röderer P., John F., Zwilling M., Matschke J., Theiss C., Matschke V. *Bochum*
„Impaired ROS Metabolism in Wobbler Mice, a Model of Sporadic Amyotrophic Lateral Sclerosis“

13.15 - 13.30 T16 Menon V., Thomas R., Elgueta C., Horl M., Osborn T., Hallett P. J., Bartos M., Isacson O., Pruszak J. *Freiburg, Boston (USA)*
„Neural surface antigen profiling reveals transferrin receptor protein-1 (CD71) as a novel neuronal selection marker for human stem cell paradigms“

13.30 - 13.45 T17 Cossais F., Lange C., Scharf A., Barrenschee M., Zorenkov D., Schaeffer E., Deuschl G., Berg D., Ellrichman M., Boettner M., Wedel T. *Kiel*
„Altered enteric neuro-inflammatory signature in patients with Parkinson's disease – A pilot study“

13.45 - 14.00 T18 Rojo Arias J. E. , Au Yeung Kwan Ho A. Y., Merdausl M., Englmaier V., Santos-Ferreira T., Economopoulou M., Ader M., Morawietz H., Funk R. HW., Jászai J. *Dresden*
„Pharmacological modulation of vascularization and visual dysfunction in a murine degenerative hypoxic ischemic retinopathy model“

12.30 - 14.00 Oral Session 2b (Gross Anatomy/Clinical Anatomy)

12.30 - 12.45 T19 Wree A.,Schulze M., Keiler J. *Rostock*
„Macroscopic anatomy of the nasolacrimal system“

12.45 - 13.00 T20 Wedel T., Ackermann J., Hagedorn H., Maas N., Alkatout I. *Kiel*
„Educational training in gynecological laparoscopic surgery based on ethanol-glycerol preserved body donors“

13.00 - 13.15 T21 Hinganu M., Haba D., Cozma S. R., Hinganu D. *Iasi (Romania)*
„Sopranes vs tenors“

13.15 - 13.30 T22 Pieroh P., Li Z.-L., Kawata S., Ogawa Y., Dehghani F., Steinke H., Josten C., Itoh M. *Leipzig and Halle-Wittenberg, Tokyo (Japan)*
„A topographical investigation of the human symphysis pubis with measurements of the pubic ligaments“

13.30 - 13.45 T23 Kirschneck C., Calvano Küchler E., Wahlmann U., Proff P.,Schröder A. *Regensburg, São Paulo (Brazil)*
„Effects of the highly COX-2-selective analgesic NSAID etoricoxib on the rate of orthodontic tooth movement“

13.45 - 14.00 T24 Domagala Z., Grzelak J., Hunter N., Klekowski J., Agnieszka Lach A., Pospiech N., Stoj K.,Trzaska M. *Wrocław (Poland)*
„An ultrasound evaluation of radial artery in young adults“

14.00 - 15.30 Poster Session I (Dissection Hall)

15.30 - 17.00 **Oral Session 3a (Neuroanatomy I)** Lecture Hall Anatomy

15.30 - 15.45 T25 Wieghofer P., Hagemeyer N., Sankowski R., Staszewski O., Grün D., Lange C., Bechmann I., Prinz M. *Leipzig and Freiburg*
„Ontogeny and transcriptional heterogeneity of eye macrophages on single-cell level“

15.45 - 16.00 T26 Jedlicka P., Beining M., Mongiat L., Schwarzacher S., Cuntz H. *Giessen and Frankfurt, Buenos Aires (Argentina)*
„A novel computational model of mature and adult-born dentate granule cells provides insights into their structure-function relationships“

16.00 - 16.15 T27 Payrhuber G., Fan W., Muthuraman M., Groppa S., Stroh A., Vogt J. *Mainz*
„PLPPR-4/PRG-1 acts as a neuronal lipidporin“

16.15 - 16.30 T28 Jamann N., Dannehl D., Maurer J., Wagener R., Kaiser M., Corcelli C., Schultz C., Staiger J., Engelhardt M. *Mannheim, Heidelberg and Goettingen, Geneva (Switzerland)*
„A role for the axon initial segment in rapid modulation of neuronal input-output parameters in mouse barrel cortex“

16.30 - 16.45 T29 Bender R. A., Li X., Neumüller F., Rune G. M. *Hamburg*
„Novel and sex-specific effects of G-protein-coupled estrogen receptor GPER1 signaling in hippocampus“

16.45 - 17.00 T30 Wallrafen R., Dresbach T. *Goettingen*
„The Presynaptic Protein Mover is Differentially Expressed across Brain Areas and Synapse Types“

15.30 - 17.00 **Oral Session 3b (Cell Biology I)** Lecture Hall Physiology

15.30 - 15.45 T31 Melega F., Rötzer V., Garreis F., Paulsen F., Waschke J. *Munich and Erlangen*
„E-cadherin but not desmosomal cadherins is critical for intercellular cohesion in Meibomian gland cells“

15.45 - 16.00 T32 Reichold M. *Regensburg*
„Mutations in GATM causing renal Fanconi syndrome and kidney failure“

16.00 - 16.15 T33 Vielmuth F., Fuchs M., Radeva M. Y., Loschke F., Magin T. M., Spindler V., Waschke J. *Munich, Leipzig and Basel (Switzerland)*
„Keratin-dependent desmoglein1 redistribution during loss of intercellular adhesion in pemphigus is mediated by p38MAPK“

16.15 - 16.30 T34 Haerteis S., Bertog M., Kraus A., Korbmacher C., Buchholz B. *Regensburg and Erlangen*
„TRPV4 ion channel as potential regulator of cyst growth in cyst-forming collecting duct cells“

16.30 - 16.45 T35 Fragoulis A., Walter J., Cramer T., Neumann U. P., Ulmer T. F., Kroh A. *Aachen*
„Establishment of a new NASH-derived murine hepatocellular carcinoma cell line“

16.45 - 17.00 T36 Hohmann T., Grabiec U., Vogel C., Ghadban C., Ensminger S., Bache M., Vordermark D., Dehghani F. *Halle (Saale)*
„The Impact of Non-Lethal Single-Dose Radiation on Tumor Invasion and Cytoskeletal Properties“

17.00 - 17.30 **Coffee break**

17.30 - 18.30 **Keynote Lecture II** Bente Finsen

„Innate immunity in chronic neurodegenerative disease“

19.30 - 23.00 **Congress Evening** HMT

Thursday, 27th September

8.30 - 10.00 **Oral Session 4a (Neuroanatomy II)**

8.30 - 8.45 T37 Trinh S., Beyer C., Pabst O., Seitz J. *Aachen*
„Interaction of gut microbiota and the brain in Anorexia nervosa“

8.45 - 9.00 T38 Häussler U., Tulke S., Kilias A., Johnston M., Haas C. A. *Freiburg*
„Pathological connectivity of the hippocampal CA2 region in temporal lobe epilepsy“

9.00 - 9.15 T39 Lenz M., Kleidonas D., Vlachos A. *Freiburg*
„Ammonia-induced changes in synaptic excitation/inhibition-balance: cellular and molecular mechanisms of hepatic encephalopathy“

9.15 - 9.30 T40 Anstötz M., Maccaferri G. *Hamburg, Chicago (USA)*
„Subcortical modulation of hippocampal Cajal-Retzius cells“

9.30 - 9.45 T41 Dillinger A.E., Guter M., Froemel F., Weber G.R., Perkumas K., Stamer D.W., Fuchshofer R., Breunig M. *Regensburg, Durham (USA)*
„Efficient targeting of CD44 by hyaluronan coated-nanoparticles in outflow tissues – new therapeutic approach for glaucoma“

9.45 - 10.00 T42 Busch M., Papior D., Stephan H., Dünker N. *Essen*

„Chemotherapy resistant retinoblastoma cells – potential risk to develop aggressive local relapse?“

8.30 - 10.00 Oral Session 4b (Cell Biology II)

8.30 - 8.45 T43 Egu D.T., Walter E., Spindler V., Waschke J. *Munich, Basel (Switzerland)*
„A new ex-vivo human mucosa model reveals that p38MAPK inhibition in contrast to epidermis is not effective to prevent autoantibody-induced mucosal blistering in pemphigus“

8.45 - 9.00 T44 Fuchs M., Waschke J., Franziska Vielmuth F. *Munich*
„Plakophilins regulate desmosomal hyper-adhesion and modulate Dsg3 oligomerization and binding properties“

9.00 - 9.15 T45 Kugelmann D., Rötzer V., Vielmuth F., Egu D. T., Walter E., Hertl M., Spindler V., Jens Waschke J. *Munich and Marburg*
„Role of Src and cortactin in pemphigus skin blistering“

9.15 - 9.30 T46 Rusu M., Hostiuc S. *Bucharest (Romania)*
„Cardiac telocytes or cardiac lymphatics?“

9.30 - 9.45 T47 Keshavarz M., Rafiq A., Meiners M., Hartmann P., Ruppert A.-L., Mermer P., Bakir N., Fleck K., Perniss A., Deckmann K., Soutanova A., Krasteva-Christ G., Wessler I., Klein J., Schütz B., Kummer W. *Giessen, Marbug and Homburg*
„Stimulation of chemosensory brush cells triggers cholinergic contraction in the mouse gall bladder“

9.45 - 10.00 T48 Olivares-Florez S., Schinner C., Schlipp A., Waschke J. *Munich*
„Digitoxin enhances cardiomyocyte cohesion which is crucial for positive inotropy“

10.00 - 10.30 Coffee break

10.30 - 11.45 Oral Session 5a (Neuroanatomy III)

10.30 - 10.45 T49 Knickmeyer M., Eckert P., Heermann S. *Freiburg*
„Towards the identification of effector molecules which are driving optic fissure fusion“

10.45 - 11.00 T50 Feldmann S., Wahl T., Joos N., Wiegreffe C., Britsch S. *Ulm*
„Transcriptional control of developmental cell death in the neocortex by Bcl11a/Ctip1“

11.00 - 11.15 T51 Körber C., Pfarr S., Schaaf L., Sommer W. *Heidelberg* and *Mannheim*
„Anatomically defined neuronal ensembles in the infralimbic prefrontal cortex engaged in drug or natural reward seeking“

11.15 - 11.30 T52 Schumann S., Zenker M., Schmeisser M.J. *Magdeburg*
„The KEOPS complex in the developing brain: Implications for neurodevelopmental disorders?“

11.30 - 11.45 T53 Witte M., Staiger J. *Goettingen*
„Transgenic mice in Neuroanatomy – Blessing or Curse?“

10.30 - 11.45 Oral Session 5b (Cell Biology III)

10.30 - 10.45 T54 Maxeiner S., Gettings S., Althaus M., Krasteva-Christ G. *Homburg, Newcastle upon Tyne (UK)*
„How to examine a human gene that is absent in mouse? – Studying epithelial sodium channels (ENaC) in guinea pigs“

10.45 - 11.00 T55 Artelt N., Siegerist F., Kavvadas P., Rogge H., Blumenthal A., Schlüter R., van den Brandt J., Chatziantoniou C., Endlich K., Endlich N. *Greifswald, Paris (France)*
„Palladin plays an important role for proper podocyte morphology and function“

11.00 - 11.15 T56 Kliewe F., Kaling S., Loetzsch H., Schroeder S., Scharf C., Amann K., Lindenmeyer M., Cohen C., Endlich K., Endlich N. *Greifswald, Erlangen and Munich*
„Studying the role of fibronectin in mechanically stressed podocytes“

11.15 - 11.30 T57 Ritter A. M., Artelt N., Leitermann L., Schlüter R., van den Brandt J., Endlich K., Endlich N. *Greifswald*
„Knockout of palladin in podocytes of mice with a 129S1 background disturbs glomerular morphology“

11.30 - 11.45 T58 Mietens A., Tasch S., Eichner G., Middendorff R. *Giessen*
„Time-lapse imaging unveils the superposition of distinctive contractile patterns in rat and human seminiferous tubules“

11.45 - 12.45 Lunch

12.45 - 14.15 Poster Session II (Dissection Hall)

14.15 - 15.15 Keynote Lecture III Mart Saarma

„Can growth factors slow down disease progression in Parkinson’s disease?“

15.15 - 17.15 General Assembly Lecture Hall Anatomy

18.00 - 21.00 Boat trip City Harbour

21.00 ANATOMY Party Theater des Friedens

Friday, 28th September

9.00 - 10.45 Oral Session 6a (Biomaterial/Tissue Engineering)

9.00 - 9.15 T59 Lange T., Kindt F., Kuhn J., Stracke S., Lendeckel U., Rettig R., Endlich K., Endlich N. *Greifswald*
„Urinary exosomal miRNA expression in CKD: miR-21 as a potential biomarker“

9.15 - 9.30 T60 Schindler M., Blumenthal A., Endlich K., Endlich N. *Greifswald*
„Adriamycin does not induce podocyte damage per se in zebrafish larvae“

9.30 - 9.45 T61 Tsikolia N., Rulle A., Bertocchini F., Viebahn C. *Goettingen, Santander (Spain)*
„The ancestral architecture of primate gastrulation“

9.45 - 10.00 T62 Herdina A. N., Geyer S. H., Preineder E., Weninger W.J. *Vienna (Austria)*
„Morphology and topology of the cranial nerves of genetically normal and modified mouse embryos harvested at E14.5“

10.00 - 10.15 T63 Washausen S., Knabe W. *Muenster*
„Lateral line placodes of aquatic vertebrates are evolutionarily conserved in mammals“

10.15 - 10.30 T64 Hampel U., Burgemeister F., Eßel N., Paulsen F., Garreis F. *Mainz and Erlangen*
„Impact of shear stress on corneal epithelial cells using an in vitro flow culture model“

10.30 - 10.45 T65 Matusica D., Canlas J., Martin A., Travis L., Spencer N., Keating D., Haberberger R.V. *Adelaide (Australia)*
„50B11 cells as a suitable component of a pain-o-meter“

9.00 - 10.45 Oral Session 6b (Neurodegeneration/Neuroregeneration III)

9.00 - 9.15 T66 Grabiec U., Vogel C., Hohmann T., Ghadban C., Antonietti A., Zimmer A., Ken Mackie (Indiana University), Dehghani F. *Halle (Saale) and Bonn, Bloomington (USA)*
„Effects of N-Arachidonoyl Glycine after Neuronal Injury“

9.15 - 9.30 T67 Hensel N., Jung K., Claus P. *Hannover*
„Dysregulated Signaling in SMA: from isolated pathway approaches to a clustered network representation“

9.30 - 9.45 T68 Schweiger F., Pfeiffer F., Chrzanowski U., Walter E.,Kipp M. *Munich, Tuebingen*
„Compact Myelin Detachment after metabolic Oligodendrocyte injury“

9.45 - 10.00 T69 Pieroh P., Wagner D.-C., Alessandri B., Nazari M. D., Ehrlich A., Ghadban C., Hobusch C., Birkenmeier G., Dehghani F. *Halle (Saale), Leipzig, Mainz*
„Temporal glyoxalase 1 changes after perforant pathway transection, excitotoxicity and controlled cortical impact injury“

10.00 - 10.15 T70 Clarner T., Miriam Scheld M., Natalie Gasterich N., Ranjbar Taklimie F., Beissel M., Wetz S., Weiskirchen R., Kipp M., Beyer C., Zendedel A. *Aachen and Munich*
„The role of Lipocalin 2 in multiple sclerosis lesion development“

10.15 - 10.30 T71 Zhan J., Rühling S., Yakimov V., Kipp M. *Munich*
„High speed ventral plane videography as a method to measure motor dysfunction in mice“

10.30 - 10.45 T72 Stanković N.D., Bicker F., Keller S., Jones D. T. W., Harter P. N., Kienzle A., Gillmann C., Arnold P., Golebiewska A., Keunen O., Giese A., von Deimling A., Bäuerle T., Niclou S. P., Mittelbronn M., Ye W., Pfister S., Schmidt M. HH *Mainz, Heidelberg, Frankfurt am Main, Erlangen, Kiel, Luxembourg (Luxembourg), San Francisco (USA)*
„EGFL7 enhances surface expression of integrin ALPHA5BETA1 to promote angiogenesis in malignant brain tumors“

10.45 - 11.15 **Coffee break**

11.15 - 12.15 **Keynote Lecture IV** Jean-Pierre Timmermans

„The gut as early entry route for the development of neurodegenerative diseases?“

12.15 - 12.45 **Awards and Closing Ceremony** Lecture Hall Anatomy

Poster Preview

Biomaterials

P1 Gögele C., Schulze-Tanzil G., Kokozidou M., Müller-Kühnle J., Billner M., Reichert B., Gäbel C., Bodenschatz K. *Dresden and Nuremberg, Salzburg (Austria)*
„Wound dressings affect vitality and adherence of juvenile and adult human fibroblasts in vitro in dependency of the test model“

P2 Keiler J., Schulze M., Pfensig S.,, Dohmen P., Wree A. *Rostock*
„Topographic mapping and structural characterization of neointimal lead encapsulations - a post mortem study in arrhythmia patients with implantable cardiac electronic devices“

Cell Biology

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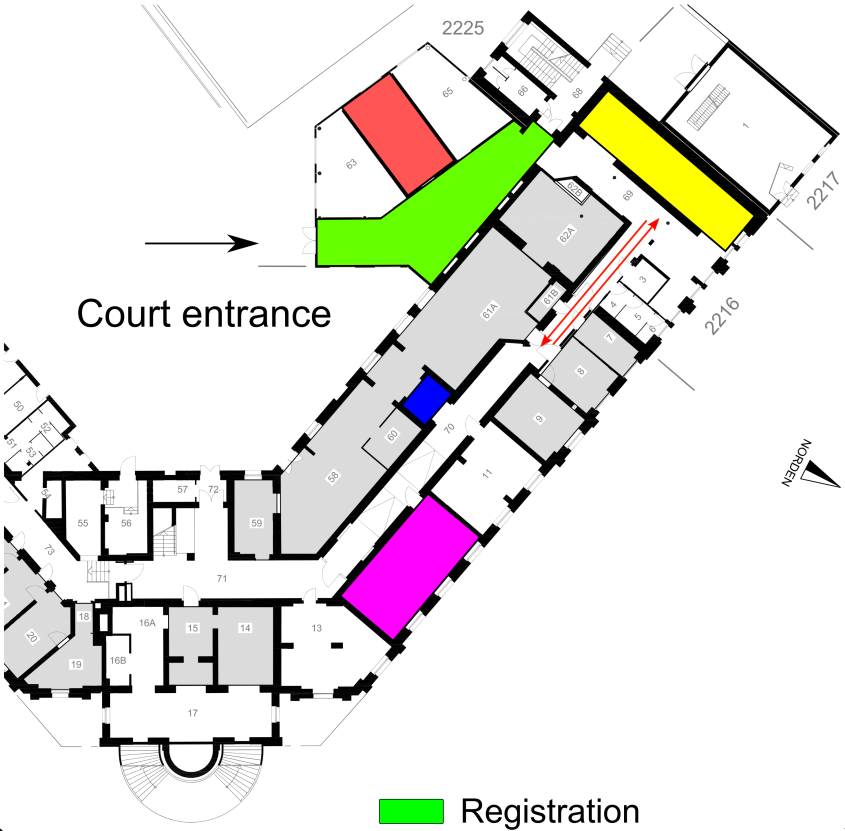
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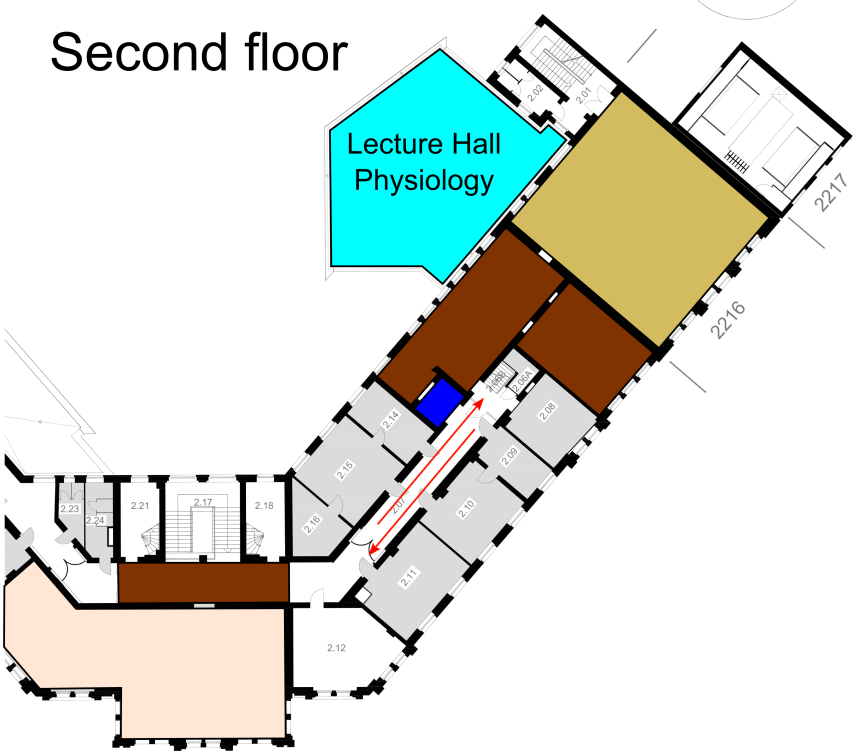
Notes

Notes

Ground floor



Second floor



- Registration
- Speakers Room
- Wardrobe
- Exam room
- Lecture Hall
- Poster Sessions
- Catering & Exhibition
- Elevator
- Anatomical collection

Third floor

