



Hochschulbibliografie 2018



Hochschulbibliografie der Medizinischen Hochschule Hannover

Berichtsjahr 2018

erstellt in der Bibliothek
der Medizinischen Hochschule Hannover

MHH-Hochschulbibliografie 2018

Sehr geehrte Damen und Herren,

mit der Hochschulbibliografie 2018 liegt nun die elfte Jahreskumulation der Publikationen von MHH-Autoren, die im Rahmen der Datenerhebung zur Berechnung der leistungsorientierten Mittelvergabe (LOM) der Bibliothek gemeldet wurden, vor. Die gesamte Datenbank zählt nunmehr über 33.000 Einträge.

Die hier vorliegende Liste des Berichtszeitraumes 2018 enthält auch Publikationen mit Drucklegung 2019 sofern die elektronische Erstveröffentlichung bereits 2018 stattfand.

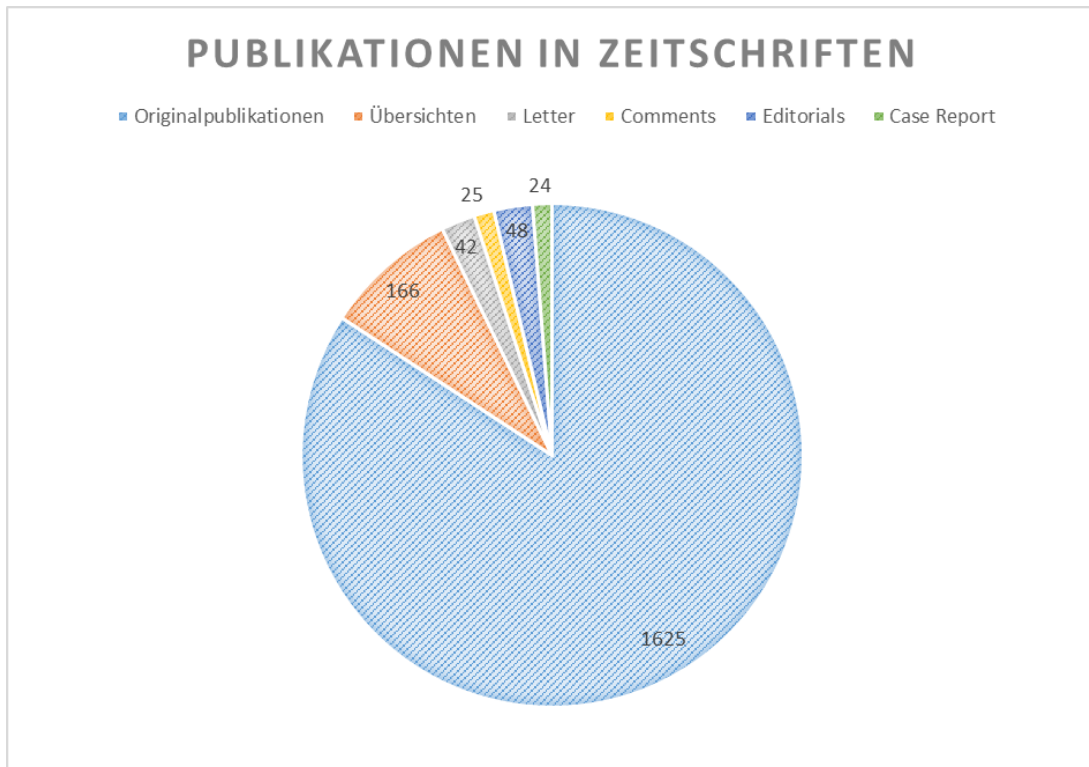
Neben der für die LOM-Berechnung relevanten Publikationen enthält die Sammlung auch die an die Bibliothek abgelieferten MHH-Hochschulschriften (Habilitationen, Dissertationen etc.) sowie weitere Publikationsarten, die für die LOM-Berechnung nicht herangezogen werden, wie Case Reports, Comments, Abstracts und Poster.

Die Sortierung nach Abteilungen folgt der Darstellung des Gliederungsplans der MHH. Die Veröffentlichungen sind den Abteilungen zugeordnet, in denen sie entstanden sind bzw. für die die LOM-Berechnung erfolgt. Die Entwicklung der Verteilung auf die verschiedenen Publikationsarten stellt sich wie folgt dar:

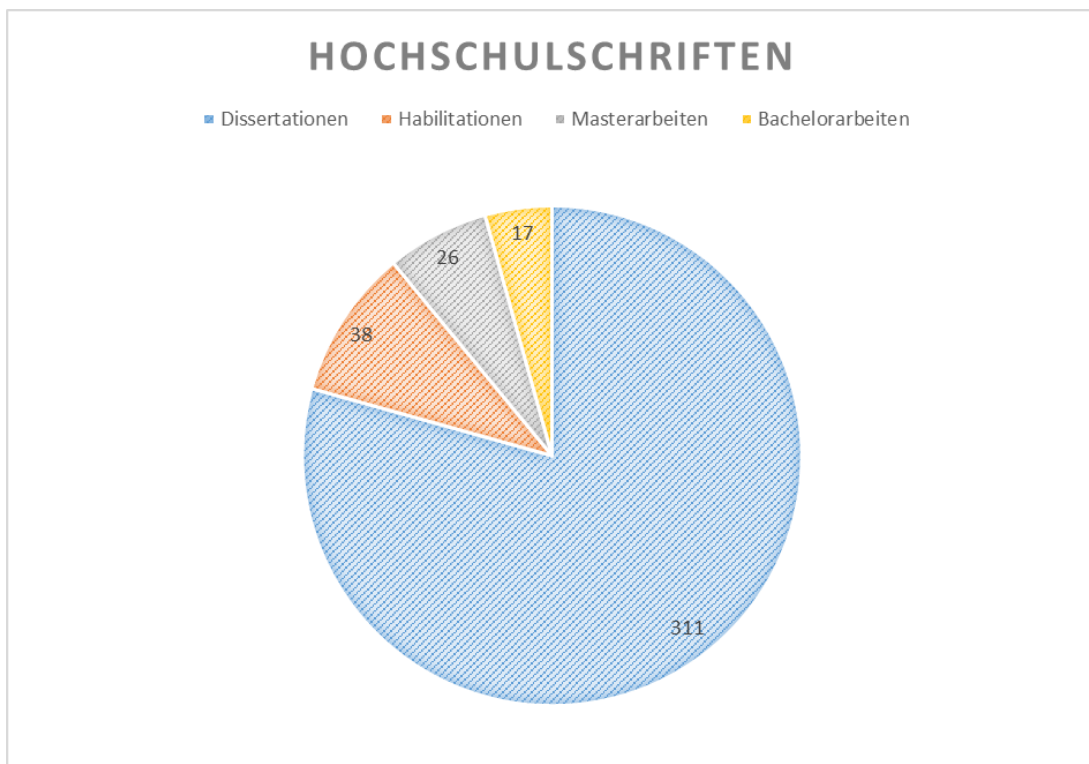
Publikationsarten

	2011	2012	2013	2014	2015	2016	2017	2018
Zeitschriftenliteratur								
Originalpublikationen	1880	1907	1940	1961	1979	1908	1922	1625
Übersichten	237	226	229	197	196	182	168	166
Letter	46	45	43	30	28	39	31	42
Comments	16	18	23	23	13	20	16	25
Editorials	40	46	35	37	47	40	34	48
Case Reports		33	40	38	34	33	28	24
Kongressbeiträge								
Vorträge	14	63	26	2	3	3	0	17
Abstracts	90	96	229	216	192	100	121	356
Poster	4	25	17	5	7	5	11	29
Hochschulschriften								
Dissertationen	311	326	349	347	319	310	304	311
Habilitationen	33	44	20	30	28	16	22	38
Masterarbeiten	54	48	75	54	39	58	47	26
Diplomarbeiten	7	1	5	1	0	1	1	0
Bachelorarbeiten	18	24	29	30	26	19	23	17
Buchveröffentlichungen								
Buchbeiträge, Monografien	226	243	191	159	141	167	108	175
Herausgeberschaften	19	19	11	19	12	22	12	13
Sonstige								
	19	21	20	0	16	17	14	32
Summen <small>(Mehrfachnennungen möglich. Stand: September 2019)</small>	3005	3163	3224	3166	3073	2940	2862	2944

Im Jahr 2018 musste ein deutlicher Rückgang an Originalpublikationen verzeichnet werden, deren Zahl deutlich unter der der Vorjahre liegt. Die Verteilung auf die einzelnen Publikationsarten in der Zeitschriftenliteratur stellt sich wie folgt dar:



Die Hochschulschriften zeigen ein nach wie vor konstantes Bild. Die Verteilung auf die verschiedenen Publikationsarten zeigt folgendes Bild:



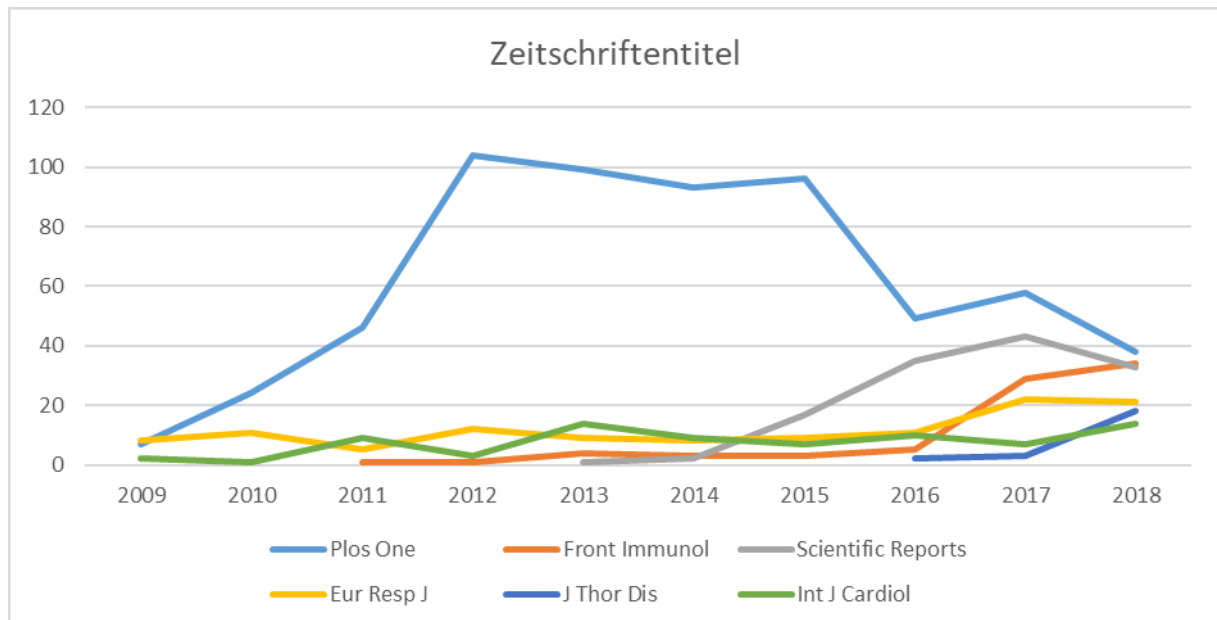
Während alle in der Hochschulbibliografie verzeichneten Publikationen von der Bibliothek im Rahmen des Datentransfers und der Verifikation in verschiedenen Datenbanken geprüft wurden, entstammen die Zuordnungen zu einem Publikationstyp sowie der beteiligten Abteilungen den Publikationsmeldungen an die Bibliothek.

Zeitschriften

Die folgende Übersicht zeigt eine Rangliste der in 2018 am häufigsten zur Publikation genutzten Zeitschriften unabhängig vom Publikationstyp:

Zeitschrift	Publikationen
PLoS One	38
Front. Immunol.	34
Sci.Rep.	33
Eur Resp J	21
J Thoracis Dis	18
Int J Cardiol	16
Nat Commun	15
Eur J Phys Rehabil Med	13
Internist	13
Bone Marrow Transplant	13
Blood	13

Viel Bewegung ist in der Wahl der Zeitschriftentitel zu beobachten. Ein Blick auf die Entwicklung der Publikationszahlen der in 2018 am häufigsten verwendeten Zeitschriften zeigt folgendes Bild:



Weitere Informationen

Diese statistischen Auswertungen der bibliografischen Daten sind nur Momentaufnahmen. Die Bibliografie wächst nicht nur mit neuen Berichtszeiträumen, sondern auch retrospektiv, durch Nachmeldungen und Korrekturen an Daten vergangener Jahrgänge.

Ergänzend sei an dieser Stelle an die tagesaktuelle und jahrgangsübergreifende Datenbankversion der Hochschulbibliografie erinnert. Sie ist über das [Internet](#) zugänglich. Hier sind auch komplexere Recherchen, Datenexport, bibliografische Aufbereitung etc. für die Öffentlichkeit möglich. Einen schnellen Einstieg bietet [PuDalys](#). Das Publikations-Datenbank und Analyse-Tool der MHH-Bibliothek bietet einen übersichtlichen Zugriff auf die hochschulbibliografischen Daten. Darüber hinaus sind hier auch verschiedene Auswertungen (z.B. nach hochschulinternen Kooperationen etc.) möglich.

Weitere Informationen zum Komplex Hochschulbibliografie finden Sie auf der [Homepage](#) der MHH-Bibliothek.

Die Bibliothek dankt allen Mitarbeiterinnen und Mitarbeitern in den Abteilungen für ihre Kooperation nicht nur bei den Meldungen neuer Publikationen, sondern auch für die Hinweise zu einzelnen Einträgen oder der generellen Nutzbarkeit der Bibliografie.

MHH-Bibliothek im September 2019

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Kliniken/Institute der Sektion I

Zentrum Anatomie und Zellbiologie

Institut für Funktionelle und Angewandte Anatomie – 4120

Originalpublikationen

Bates MA, Akbari P, Gilley KN, Wagner JG, Li N, Kopec AK, Wierenga KA, Jackson-Humbles D, Brandenberger C, Holian A, Benninghoff AD, Harkema JR, Pestka JJ. Dietary Docosahexaenoic Acid Prevents Silica-Induced Development of Pulmonary Ectopic Germinal Centers and Glomerulonephritis in the Lupus-Prone NZBWF1 Mouse *Front Immunol* 2018;9:2002 Beneke V, Küster F, Neehus AL, Hesse C, Lopez-Rodriguez E, Haake K, Rafiei Hashtchin A, Schott JW, Walter D, Braun A, Wolkers WF, Ackermann M, Lachmann N. An immune cell spray (ICS) formulation allows for the delivery of functional monocyte/macrophages *Sci Rep* 2018;8(1):16281

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Letter

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Buchbeiträge, Monografien

Grothausmann R, Mühlfeld C, Ochs M, Knudsen L. Shape and facet analyses of alveolar airspaces of the lung. In: Reuter M, Wachinger C, Lombaert H, Paniagua B, Lüthi M, Egger B [Hrsg.]: *Shape in Medical Imaging*. Cham: Springer International Publishing, 2018. (Image Processing, Computer Vision, Pattern Recognition, and Graphics ; 11167). S. 49-64

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Schmiedl A. Topical anatomy of the orbit. In: Welkoborsky H, Wiechens B, Hinni ML [Hrsg.]: Interdisciplinary Management of Orbital Diseases. New York: Thieme, 2017. S. 2-18

Habilitationen

Brandenberger, Dora Christina (PD PhD): Acute and allergic inflammation in pulmonary aging
MHH-Signatur: D 81369

Promotionen

Abuharbid, Ghassan (Dr. med.): Anatomische Variationen der Sehnen des Musculus flexor hallucis longus und Musculus flexor digitorum longus im Chiasma plantare = Anatomical variations of the flexor hallucis longus and flexor digitorum longus in the chiasma plantare
MHH-Signatur: D 81208

Laukamp, Carolin (Dr. med.): Lung surfactant as pirfenidone vehicle for the treatment of bleomycin induced pulmonary fibrosis
MHH-Signatur: D 81114

Roolfs, Torge (Dr. med.): Einfluss einer pränatalen Hypoxie und einer postnatalen Hyperoxie mit und ohne Gabe von mesenchymalen Stammzellen auf die postnatale morphologische Lungenentwicklung der Maus
MHH-Signatur: D 80965

Schünke, Inga (Dr. med.): Postnatale morphologische Lungenausreifung in Abhängigkeit von CD26DPP4 und postnataler LPS-Exposition
MHH-Signatur: D 81052

Abstracts

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MHH-Signatur: D 80977

Masterarbeiten

Greb, Cornelia (M.Sc.): Proteolytischer Abbau des Semaphorin-Rezeptors PlexinD1 in der Spinalen Muskelatrophie (SMA)

Mischak, Michaela Martina (M.Sc.): Genetic Factors of Alpha-Synuclein Aggregation

Schünning, Tobias (M.Sc.): Cell biology of post-translational modifications of the Survival of Motoneuron (SMN) protein

Bachelorarbeiten

Leonhard, Julia (B.Sc.): Histologische Beurteilung des regenerierten Nervus medianus der adulten Ratte nach dessen Rekonstruktion mit unterschiedlichen strukturierten Chitosan-Nervenleitschienen

Rühmkorf, Alina (B.Sc.): Proximal biotinylation approach for isolation of cell-type specific RNA

Schwarzkopf, Michael (B.Sc.): Intein-basiertes System zur Generierung doppelt stabiler Zelllinien

Zentrum Physiologie

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MHH-Signatur: D 81098

Wang, Tianbang (Dr. rer. nat.): The force generation of cytoplasmic dynein is load dependent

MHH-Signatur: D 81111

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Bachelorarbeiten

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Promotionen

Ruhe, Frederike (Dr. rer. nat. M.Sc.): On the role of ClC-5 anionproton exchangers in endocytosis : insights from intestinal infections and the hereditary renal dent's disease

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Originalpublikationen

Belikov NE, Melnikova IA, Demina OV, Petrovskaya LE, Kryukova EA, Dolgikh DA, Kuzmichev PK, Chupin VV, Lukin AY, Shumsky AN, Chizhov I, Levin PP, Kirpichnikov MP, Varfolomeev SD, Khodonov AA. The effect of the chromophoric group modification on the optical properties of retinal proteins. *Mendeleev Communications* 2018;28(4):406-408

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Engelhard C, Chizhov I, Siebert F, Engelhard M. Microbial Halorhodopsins: Light-Driven Chloride Pumps Chem Rev 2018;118(21):10629-10645

Eschenburg S, Reubold TF. Modulation of dynamin function by small molecules Biol Chem 2018;399(12):1421-1432

Maack C, Eschenhagen T, Hamdani N, Heinzel FR, Lyon AR, Manstein DJ, Metzger J, Papp Z, Tocchetti CG, Yilmaz MB, Anker SD, Baligand JL, Bauersachs J, Brutsaert D, Carrier L, Chlopicki S, Cleland JG, de Boer RA, Dietl A, Fischmeister R, Harjola VP, Heymans S, Hilfiker-Kleiner D, Holzmeister J, de Keulenaer G, Limongelli G, Linke WA, Lund LH, Masip J, Metra M, Mueller C, Pieske B, Ponikowski P, Ristic A, Ruschitzka F, Seferovic PM, Skouri H, Zimmermann WH, Mebazaa A. Treatments targeting inotropy. Eur Heart J 2018;DOI: 10.1093/eurheartj/ehy600

Buchbeiträge, Monografien

Litschko C, Damiano-Guercio J, Brühmann S, Faix J. Analysis of Random Migration of Dictyostelium Amoeba in Confined and Unconfined Environments Methods Mol Biol 2018;1749:341-350

Abstracts

Osmanovic A, Widjaja M, Weder J, Förster A, Raab P, Wattjes MP, Auber B, Kosfeld A, Preller M, Weber RG, Petri S. SPG7-Varianten in Patienten mit amyotropher Lateralsklerose: Eine klinisch-genetische Studie in einer europäischen Kohorte (P744). Neurowoche 2018, 30.Oktober-3.November 2018, Berlin

Volltext: <https://www.dgnkongress.org/images/docs/abstracts2018/#12>

Promotionen

Brühmann, Stefan (Dr. rer. nat): Biochemische Charakterisierung von EnaVASP- und Formin-Aktinpolymerasen
MHH-Signatur: D 81082

Masterarbeiten

Bresch, Ian Philipp (M.Sc.): Modulation der Polymerisation von ASC (Apoptosis-associated speck-like protein containing a CARD)

Greve, Johannes (M.Sc.): Heterologe Produktion von Effektorproteinen des Humanpathogens Legionella pneumophila

Bachelorarbeiten

Scholz, Jonas (B.Sc.): Regulation von mDia-Forminen der Maus durch Rho-Familie GTPasen

Schüssler, Marcel (B.Sc.): Expression und Aufreinigung der Rho-GTPase RacE aus Dictyostelium discoideum

Stellbrinck, Tammy (B.Sc.): Der Einfluss C-terminaler Varianten des Einzelstrang-DNA-bindenden Proteins aus E: coli auf die DNA-Replikation

Weiß, Nadine (B.Sc.): Biochemical Analysis of Human Myosin-18B

Wenz, Friederike (B.Sc.): Einfluss von Fixierungsmethoden auf die Aktinstruktur von Zellen

Institut für Klinische Biochemie – 4340

Originalpublikationen

Abeln M, Albers I, Peters-Bernard U, Fläcksig-Schulz K, Kats E, Kispert A, Tomlinson S, Gerardy-Schahn R, Münster-Kühnel A, Weinhold B. Sialic acid is a critical fetal defense against maternal complement attack. J Clin Invest 2019;129(1):422-436

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Abstracts

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Promotionen

Abeln, M. (Dr. rer. nat.): Function of sialic acid during mammalian development

Litschko, Christa (Dr. rer. nat.): Functional and biochemical characterization of enzymes involved in bacterial capsule synthesis
MHH-Signatur: D 80793

Plötz, Thomas (Dr. rer. nat.): Studien zum Mechanismus der Lipotoxizität in pankreatischen Beta-Zellen
MHH-Signatur: D 81189

Schuster, Ute Elisabeth (Dr. rer. nat. M.Sc.): Abnormal brain development in mice with region- and cell-type-specific inactivation of ST8SIA2

Shcherbakova, Aleksandra Pavlovna (Dr. rer. nat.): Funktionelle Charakterisierung von C-Mannosyltransferasen=Functional characterization of C-mannosyltransferases
MHH-Signatur: D 80805

Wolling, Hanna (Dr. rer. nat. M.Sc.): Establishment of a BSA-free medium supplement enabling secretome analysis during human pluripotent stem cell cardiomyogenesis as well as xeno-free differentiation into definitive endoderm
MHH-Signatur: D 80973

Masterarbeiten

Beimdiek, Julia (M.Sc.Biochemie): Interactions of microglia and macrophages with polysialic acid

Budde, Insa (M.Sc.Biochemistry): Characterisation and Exploitation of the Capsule Polymerase of *Actinobacillus pleuropneumoniae* Serotype 1

Pokrant, Thomas (M.Sc.): Die Bedeutung peroxisomaler Acyl-CoA-Oxidase 1 für die Entstehung von oxidativem Stress und Lipotoxizität in pankreatischen Beta-Zellen

Seegers, Carla (M.Sc.): Studies towards development of drugs targeting *Aspergillus fumigatus*

Institut für Zellbiochemie – 4310

Originalpublikationen

Essig K, Kronbeck N, Guimaraes JC, Lohs C, Schlundt A, Hoffmann A, Behrens G, Brenner S, Kowalska J, Lopez-Rodriguez C, Jemielity J, Holtmann H, Reiche K, Hackermüller J, Sattler M, Zavolan M, Heissmeyer V. Roquin targets mRNAs in a 3'-UTR-specific manner by different modes of regulation. *Nat Commun* 2018;9(1):3810

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Abbey M, Gaestel M, Menon MB. Septins: Active GTPases or just GTP-binding proteins? *Cytoskeleton (Hoboken)* 2019;76(1):55-62

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Habilitationen

Menon, Manoj Balakrishna (PD Dr. med.): Investigation of protein function by genetically modified organisms and small molecule inhibitors

Tiedje, Christopher (PD Dr. rer. nat.): Signalregulierte post-transkriptionelle Kontrolle von RNAs durch RNA-bindende Proteine
MHH-Signatur: D 81050

Institut für Experimentelle Diabetologie - Niedersachsenprofessur – 4360

Promotionen

Rebiger, Lars (Dr. med.): Untersuchungen zum Einfluss von proinflammatorischen Zytokinen auf die Zellvitalität und ROS-Produktion in braunen Fettzellen
MHH-Signatur: D 81047

Plötz, Thomas (Dr. rer. nat.): Studien zum Mechanismus der Lipotoxizität in pankreatischen Beta-Zellen
MHH-Signatur: D 81189

Kliniken/Institute der Sektion II

Zentrum Innere Medizin

Klinik für Dermatologie, Allergologie und Venerologie – 6600

Originalpublikationen

Augustin M, Blome C, Forschner A, Gutzmer R, Hauschild A, Heinzerling L, Livingstone E, Loquai C, Schadendorf D, Utikal J, Wagner T, Wilden S, Kähler KC. Willingness to pay for a cure of low-risk melanoma patients in Germany. *PLoS One* 2018;13(5):e0197780

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Lenzen, Henrike (PD Dr. med.): Klinische und experimentelle Untersuchungen zur Pathogenese chronisch entzündlicher Darmerkrankungen und der primär sklerosierenden Cholangitis als assoziierte Lebererkrankung
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Maasoumy, Benjamin (PD Dr. med.): Individualisierte Behandlungsstrategien bei Patienten mit chronischer Hepatitis C
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Promotionen

Baumann, Anna Katharina (Dr. med.): Intrahepatische T-Zellregulation bei alloreaktiver und metabolischer Inflammation bei subklinischer Abstoßung nach Lebertransplantation und bei nichtalkoholischer Steatohepatitis
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Cao, Li (Dr. med.): Essential role of NHE2 in pH homeostasis, proliferation, integrity and migration of murine intestinal epithelial cells
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Costa, Rui Pedro Marques da (PhD Virology): Impact of host factor variation on the biology of HCV in vitro and in vivo
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Dai, Zhen (PhD Hepatology M.Sc. Biology): Cell therapy of liver progenitor cells in chronic liver fibrosis and induced hepatocyte like cells in hereditary liver disease
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Deest, Maximilian (Dr. med.): Einfluss genetischer Variationen im humanen CD81 Gen auf die Hepatitis-C-Infektion in vitro
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Thiele, Thea (Dr. med.): Niedrige Raten einer Infektion mit Helicobacter pylori bei Transplantationspatienten mit gastroduodenaler Ulkuskrankheit
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Wingerath, Jessica (Dr. rer. nat.): Funktionelle Charakterisierung von rekombinanten LCMV-Vektoren für die Therapie von Infektions- und Tumorerkrankungen
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MHH-Signatur: D 81247

Promotionen

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MHH-Signatur: D 81008

Harms, Anja Heike (Dr. med.): Intrapulmonale Vesikel als Biomarker für die chronische Transplantatdysfunktion bei lungentransplantierten Patienten
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Klesse, Sabrina Theresa (Dr. med.): Bedeutung von präleukämischen DNMT3A Mutationen für den Krankheitsverlauf der akuten myeloischen Leukämie
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Suchanek, Karl Josef (Dr. med.): Einfluss von SET-Binding Protein 1- (SETBP1-) Mutationen auf die Prognose von erwachsenen Patienten mit Myelodysplastischem Syndrom und Akuter Myeloischer Leukämie
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Volk, Valery (PhD Immunology and Viral Infections Dipl. Biotechnology): Development and maturation of T cells reactive against human cytomegalovirus in mice transplanted with human hematopoietic stem cells
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Duncker, David (PD Dr. med.): Ventrikuläre Tachyarrhythmien bei neu-diagnostizierter Herzinsuffizienz
MHH-Signatur: D 81084

Flierl, Ulrike (PD Dr. med.): Thrombozytenaktivierung und -inhibition bei koronarer Herzerkrankung, akutem Infarkt und kardiogenem Schock
MHH-Signatur: D 81381

Haghikia, Arash (PD Dr. med.): Pathophysiologische und klinische Untersuchungen zur peripartalen Kardiomyopathie
MHH-Signatur: D 81012

Promotionen

Fodor, Jan Nicolas (Dr. rer. biol. hum.): Pharmaceutical Care - Grundlagen und moderne Methoden zur Verbesserung medikamentöser Adhärenz dargestellt anhand einer multimodalen verhaltenstheorie-basierten Intervention zur Betreuung von Patienten nach Akutem

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MHH-Signatur: D 80996

Knöpp, Kai (Dr. med.): MicroRNA-146a inhibition augments angiogenesis and myocardial regeneration
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Kornau, Finn (Dr. med.): Die Bedeutung von NT-proBNP, QRS-Dauer und Spiroergometrie im Vergleich zur kardialen Magnetresonanztomographie bei jungen Erwachsenen mit Pulmonalklappeninsuffizienz nach frühkindlicher Fallot-Korrektur
MHH-Signatur: D 81065

Korte, Laura (Dr. rer. nat. Regenerative Science M.Sc.): Impact of miRNA-146a on vascular remodeling processes
MHH-Signatur: D 81107

Schmidtman, Elisa Henrike (Dr. med.): Antiandrogenic therapy with finasteride attenuates cardiac hypertrophy and left ventricular dysfunction
MHH-Signatur: D 81070

Waldow, Hans Christian (Dr. med.): Das erworbene von Willebrand-Syndrom bei erwachsenen Patienten mit angeborenen Herzfehlern
MHH-Signatur: D 81144

Wang, Xue (Dr. med.): Specific deletion of the transcription factors GATA4 and GATA6 in fibroblasts triggers cardiac dysfunction during pressure overload
MHH-Signatur: D 81117

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Letter

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Adam, Jan Philipp (Dr. med.): Antikörper gegen Phospholipase D3 beim Sjögren-Syndrom
MHH-Signatur: D 81128

Akman, Adil (Dr. med.): Therapie und Biomarker für das HIV-assoziierte Non-Hodgkin-Lymphom
MHH-Signatur: D 81071

Hoepfner, Marius (Dr. med.): Antikörper gegen Macropain A2-24 als Biomarker des adulten Morbus Still (Adult onset Still's Disease)
MHH-Signatur: D 81091

Holz, Anna Christina (Dr. med.): Verteilung von Polymorphismen des LILRA2 und LILRB3 bei Autoimmunerkrankungen und Beschreibung einer neuen Gruppe dendritischer Zellen bei der rheumatoiden Arthritis
MHH-Signatur: D 81031

Kahlen, Niklas (Dr. med.): Der Stellenwert der Unterlippen-Probeexzision in der Diagnostik des Sjögren-Syndroms
MHH-Signatur: D 81159

Mertens, Christina (Dr. med.): Einfluss des Makrophagen-aktivierenden Lipopeptids-2 auf die Funktion von Natürlichen Killerzellen
MHH-Signatur: D 81011

Ruisi Hazel, Lin (PhD Immunology M.Sc. Biology): Autophagy in HIV infection cause of treatment-related toxicity or potential therapeutic target?
MHH-Signatur: D 81217

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Bosche, Fabian Jürgen (Dr. med.): Renale Denervation - Stellenwert in der antihypertensiven Therapie MHH-Signatur: D 81135

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Duong, Michelle (Dr. rer. nat.): Characterization of Beta-Catenin in Podocytes and its Interaction with Protein Kinase C epsilon MHH-Signatur: D 81014

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Heuer, Mirjana (Dr. med.): Differenzieller Vorhersagewert der mit dem Fibroscan® gemessenen Steifigkeit und des renalen Widerstandsindex für die Nierentransplantatfunktion ein Jahr nach Nierentransplantation : eine prospektive Studie an 123 Patienten
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Nordlohne, Johannes (Dr. rer. nat.): Mechanisms of vascular inflammation in atherosclerosis in renal impairment
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Pabst, Selma (D 81353): Die Fremdeinschätzung der Adhärenz von nierentransplantierten Patientinnen und Patienten zu Immunsuppressiva durch Ärztinnen und Ärzte Häufigkeit, Korrelate und Äcbereinstimmung mit anderen Adhärenz-Maßen
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Letter

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Promotionen

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MHH-Signatur: D 81080

Kampers, Johanna (Dr. med.): Das Klassische Hodgkin Lymphom als seltene Unterform der PTLD bei Kindern nach solider Organtransplantation : eine Analyse von 17 Patienten behandelt nach dem GPOH-HD Behandlungsschema
MHH-Signatur: D 81164

Paustian, Laura (Dr. med.): Retrospektive Analyse der Androgentherapie bei Patienten mit Fanconi Anämie assoziiertem Knochenmarkversagen in Deutschland = Androgen therapy in Fanconi anemia ; a retrospective analysis of 30 years in Germany
MHH-Signatur: D 81308

Masterarbeiten

Groß, Sonja (M.Sc.): In vitro transformative potential of Down Syndrome associated myeloid leukemia driver mutations

Klinik für Pädiatrische Kardiologie und Päd. Intensivmedizin – 6730

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Böhne, Martin (PD Dr. med.): Systemische Inflammation und kardiovaskuläres Monitoring - neue Konzepte in der kinder-kardiologischen Intensivmedizin

MHH-Signatur: D 81383

Promotionen

Legchenko, Ekaterina (PhD Molecular Medicine M.Sc. Molecular Biophysics): New pathways and therapeutic strategies for pulmonary arterial hypertension and right heart failure

MHH-Signatur: D 80923

Klinik für Pädiatrische Nieren-, Leber und Stoffwechselerkrankungen – 6720

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MHH-Signatur: D 81246

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MHH-Signatur: D 81149

Martens, Andreas (PD Dr. med.): Die Evolution des 'Elephant Trunk': Weiterentwicklung des kompletten Aortenbogensatzes seit Hans-Georg Borst
MHH-Signatur: D 81127

Promotionen

Andriopoulou, Sofia (Dr. rer. nat.): Development and improvement of decellularised whole mitral valve scaffolds for mitral valve replacement
MHH-Signatur: D 81059

Asch, Silke (Dr. med.): Evaluierung eines funktionellen bioartifizialen Myokardersatzes zur Restauration von Myokardinfarkten im Rattenmodell
MHH-Signatur: D 81031

Baus, Sandra (Dr. rer. nat. M.Sc. Biomedicine): Generation and enrichment of airway basal cells and club cells from human induced pluripotent stem cells utilizing double transgenic reporter lines
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Goecke, Tobias (Dr. med.): Reduktion der Antigenität xenogener Matrices durch Dezellularisierungsprozesse
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Heicke, Ariane (Dr. med.): Untersuchung der humoralen Immunantwort auf biologische dezellularisierte oder fixierte xeno- und allogene Herzklappen in Patienten bis zu 5 Jahre nach Implantation
MHH-Signatur: D 81105

Kalozoumis, Panagiotis (PhD Dipl.Ing.): Patient-specific FSI computational modelling of the left heart
MHH-Signatur: D 81392

Koigeldiyev, Nurbol (Dr. med.): Der Einfluss der Sinus valsalvae auf die Prothesen-Haltbarkeit in Patienten mit Ersatz der ascendierenden Aorta und der Aortenklappe mittels Carpentier Edwards-Bioprothese: eine Propensity Score-basierte Studie
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Kouvaka, Artemis (PhD M.Sc.): Development of quality testing methods for tissue-engineered constructs and scaffolds
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Natanov, Ruslan (Dr. med.): Entwicklung eines neuen Modells der Herz-Lungen-Maschine (HLM) für die Maus und Analyse der HLM-bedingten akuten Organveränderungen
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Prives, Evgeniy (Dr. med.): RVOT-Rekonstruktion mit bovinem klappentragendem Xenograft: retrospektive Evaluation der 12-jährigen Erfahrung mit 302 Contegra Conduits
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Rümke, Stefan (Dr. med.): In vitro Untersuchungen zur Adhäsion von grampositiven und gramnegativen Bakterien an kardiovaskulären Prothesenmaterialien
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CRC Core Facility – 8660

Originalpublikationen

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Klinik für Kinderchirurgie – 6760

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Promotionen

Carl, Nathalie (Dr. med.): Die modellhafte Implementierung und Evaluation eines Registers für die Gallengangatresie
MHH-Signatur: D 81262

Ginzel, Marco (Dr. rer. nat.): Untersuchung der nekrotisierenden Enterokolitis (NEC) im Mausmodell
MHH-Signatur: D 81029

Meyer, Annica (Dr. med.): Langzeit-Lebensqualität nach komplexer und/oder komplizierter Ösophagusatresie bei in einer deutschen Patienten- und Selbsthilfeorganisation registrierten Kindern und Erwachsenen: retrospektive Datenanalyse von Patienten nach operativer Korrektur einer komplizierten Ösophagusatresie zwischen 1964 und 2011
MHH-Signatur: D 81239

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Henseler, Helga (PD Dr. med.): Dreidimensionale objektive Untersuchung der weiblichen Brust und alternative, subjektive Methoden MHH-Signatur: D 81062

Promotionen

Binz, Camilla (Dr. med.): Etablierung des metamorphen Tigersalamanders als Modelltier der Regenerationsforschung am Beispiel der Expressionsanalyse von blastemalen Markergenen während der Ontogenese MHH-Signatur: D 80925

Bock, Kilian (Dr. med.): Charakterisierung des Wundheilungsverlaufes im Axolotlschwimmsaum MHH-Signatur: D 81020

Bötger-Bolten, Stephanie (Dr. med.): Lappenplanung und -Design in der plastischen Chirurgie im kaukasischen Patientengut. Korrelation von patientenspezifischen Faktoren, subkutaner Schichtdicke und Verlauf von Perforatoren. MHH-Signatur: D 81110

Dastagir, Nadjib (Dr. med.): Die Rolle der Lifeguard-Beta-Isoform bei der Pathogenese des Mammakarzinoms MHH-Signatur: D 81001

Gülke, Eileen (Dr. med.): Neuronal Guidance Factors im Axolotl (Ambystoma mexicanum) MHH-Signatur: D 81132

Lipski, Alexandre (Dr. med.): Gesundheitsbezogene Lebensqualität nach plastischrekonstruktiven Eingriffen in der Becken- und Anogenitalregion MHH-Signatur: D 81195

Mohrmann, Chris (Dr. med.): Vitalität und Partikelgröße bei der autologen Fetttransplantation mit der WAL und der PAL Technik MHH-Signatur: D 81055

Neubert, Nils (Dr. med.): Vergleichende Untersuchung der ischämischen Früh- versus Spätkonditionierung freier Muskellappentransplantate zur unteren Extremität mittels Mikrodiälysetechnik
MHH-Signatur: D 81233

Röttger, Anne Kristin (Dr. med.): Die Bedeutung des evaporativen Wasserverlustes der Haut zur Bestimmung der Verbrennungstiefe
MHH-Signatur: D 81125

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MHH-Signatur: D 81090

Klinik für Orthopädie (Annastift) – 6270

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Horstmann H, Clausen JD, Krettek C, Weber-Spickschen TS. Evidenzbasierte Therapie bei Tendinopathien am Kniegelenk : Welche Therapieformen sind wissenschaftlich belegt? *Unfallchirurg* 2017;120(3):199-204

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Windhagen H, Gronewold J, Budde S. Koxarthrose. In: Wirtz DC, Stöckle U [Hrsg.]: Hüfte. Stuttgart, New York: Georg Thieme Verlag, 2018. (Expertise: Orthopädie und Unfallchirurgie). S. 237-263

Habilitationen

Budde, Stefan (PD Dr. med.): Analyse des Migrationsverhaltens schenkelhalsershaltender Kurzschaft-Hüftendoprothesen
MHH-Signatur: D 81266

Calliess, Tilman (PD Dr. med.): Klinische und biomechanische Evaluation knieendoprothetischer Versorgungskonzepte mit Focus auf Patienten mit hohem funktionellen Anspruch
MHH-Signatur: D 81042

Claaßen, Leif (PD Dr. med.): Der Effekt der Stimulation des nikotinergen Acetylcholin-Rezeptors auf die Arthrose
MHH-Signatur: D 81264

Ezechieli, Marco (PD Dr. med.): Entwicklung einer resorbierbaren Interferenzschraube aus einer Magnesiumlegierung zur Rekonstruktion des vorderen Kreuzbandes
MHH-Signatur: D 81265

Promotionen

Abuharbid, Ghassan (Dr. med.): Anatomische Variationen der Sehnen des Musculus flexor hallucis longus und Musculus flexor digitorum longus im Chiasma plantare = Anatomical variations of the flexor hallucis longus and flexor digitorum longus in the chiasma plantare
MHH-Signatur: D 81208

Aljuneidi, Wasim (Dr. med.): Telemetrische in vivo Messmethode von Kompressionskräften während der Knochenkonsolidierung am Kaninchenmodell
MHH-Signatur: D 80901

Bruns, Frederik (Dr. med.): Die Narkosemobilisation als Therapieoption bei postoperativer Beweglichkeitseinschränkung nach primärer Knieendoprothesenimplantation : eine retrospektive matched-pair Analyse
MHH-Signatur: D 81206

Hallbaum, Maximiliane Ingrid Mette (Dr. med.): Histologische Untersuchungen eines bioresorbierbaren Magnesium-Polymer-Cages für die anteriore zervikale Spondylodese in einem Schafmodell
MHH-Signatur: D 81120

Karch, Nataliia (Dr. med.): Die konservative Therapie des habituellen Zehenspitzenenganges: eine retrospektive Analyse Outcome beeinflussender demographischer und medizinischer Faktoren
MHH-Signatur: D 81211

Masalha, Waseem (Dr. med.): Biomechanische Untersuchungen eines bioresorbierbaren Implantats zur Spondylodese der Halswirbelsäule eine tiereperimentelle Studie am Schaf
MHH-Signatur: D 81241

Neßlage, Roman Bennet (Dr. med.): Einfluss von Komorbiditäten auf die Revisionsrate im 1. Jahr postoperativ nach Primärimplantation einer Hüfttotalendoprothese
MHH-Signatur: D 80898

Schlebbe, Julian (Dr. med.): Klinische und radiologische Behandlungsergebnisse der Großzehengrundgelenksinterpositionsarthrodese unter Verwendung von Beckenkammspaninterponaten mit Berücksichtigung der Entnahmemorbidität
MHH-Signatur: D 81072

Schwamberger, Tanja (Dr.med.): Ergebnisse der temporären Epiphysiodese bei pathologischen Beinachsenfehlstellungen und Beinlängendifferenzen im Kindes- und Jugendalter mittels eight-Plate®
MHH-Signatur: D 80904

Schwarze, Michael (Dr. rer. biol. hum.): Mehrkörpersimulation und inverse Dynamik in der Biomechanik Validierung und Anwendungsmöglichkeiten = Multi-body simulation and inverse dynamics in Biomechanics ; validation and application
MHH-Signatur: D 81253

Sibai, Jasmin (Dr. med.): Stellenwert von Angiopoietin-2 und C-reaktivem Protein in der präoperativen Diagnostik von Endoprotheseninfektionen
MHH-Signatur: D 80918

Wirries, Nils (Dr. med.): Osteointegrative Sleeves zur metaphysären Defekt-Augmentation in der Revisions-Knieendoprothetik: klinische und radiologische 5 Jahres-Ergebnisse
MHH-Signatur: D 81207

Masterarbeiten

Clavijo Rincon, Juliana (M.Sc.Biomedizintechnik): Bewertung der kinematischen Reliabilität zwischen zwei Ganglaboren

Gerlach, Sandra (M.Sc.): Auswirkungen von sensomotorischen Einlagen auf das Knie-Adduktionsmoment von Knick-Senkfuß-Patient/inn/en

Kunkel, Katharina (M.Sc.Mechatronik): Die Anthropometrie der Hand - Untersuchung einer Stichprobe in Deutschland

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Originalpublikationen

Bundkirchen K, Macke C, Angrisani N, Schack LM, Noack S, Fehr M, Krettek C, Neunaber C. Hemorrhagic shock alters fracture callus composition and activates the IL6 and RANKL/OPG pathway in mice. *J Trauma Acute Care Surg* 2018;85(2):359-366

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Falkenberg, Lisa (Dr. med.): Long-term outcome in 324 polytrauma patients: what factors are associated with posttraumatic stress disorder and depressive disorder symptoms?
MHH-Signatur: D 81281

Hafke, Benedikt (Dr. med.): Einfluss der Entnahmetechnik auf die Vitalität von Chondrozyten in osteochondralen Transplantat-Zylindern
MHH-Signatur: D 80968

Halbert, Gregor (Dr. med.): Einfluss der selektiven Blockade des IL-6-trans-signaling mittels sgp130Fc auf die posttraumatische Entzündungsreaktion in Splenozyten in einem murinen Polytraumamodell
MHH-Signatur: D 80942

Kwisda, Sebastian (Dr. med. Dr. med. univ. AT): Eine neue implantatfreie tibiale pull-press Fixierung zur VKB-Rekonstruktion
MHH-Signatur: D 80926

Lu, Pan (Dr. med.): In vivo heterotopic culturing of prefabricated tendon grafts with mechanical stimulation in a sheep model
MHH-Signatur: D 81251

Mahjoub, Samy (Dr. med.): Computertomographie-basierte Analyse der Iliumschraubenlage nach lumbopelviner Stabilisierung
MHH-Signatur: D 81056

Neumann, Sina (Dr. med.): Vergleich der Greifkraftmessung mit dem Martin-Vigorimeter und dem JAMAR-Dynamometer beim Gesunden
MHH-Signatur: D 81066

Schrodi, Valentin (Dr. med.): Einfluss der Lagerung von humanem Knochenmark auf die Charakteristika der daraus isolierten mesenchymalen Stammzellen
MHH-Signatur: D 81248

Schultze, Cornelia (Dr. med.): Identifikation potentieller Biomarker nach Trauma-Hämorrhagie aus murinen Kupffer-Zellen und dessen Untersuchung in Lunge und Leber
MHH-Signatur: D 81197

Stüber, Volker (Dr. med.): Die optische 3D-Navigation feinsten Instrumente eine Machbarkeitsstudie und Präzisionsanalyse
MHH-Signatur: D 81097

Suero, Eduardo M. (Dr. med.): Quantitative assessment of the changes in intraarticular knee and ankle contact pressures after medial opening wedge high tibial osteotomy
MHH-Signatur: D 81201

Wypior, Hannes (Dr. med.): Zytokinexpression und inflammatorische Reaktion nach roboterassistierter Reposition bei Femurschaftfrakturen im Rattenmodell
MHH-Signatur: D 81621

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Originalpublikationen

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Bannowsky A, Ueckert S, Aidarbekova K, Wedel C, Junemann KP. How Important is the Preservation of Nocturnal Penile Tumescence with Daily Low-Dose Sildenafil 6 Weeks After Nerve-Sparing Radical Prostatectomy for the Erectile Function After 2 Years? - Penile Rehabilitation in the Long Term Follow-Up. *J Sex Med* 2018;15(7):S157-S158

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Habilitationen

von Klot, Christoph-Alexander J. (PD Dr. med.): Treatment and clinical considerations in the treatment of metastatic castration resistant prostate cancer (mCRPC)

Promotionen

Tafrechi, Anahit Mohebbi (Dr. med.): Molekulare Charakterisierung von Urocortin 3 im humanen hellzelligen Nierenzellkarzinom und Korrelationsanalyse mit klinikopathologischen Parametern
MHH-Signatur: D 81146

Klinik für Allgemein-, Viszeral- und Transplantationschirurgie – 6220

Originalpublikationen

Adam R, Karam V, Cailliez V, O Grady JG, Mirza D, Cherqui D, Klempnauer J, Salizzoni M, Pratschke J, Jamieson N, Hidalgo E, Paul A, Andujar RL, Lerut J, Fisher L, Boudjema K, Fondevila C, Soubrane O, Bachellier P, Pinna AD, Berlakovich G, Bennet W, Pinzani M, Schemmer P, Zieniewicz K, Romero CJ, De Simone P, Ericzon BG, Schneeberger S, Wigmore SJ, Prous JF, Colledan M, Porte RJ, Yilmaz S, Azoulay D, Pirenne J, Line PD, Truncka P, Navarro F, Lopez AV, De Carlis L, Pena SR, Kochs E, Duvoux C, all the other 126 contributing centers (www.eltr.org) and the European Liver and Intestine Transplant Association (ELITA). 2018 Annual Report of the European Liver Transplant Registry (ELTR) - 50-year evolution of liver transplantation. *Transpl Int* 2018;31(12):1293-1317

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Habilitationen

Winy, Markus Ralf (PD Dr. med.): Hernien und konsekutiv applizierte alloplastische Materialien als auslösendes Moment für peritoneale Adhäsionen – eine neue Möglichkeit zur Prävention

Promotionen

DeTemple, Daphne Elisabeth (Dr. med.): Primäre humane Hepatozyten induzieren eine CD4+ T-Zell vermittelte Immunantwort, die mit einer vermehrten MHC-II-Expression auf den Hepatozyten assoziiert ist und durch regulatorische T-Zellen unterdrückt werden kann
MHH-Signatur: D 81198

Klußmann, Annika (Dr. med.): Risikofaktoren und Langzeitergebnisse für postoperative Blutungskomplikationen nach Lebertransplantation
MHH-Signatur: D 81148

Peters, Rickmer Reno (Dr. med. dent.): Liver transplantation for Hepatocellular Carcinoma a single center resume overlooking four decades of experience
MHH-Signatur: D 80995

Wicker, Maria (Dr. rer. nat.): Untersuchungen zu den funktionellen Auswirkungen einer CD161-LLT1 Interaktion auf die NK- und T-Zellaktivierung
MHH-Signatur: D 81153

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Originalpublikationen

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Comments

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MHH-Signatur: D 81061

Klapdor, Rüdiger (PD Dr. med.): Die Sentinellymphonodektomie bei Vulva- und Zervixkarzinom aktueller Stellenwert und mögliche Optimierung durch den Einsatz des SPECTCT
MHH-Signatur: D 81060

Promotionen

Huhn, Verena (Dr. med.): Die positive Stimulation der Lungenreifung und des Inflammationsremodelings über ErbB4 Rezeptorsignalwege - gezeigt an einem in vivo intraamniotischen Bone Marrow Stem Cell (BMSC) Applikationsmausmodell und einem Östrogen in vitro Expositi-

tion Zellkulturmodell
MHH-Signatur: D 81150

Nordheider, Ann-Kathrin (Dr. med.): Varianten der Gene RAD51C und BABAM1 beim erblichen Ovarialkarzinom
MHH-Signatur: D 80999

Sarisin, Akin (Dr. med.): Der Einfluss Adenosins und des A2B-Adenosinrezeptors auf trophoblastäre und endotheliale Funktionen während der Plazentaentwicklung
MHH-Signatur: D 80957

Sautner, Jürgen (Dr. med.): Einfluss des Operationsverfahrens (laparoskopisch vs. offen) auf den postoperativen Outcome bei Patientinnen mit tief infiltrierender Endometriose
MHH-Signatur: D 81347

Schmitz, Sophie Antoinette (Dr. med.): Gestational diabetes mellitus: an evaluation of gynecologists' knowledge of guidelines and counseling behavior
MHH-Signatur: D 81124

Völkening, Lea (Dr. rer. nat.): Funktionelle Charakterisierung von RAD50 in der Mitose
MHH-Signatur: D 80827

von Ehr, Julia (Dr. med.): Perinatales Outcome gemessen an pH- und Apgar-Wert in Abhängigkeit vom Zeitpunkt der Entbindung
MHH-Signatur: D 81165

Wang, Jing (Dr. med.): Molecular investigations of triple-negative breast cancer: the role of mutations in CASP8 and FBXW8, and the cellular response to Alpelisib
MHH-Signatur: D 81180

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MHH-Signatur: D 81323

Promotionen

Mußnug, Hans Joachim Alexander (Dr. med.): Entwicklung des kindlichen Gehirns gemessen mittels diffusionsgewichteter Magnetresonanztomographie
MHH-Signatur: D 81214

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MHH-Signatur: D 81257

Becker, Lena Sophie (Dr. med.): Ventilation-weighted lung MRI for early detection of chronic lung allograft dysfunction (CLAD)
MHH-Signatur: D 81179

Flecke, Claudia Kathrin (Dr. med.): Untersuchung eines automatisierten Dosisüberwachungsprogramms anhand von 58 Polytrauma-Computertomographien bei Kindern und Jugendlichen
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Hempel, Eileen-Julya Christine (Dr. med.): Radiologisches und klinisches Management pulmonaler Rundherde bei Kindern und Jugendlichen mit Osteosarkom oder Ewing Sarkom
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Kärcher, Daniel (Dr. med. dent.): Parametric Response Mapping zur Verlaufsbeurteilung des Hepatozellulären Karzinoms unter Transarterieller Chemoembolisation
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Solyanik, Olga (Dr. med.): CT-Quantifizierung des pathologischen Air Trappings bei lungentransplantierten Patienten mittels CT Density Mapping: Vergleich mit anderen quantitativen CT Verfahren
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Reffert, Laura (Dr. rer. nat.): Neue Radioliganden zur Visualisierung des Folatrezeptors
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Schmuck, Sebastian Alexander (Dr. med.): Bildgebungsbasierte Quantifizierung der Ganzkörper-Tumorlast mittels Ga-68-PSMA I&T PETCT bei Prostatakarzinompatienten mit biochemischem Rezidiv nach primärer Therapie
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Thiele, Johannes Christian Karl (Dr. med.): Evaluation der 68Ga-Glutamatcarboxypeptidase II Liganden Positronen-Emissions-Tomographie zur klinischen molekularen Bildgebung atherosklerotischer Plaques
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Promotionen

Beck, Anne-Kathrin (Dr. rer. nat.): Basal ganglia and thalamic regions are involved in attentional processing of behaviorally significant

auditory events
MHH-Signatur: D 81123

Neyazi, Belal (Dr. med.): Neuronal expression of c-Fos after epicortical and intracortical electric stimulation of the primary visual cortex =
Neuronale Expression von c-Fos nach epikortikaler und intrakortikaler elektrischer Stimulation des primären visuellen Kortex der Ratte
MHH-Signatur: D 81142

Schiffgens, Salveena (Dr. med.): Sex-specific clinicopathological significance of novel (Frizzled-7) and established (MGMT, IDH1) bi-
omarkers in glioblastoma = Geschlechtsspezifische klinisch-pathologische Signifikanz neuer (Frizzled-7) sowie etablierter (MGMT, IDH1)
Biomarker bei Glioblastomen
MHH-Signatur: D 81250

Shen, Shanghang (Dr. med.): The factors influencing the extent of tumor resection in intramedullary spinal cord tumors
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MHH-Signatur: D 81063

Sühs, Kurt-Wolfram (PD Dr. med.): Experimentelle und klinische Untersuchungen neuroprotektiver Therapieansätze bei der Opticusneuritis
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Promotionen

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Kuttner, Lena (Dr. med.): Entwicklung kortikaler Atrophie bei Amyotropher Lateralsklerose im Verlauf einer MRT-Studie mittels voxelbasierter Morphometrie
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Mählmann, Justus Cornelius (Dr. med.): Neurologische Nachwirkungen nach STEC O104:H4 Infektion und Hämolytisch-Urämischem-Syndrom bei Erwachsenen
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MHH-Signatur: D 80920

Giousmpasis, Lazaros (Dr. med.): Untersuchung zur Dauer der stationären Behandlung depressiver Patienten
MHH-Signatur: D 81122

Jakob, Constanze (Dr. rer. biol. hum.): Phänotypisierung pädophiler/hebephiler Probanden des Präventionsprojekts "Dunkelfeld - Kein Täter werden" mittels der Operationalisierten Psychodynamischen Diagnostik 2 (OPD-2)
MHH-Signatur: D 81243

Kunikowska, Alicja Jadwiga (Dr. med.): Adrenal gland volume and its association with intra-abdominal and pericardial adipose tissue in major depressive disorder
MHH-Signatur: D 81089

Schreyer, Karoline (Dr. med.): Epigenetische Untersuchung von S100A10 (P11) bei Early-Life Stress im Rattenmodell
MHH-Signatur: D 80954

Taschner, Leonie (Dr. med.): Veränderungen des Brain Derived Neurotrophic Growth Factors bei opiatabhängigen Patienten in Abhängigkeit von der Substitutionsform
MHH-Signatur: D 81019

Ubben, Eske Mira (Dr. med.): Lebensqualität und Burnout-Erleben von Ärztinnen und Ärzten an der Medizinischen Hochschule Hannover
MHH-Signatur: D 81113

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MHH-Signatur: D 81025

Berg, Lea (Dr. med.): Psychosoziale Belastungen zu verschiedenen Zeitpunkten nach Brandverletzung
MHH-Signatur: D 81363

Gruner-Labitzke, Kerstin (Dr. rer. biol. hum.): Exekutivfunktionen und körperliche Aktivität bei adipösen Patienten vor und nach bariatrischer Operation (EXEF-KA) - Wie wichtig ist das Ausmaß körperlicher Aktivität? Und: Spielt das Temperament eine Rolle?
MHH-Signatur: D 81199

Kernich, Nikolaus (Dr. med.): Einflüsse lebenslanger Umgebungsanreicherung auf die kognitive Leistungsfähigkeit transgen veränderter, für Chorea Huntington positive, Ratten
MHH-Signatur: D 81252

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MHH-Signatur: D 81353

Pollmann, Iris (Dr. med.): Adaptive Persönlichkeitsmerkmale und psychosoziale Korrelate bei Lebendnierenspendern
MHH-Signatur: D 81035

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Klinik für Augenheilkunde – 6120

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Habilitationen

Pielen, Amelie (PD Dr. med.): Retinale arterielle und venöse Gefäßverschlüsse Risikofaktoren und therapeutische Möglichkeiten
MHH-Signatur: D 81106

Promotionen

Awe, Marita (Dr. med.): Die auf der Bruchschens Membranöffnung basierende Minimale Randsaumweite : Korrelation und diagnostische Genauigkeit im Vergleich zur peripapillären retinalen Nervenfaserschichtdicke
MHH-Signatur: D 81176

Klinik für Hals-, Nasen-, Ohrenheilkunde – 6500

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Durisin, Martin (PD Dr. med.): Biodegradabler magnesiumbasierter Nasennebenhöhlenstent: neues Therapiekonzept zur Versorgung der Stirnhöhle bei chronischer Sinusitis
MHH-Signatur: D 81038

Illg, Angelika (PD Dr. rer. biol. hum.): Strategien zur Optimierung der Hörrehabilitation und Steigerung der Bildungschancen bei Patienten mit Cochlea-Implantat
MHH-Signatur: D 81450

Promotionen

Blömer, Johannes (Dr. med. dent.): Vergleich der subjektiven Einschätzung der Hörsituation bei Cochlea-Implantat-Patienten und der objektiven Sprachtestergebnisse Übereinstimmungen oder Widersprüche
MHH-Signatur: D 80949

Dyballa, Karl-Heinz (Dr. rer. biol. hum.): Towards transient noise reduction for cochlear implant users
MHH-Signatur: D 81166

Hecht, Christoph (Dr. med. dent.): Bestimmung der intracochleären Position von geraden Cochlea-Implantat-Elektroden bei resthörerhaltenden Cochlea-Implantat-Operationen, unter Nutzung von prä- und postoperativen Bildgebungen
MHH-Signatur: D 81320

Kahlen, Niklas (Dr. med.): Der Stellenwert der Unterlippen-Probeexzision in der Diagnostik des Sjögren-Syndroms
MHH-Signatur: D 81159

Kreul, Diana (Dr. med.): Auswertung der Anatomie des Innenohres hinsichtlich der Genauigkeitsanforderungen für einen minimal-invasiven Zugang
MHH-Signatur: D 81073

Müller, Mathias (Dr. rer. nat.): Untersuchung des Einflusses statischer Krafteinwirkung auf das runde Fenster und elektromechanische Stimulation der Cochlea
MHH-Signatur: D 81260

Schulze, Jennifer (Dr. rer. nat.): Development of a biohybrid electrode
MHH-Signatur: D 81203

Trebesch, Steffen (Dr. med.): Objektive und subjektive Erfolgsbeurteilung nach Sinusoperationen
MHH-Signatur: D 81249

Yusuf, Prasandhya Astagiri (PhD): Coupling within the cortical column effects of congenital deafness
MHH-Signatur: D 81092

Abteilung Experimentelle Otologie – 8891

Originalpublikationen

Baumhoff P, Kallweit N, Kral A. Intracochlear near infrared stimulation: Feasibility of optoacoustic stimulation in vivo *Hear Res* 2019;371:40-52

Konerding WS, Froriep UP, Kral A, Baumhoff P. New thin-film surface electrode array enables brain mapping with high spatial acuity in rodents. *Sci Rep* 2018;8(1):3825

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Pietsch M, Davila LA, Erfurt P, Avci E, Lenarz T, Kral A. Publisher Correction: Spiral Form of the Human Cochlea Results from Spatial Constraints. *Sci Rep* 2018;8(1):7020

Klinik für Phoniatrie und Pädaudiologie – 6510

Originalpublikationen

Koch T, Ptok M. Adjuvante Elektrostimulationstherapie bei chronischer Rhinosinusitis. *Laryngorhinootologie* 2018;97(12):860-868

Kühn D, Ptok M, Jungheim M. Hochauflösungsmanometrische Evaluation des velopharyngealen Verschlussdrucks beim Trompetenspiel. *Laryngorhinootologie* 2018;97(5):321-326

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Promotionen

Büssing, Bettina (Dr. rer. biol. hum.): Untersuchungen zur Auswirkung eines repetitiven auditiven Inputangebots auf die basale phonologische Verarbeitung bei Vorschulkindern
MHH-Signatur: D 81263

Zentrum Zahn-, Mund- und Kieferheilkunde

Klinik für Kieferorthopädie – 7730

Originalpublikationen

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Masterarbeiten

Balmaceda Schickentanz, Daniel Enrique (M.Sc. Lingual Orthodontics Dr. med. dent.): Dimensionsgenaue Herstellung eines Finishingbogens in der Lingualtechnik
MHH-Signatur: D 81224

Doğmuş, Koray Ismail (M.Sc. Lingual Orthodontics Dr.): An evaluation of the opinions of orthodontists in Turkey to lingual orthodontics in 2018
MHH-Signatur: D 81223

Hochstetter, Harald (M.Sc. Lingual Orthodontics Dr. med. dent.): Archwire seating forces produced by the self-ligating clip of a completely customized lingual appliance
MHH-Signatur: D 81222

Katzorke, Milena (M.Sc. Lingual Orthodontics Dr. med. dent.): Okklusale Stabilität und Einstellung von Weisheitszähnen nach Lückenschluss im Unterkiefer von distal mit einer vollständig individuellen lingualen und einer Herbst-Apparatur
MHH-Signatur: D 81221

Richter, Susanna Isabel (M.Sc. Lingual Orthodontics Dr. med. dent.): Vergleich der Verbundfestigkeit zwischen Zahnschmelz und Haftvermittler bei unterschiedlichen Konditionierungsverfahren in der Lingualtechnik
MHH-Signatur: D 81220

Zeitoun, Diane (M.Sc. Lingual Orthodontics Dr.): Stability of Class II correction using a completely customized lingual appliance in combination with a Herbst appliance
MHH-Signatur: D 81219

Klinik für Mund-, Kiefer- und Gesichtschirurgie – 7720

Originalpublikationen

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Stoetzer, Marcus (PD Dr. med. dent.): Tierexperimentelle Untersuchung zur biologischen Schnittstellenoptimierung zwischen Periost und Knochen nach externer und interner Knochenmodifikation
MHH-Signatur: D 81141

Promotionen

Ueberschaar, Dörthe (Dr. med. dent.): Repetitive in vivo Analyse der Periostperfusion nach subperiostaler Periostpräparation mittels eines neuen piezoelektrisch gesteuerten Präparierinstruments im Vergleich zum konventionellen Raspatorium
MHH-Signatur: D 80962

Klinik für Zahnärztliche Prothetik und Biomedizinische Werkstoffkunde – 7710

Originalpublikationen

Brandstaeter S, Tschernitschek H, Pott PC. Herausnehmbare Implantatkonzepte bei Zahnlosen – Umfrage zur zahnärztlichen Entscheidungsfindung. ZWR 2018;127(4):144-149

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MHH-Signatur: D 81182

Klinik für Zahnerhaltung, Parodontologie und Präventive Zahnheilkunde – 7740

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MHH-Signatur: D 81157

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MHH-Signatur: D 81210

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MHH-Signatur: D 81382

Foadi, Nilufar (PD Dr. med.): Elektrophysiologische Charakterisierung der Modulation spannungsgesteuerter Natriumkanäle zur Weiterentwicklung potentieller Analgetika
MHH-Signatur: D 81370

Stoetzer, Carsten (PD Dr. med.): Die Relevanz spannungsgesteuerter Natriumkanäle für die Generierung medikamenteninduzierter Herzrhythmusstörungen
MHH-Signatur: D 81306

Promotionen

Jahn, Kira (Dr. med.): Der Effekt von Clopidogrel auf die Thrombusbildung und deren Reversibilität durch Thrombozytenkonzentrat und von Willebrand Faktor in der Flow Chamber
MHH-Signatur: D 81018

Jeng-Singh, Christian (Dr. med.): Intraneural injection as a selective route for AAV mediated gene transfer to primary sensory neurons
MHH-Signatur: D 80919

Knitsch, Johanna (Dr. med.): Untersuchung eines sensitivierenden Stimulus auf periphere sensorische Neuronen im Sonnenbrandmodell
MHH-Signatur: D 81030

Schillers, Florian (Dr. med.): Propacetamol-induced injection pain is associated with activation of TRPV1
MHH-Signatur: D 80975

Wasilenko, Sascha Alexander (Dr. med.): Digitale Narkosdatenerfassung zum Monitoring der Leitlinienadhärenz bei der Prophylaxe von postoperativer Übelkeit und Erbrechen
MHH-Signatur: D 80922

Klinik für Rehabilitationsmedizin – 8300

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MHH-Signatur: D 81057

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MHH-Signatur: D 80978

Glaubitz, Stefanie (Dr. med.): Polypharmazie - Vergleich der Medikation hausärztlicher Patienten vor und nach Entlassung aus einer geriatrischen Klinik
MHH-Signatur: D 80964

Sausmikat, Sarah (Dr. med.): Das WoMan Power Projekt: Warum Hausarzt in Deutschland? Eine internationale Studie zu den positiven Aspekten des Hausarztberufes
MHH-Signatur: D 81188

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MHH-Signatur: D 80943

Kliniken/Institute der Sektion IV

Zentrum Pathologie, Forensik und Genetik

Institut für Humangenetik – 6300

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MHH-Signatur: D 81230

Promotionen

Mayer, Christiane (Dr. med. dent.): Vergleich der Expression von ERCC1 und TS zwischen Adenokarzinom und Plattenepithelkarzinom im Primärtumor und der dazugehörigen Metastasen des Lungenkarzinoms
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Stadler, Julia-Christina (Dr. med.): Untersuchungen zur Bedeutung einer Mutation im Calreticulin-Gen für die Differentialdiagnose und Prognose von Patienten mit einer Myeloproliferativen Neoplasie (MPN)
MHH-Signatur: D 81191

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MHH-Signatur: D 81192

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MHH-Signatur: D 80990

Hofmeister, Johanna (Dr. med.): Todesfälle infolge eines nur kurz überlebten Myokardinfarktes - immunhistochemische Untersuchung mit Antikörpern gegen Fibronectin, C5b-9 und MRP 14

MHH-Signatur: D 81147

Schäfer, Thomas (Dr. med.): Xanthochromia of the skull bone associated with HbA1c

MHH-Signatur: D 81177

Zentrum Pharmakologie und Toxikologie

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MHH-Signatur: D 81022

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MHH-Signatur: D 81290

Masterarbeiten

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Rother, Tamina (M.Sc. Biomedizin): Untersuchung einer Beteiligung des Histamin H4-Rezeptors an der Pathogenese des colorektalen Karzinoms in einem Mausmodell

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MHH-Signatur: D 81081

Remke, Kristin (Dr. med): Generierung einer zweiten Gangliosidbindungstasche in Botulinum Neurotoxin A
MHH-Signatur: D 81200

Rumpel, Catherin Sophie (Dr. med.): Charakterisierung der Interaktion von Botulinum Neurotoxin und seinem nicht toxischen nicht hämagglutinierenden Protein NTNHA im proteaseresistenten 290 kDa minimalen Komplex (M-PTC)
MHH-Signatur: D 81045

Bachelorarbeiten

Hartmann, Alexander (B.Sc. Biochemie): Charakterisierung der Rac-abhängigen Bindung und Aufnahme des bakteriellen Toxins C3bot an bzw. in immortalisierte hippocampale HT22 Zellen

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MHH-Signatur: D 81104

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Bak, Szilvia (Dr. rer. nat. M.Sc. Medical Biotechnology): Differential effects of the immunosuppressive drugs sirolimus and tacrolimus on CMV-specific T-cell biology
MHH-Signatur: D 81228

Celik, Alexander (Dr. rer. nat.): The basis of HLA-G mediated dysregulation of immune effector cells
MHH-Signatur: D 81186

Eicke, Dorothee (Dr. rer. nat. M.Sc. Life Science): Large-scale production of HLA-silenced megakaryocytes and platelets for universal application
MHH-Signatur: D 81296

Ratuszny, Dominica (Dr. med.): Die Rolle der MicroRNAs bei der Narbenbildung von Haut und Cornea
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Bolsega, Silvia (Dr. med. vet.): Einfluss von intestinaler Mikrobiota auf die chronisch entzündliche Darmerkrankung im Interleukin-10 defizienten Mausmodell

Heider, Miriam (Dr. med. vet.): Telemetrische Überwachung zur Belastungsbeurteilung in Mausmodellen für Stress und chronisch entzündliche Darmerkrankungen

Marschallack, Meike Yvonne (Dr. rer. nat.): Immunopathological and genetical characterization of the LEW.1AR1-iddm rat - an animal model for human Type 1 Diabetes
MHH-Signatur: D 80952

Smoczek, Margarethe Christina (Dr. rer. nat.): Obesity restricts the immunological function of mesenteric lymph nodes and ameliorates acute intestinal inflammation
MHH-Signatur: D 81278

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MHH-Signatur: D 81307

Promotionen

Abere Alamirew, Bizunesh (PhD M.Sc.Molecular Genetics and Genetic Engineering): Role of the Kaposi's Sarcoma-associated Herpesvirus K15 protein in regulating viral latency and lytic replication
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Koch, Sandra (Dr. rer. nat. M.Sc. Biology): Kaposi's sarcoma-associated herpesvirus vRFB2 protein utilizes an IFN dependent pathway to regulate viral latency
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Lotke, Rishikesh (PhD Virology M.Sc. Biotechnology): Role of BRDBET proteins in the association of Kaposi's Sarcoma-associated Herpesvirus (KSHV) kLANA and Murine gammaherpesvirus (MHV-68) mLANA with the chromatin
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Masterarbeiten

Kopp, Johannes (M.Sc.): Modulation der Faktor IX-mRNA

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MHH-Signatur: D 81152

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MHH-Signatur: D 80998

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Pflugrad H, Schiffer M, Ding XQ, Lanfermann H, Barg-Hock H, Falk C, Koch A, Weissenborn K. Chronic neurotoxicity of calcineurin inhibitors in patients after kidney transplantation. IFB Symposium 2018 (Perspectives in Transplantation - 10 years of IFB-Tx at Hannover Medical School), 8.-10.März 2018, Hannover

Promotionen

Hoffmann, Ulrike (Dr. med.): The influence of immunosuppressive drugs on NK cell phenotype and function in the context of kidney transplantation
MHH-Signatur: D 81033

Rausch, Lisa Marie (Dr. med.): Matched-pair-Analyse zur Identifizierung von Faktoren mit unabhängigem Einfluss auf die Entwicklung von post-transplant lymphoproliferativen Erkrankungen (PTLDs) nach Nieren- oder Lebertransplantation
MHH-Signatur: D 81109

CF QM Tx – 1122

Promotionen

Gwiasda, Jill Sarah (Dr. med.): Unabhängige Risikofaktoren für einen Transplantatverlust nach primärer Lebertransplantation
MHH-Signatur: D 80988

Bourg, Catherine (Dr. med.): Das Hip Lag Zeichen - prospektive verblindete Studie eines neuen klinischen Zeichens zur Diagnose eines Hüftabduktorschadens
MHH-Signatur: D 81002

Zentrum für experimentelle und klinische Infektionsforschung (TwinCore)

TwinCore - Experimentelle Infektionsforschung – 9651

Originalpublikationen

Becker J, Kinast V, Döring M, Lipps C, Duran V, Spanier J, Tegtmeyer PK, Wirth D, Cicin-Sain L, Alcamí A, Kalinke U. Human monocyte-derived macrophages inhibit HCMV spread independent of classical antiviral cytokines *Virulence* 2018;9(1):1669-1684

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Käufer C, Chhatbar C, Bröer S, Waltl I, Ghita L, Gerhauser I, Kalinke U, Löscher W. Chemokine receptors CCR2 and CX3CR1 regulate viral encephalitis-induced hippocampal damage but not seizures *Proc Natl Acad Sci U S A* 2018;115(38):E8929-E8938

Koestner W, Spanier J, Klause T, Tegtmeyer PK, Becker J, Herder V, Borst K, Todt D, Lienenklaus S, Gerhauser I, Detje CN, Geffers R, Langereis MA, Vondran FWR, Yuan Q, van Kuppeveld FJM, Ott M, Staeheli P, Steinmann E, Baumgärtner W, Wacker F, Kalinke U. Interferon-beta expression and type I interferon receptor signaling of hepatocytes prevent hepatic necrosis and virus dissemination in Coxsackievirus B3-infected mice. *PLoS Pathog* 2018;14(8):e1007235

Kuhn M, Sühs KW, Akmatov MK, Klawonn F, Wang J, Skripuletz T, Kaefer V, Stangel M, Pessler F. Mass-spectrometric profiling of cerebrospinal fluid reveals metabolite biomarkers for CNS involvement in varicella zoster virus reactivation. *J Neuroinflammation* 2018;15(1):20

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Sohail A, Iqbal A, Rösel A, Vaas L, Mostafa A, Pleschka S, Sahini N, Wegner A, Geffers R, Hiller K, Pessler F. Induction of mannitol metabolism in influenza A virus infected cells. 6th International Influenza Meeting Sunday 02 September 2018 - Tuesday 04 September 2018 Volltext: <https://evis.events/event/28/book-of-abstracts.pdf>

Promotionen

Arshad, Haroon (Dr. rer. nat.): Identification of biomarkers for respiratory tract infections and the vaccine response using targeted metabolomics
MHH-Signatur: D 81086

Borst, Katharina (Dr. rer. nat.): Interferons key players in regulation of myeloid cell responses during viral infection
MHH-Signatur: D 81094

Chhatbar, Chintan Mukeshbhai (Dr. rer. nat.): Role of astrocytes and microglia during central nervous system virus infection
MHH-Signatur: D 80946

Iqbal, Azeem Ahmed (Dr. rer. nat.): Exploring the role of aconitate decarboxylase in host responses to infections
MHH-Signatur: D 81087

Joecks, Sebastian (Dr. rer. nat.): Decoding of mechanisms and protein machineries coordinating hepatitis C virus assembly and release
MHH-Signatur: D 81115

TwinCore - Experimentelle Virologie – 9652

Originalpublikationen

Abere B, Samarina N, Gramolelli S, Rückert J, Gerold G, Pich A, Schulz TF. Kaposi's Sarcoma-Associated Herpesvirus Nonstructural Membrane Protein pK15 Recruits the Class II Phosphatidylinositol 3-Kinase PI3K-C2alpha To Activate Productive Viral Replication *J Virol* 2018;92(17):e00544-18

Badenhorst M, Tegtmeyer B, Todt D, Guthrie A, Feige K, Campe A, Steinmann E, Cavalleri JMV. First detection and frequent occurrence of Equine Hepacivirus in horses on the African continent *Vet Microbiol* 2018;223:51-58

Baier C, Haid S, Beilken A, Behnert A, Wetzke M, Brown RJP, Schmitt C, Ebadi E, Hansen G, Schulz TF, Pietschmann T, Bange FC. Molecular characteristics and successful management of a respiratory syncytial virus outbreak among pediatric patients with hemato-oncological disease. *Antimicrob Resist Infect Control* 2018;7:21

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Franz S, Friesland M, Passos V, Todt D, Simmons G, Goffinet C, Steinmann E. Susceptibility of Chikungunya Virus to Inactivation by Heat and Commercially and World Health Organization-Recommended Biocides *J Infect Dis* 2018;218(9):1507-1510

Garcia-Nicolas O, V'kovski P, Vielle NJ, Ebert N, Züst R, Portmann J, Stalder H, Gaschen V, Vieyres G, Stoffel M, Schweizer M, Summerfield A, Engler O, Pietschmann T, Todt D, Alves MP, Thiel V, Pfaender S. The Small-Compound Inhibitor K22 Displays Broad Antiviral Activity against Different Members of the Family Flaviviridae and Offers Potential as a Panviral Inhibitor. *Antimicrob Agents Chemother* 2018;62(11):e01206-18

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Übersichtsarbeiten

Bartenschlager R, Baumert TF, Bukh J, Houghton M, Lemon SM, Lindenbach BD, Lohmann V, Moradpour D, Pietschmann T, Rice CM, Thimme R, Wakita T. Critical challenges and emerging opportunities in hepatitis C virus research in an era of potent antiviral therapy: Considerations for scientists and funding agencies. *Virus Res* 2018;248:53-62

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Promotionen

Blockus, Sebastian (Dr. rer. nat.): Construction of a reverse genetics system for a human respiratory syncytial virus isolate and identification of novel antiviral compounds
MHH-Signatur: D 81172

Drave, Svenja A. (Dr. med.): Extrahepatische Replikation und Infektion neuronaler und plazentarer Zellen durch das Hepatitis-E-Virus
MHH-Signatur: D 81154

Khera, Tanvi (Dr. rer. nat.): Characterization of natural and vaccine induced hepatitis C virus antibody responses and analysis of viral transmission by next generation sequencing
MHH-Signatur: D 80958

TwinCore - Infektionsimmunologie – 9653

Originalpublikationen

Alissafi T, Kourepini E, Simoes DCM, Paschalidis N, Aggelakopoulou M, Sparwasser T, Boon L, Hammad H, Lambrecht BN, Panoutsakopoulou V. Osteopontin Promotes Protective Antigenic Tolerance against Experimental Allergic Airway Disease *J Immunol* 2018;200(4):1270-1282

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Serradell MC, Gargantini PR, Saura A, Oms SR, Rupil LL, Berod L, Sparwasser T, Lujan HD. Cytokines, antibodies and histopathological profiles during *Giardia* infection and VSP-based vaccination. *Infect Immun* 2018;86(6):e00773-17

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Promotionen

Goharani Sefid Dashti, Alexa (Dr. med.): Modulation der Immunantwort bei chronisch entzündlichen Darmerkrankungen
MHH-Signatur: D 80980

TwinCore – Molekulare Bakteriologie – 9654

Originalpublikationen

Eckweiler D, Haussler S. Antisense transcription in *Pseudomonas aeruginosa* *Microbiology* 2018;164(6):889-895

Erdmann J, Preusse M, Khaledi A, Pich A, Häussler S. Environment-driven changes of mRNA and protein levels in *Pseudomonas aeruginosa* *Environ Microbiol* 2018;20(11):3952-3963

Grahl N, Dolben EL, Filkins LM, Crocker AW, Willger SD, Morrison HG, Sogin ML, Ashare A, Gifford AH, Jacobs NJ, Schwartzman JD, Hogan DA. Profiling of Bacterial and Fungal Microbial Communities in Cystic Fibrosis Sputum Using RNA. *mSphere* 2018;3(4):10.1128/mSphere.00292-18

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Promotionen

Lorenz, Anne (Dr. rer. nat.): Identification of fitness determinants in *Pseudomonas aeruginosa* infection
MHH-Signatur: D 81168

Forschungseinrichtungen/Zentrale Einrichtungen

ZIMT – 8700

Originalpublikationen

Kersting M, Frase W, Prokein J, Drobek D, Bernemann I, Klopp N, Gerbel S, Illig T. IT support for bio sample logistics: 7. Nationales Biobanken-Symposium, 11. – 12.12.2018, Berlin: TMF, 2018. S. 25-35

Abstracts

Gerbel S, Kersting M, Laser H, Bernemann I, Illig T. How can health care data and biobanks be adapted and linked for research - Establishing an Enterprise Clinical Research Data Warehouse. In: GMDS [Hrsg.]: 63. Jahrestagung der Deutschen Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e.V. (GMDS), 02.-06.September, 2018, Osnabrück. Köln: gms, 2018. S. DocAbstr. 118

Gietzelt M, Marscholke M, Gerbel S. Datenintegrationszentrum für die Medizin: Bessere Patientenversorgung durch Big Data. ti! 2018(3):12

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Laser H, Struckmann F, Wissner Y, Schönfeld N, Wartena C, Gerbel S. (Semi) automatic annotation and anonymization of medical text documents for secondary use. In: GMA [Hrsg.]: 63. Jahrestagung der Deutschen Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e. V. (GMDS) : 02. - 06.09.2018, Osnabrück. Köln, 2018. S. DocAbstr. 248

Schönfeld N, Wissner Y, Struckmann F, Schmiel M, Gerbel S. Management von Forschungsinformationsdaten an einem Universitätsklinikum. In: Deutsche Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie [Hrsg.]: 63. Jahrestagung der Deutschen Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e. V. (GMDS), 02.-06.September 2018, Osnabrück. Düsseldorf: German Medical Science GMS, 2018. S. DocAbstr. 201

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Schönfeld N, Wissner Y, Struckmann F, Schmiel M, Gerbel S. Management von Forschungsinformationsdaten an einem Universitätsklinikum. In: Deutsche Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie [Hrsg.]: 63. Jahrestagung der Deutschen Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e. V. (GMDS), 02.-06.September 2018, Osnabrück. Düsseldorf: German Medical Science GMS, 2018. S. DocAbstr. 201

Stabsstelle Strahlenschutz und Abteilung Medizinische Physik – 0020

Originalpublikationen

Derlin T, Sedding DG, Dutzmann J, Haghikia A, König T, Napp LC, Schütze C, Owsianski-Hille N, Wester HJ, Kropf S, Thackeray JT, Bankstahl JP, Geworski L, Ross TL, Bauersachs J, Bengel FM. Imaging of chemokine receptor CXCR4 expression in culprit and nonculprit coronary atherosclerotic plaque using motion-corrected [(68)Ga]pentixafor PET/CT. Eur J Nucl Med Mol Imaging 2018;45(11):1934-1944

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Mamach M, Kessler M, Bankstahl JP, Wilke F, Geworski L, Bengel FM, Kurt S, Berding G. Visualization of the auditory pathway in rats with 18F-FDG PET activation studies based on different auditory stimuli and reference conditions including cochlea ablation PLoS One 2018;13(10):e0205044

Mamach M, Wilke F, Durisin M, Beger FA, Finke M, Büchner A, Schultz B, Schultz A, Geworski L, Bengel FM, Lenarz T, Lesinski-Schiedat A, Berding G. Feasibility of (15)O-water PET studies of auditory system activation during general anesthesia in children. EJNMMI Res 2018;8(1):11

Elektronenmikroskop-Labor – 8840

Originalpublikationen

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Schindlbeck U, Wittmann T, Höppner S, Kinting S, Liebisch G, Hegermann J, Griese M. ABCA3 missense mutations causing surfactant dysfunction disorders have distinct cellular phenotypes Hum Mutat 2018;39(6):841-850

Senkler J, Rugen N, Eubel H, Hegermann J, Braun HP. Absence of Complex I Implicates Rearrangement of the Respiratory Chain in European Mistletoe Curr Biol 2018;28(10):1606-10.1016/j.cub.2018.03.050 [doi]

Abstracts

Schneider JP, Wrede C, Hegermann J, Ochs M, Mühlfeld C. Human alveolar epithelial type I cells reconstructed in 3D - more than simple squamous cells. Annual Meeting Anatomische Gesellschaft, 25.-28.September 2018, Rostock

Schneider JP, Wrede C, Hegermann J, Ochs M, Mühlfeld C. The human alveolar epithelial type I cell reconstructed in 3D - more than a simple squamous cell (Abstract No.910). 7th DZL Annual Meeting, 8.-9.Februar 2018, Bad Nauheim
Volltext: https://www.dzl.de/images/presse-events/events/2018_02_06_Abstract_Book.pdf

Forschungseinrichtung Strukturanalyse – 8830

Originalpublikationen

Belikov NE, Melnikova IA, Demina OV, Petrovskaya LE, Kryukova EA, Dolgikh DA, Kuzmichev PK, Chupin VV, Lukin AY, Shumsky AN, Chizhov I, Levin PP, Kirpichnikov MP, Varfolomeev SD, Khodonov AA. The effect of the chromophoric group modification on the optical properties of retinal proteins. Mendeleev Communications 2018;28(4):406-408

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Übersichtsarbeiten

Engelhard C, Chizhov I, Siebert F, Engelhard M. Microbial Halorhodopsins: Light-Driven Chloride Pumps Chem Rev 2018;118(21):10629-10645

Studiendekanat Medizin – 9135

Originalpublikationen

Afshar K, Bleidorn J, Büttner K, Schneider N, Steffens S. Kartierung kompetenzbasierter Lernziele im Curriculum Allgemeinmedizin an der Medizinischen Hochschule Hannover. ZFA 2018;94(10):405-411

Fischer V, Dudzinska A, Just I. The impact of the program structure at Hannover Medical School on academic success in medical studies. GMS J Med Educ 2018;35(2):Doc22

Fischer V. Gütekriterien bei universitären Prüfungen im Lichte von Kanes Rahmenwerk. Wien Med Wochenschr 2019;169(5-6):110-118

Just I, Fischer V. Prüfungen an der Medizinischen Hochschule Hannover – Wie kommt man vom Ist zum Soll? Wien Med Wochenschr 2019;169(5-6):119-125

Krohn M. Ärztliche Resilienz durch Achtsamkeit. Gruppe Interaktion Organisation 2018;49(2):149-155

Paulmann V. Quo vadis, Alumni? Absolventenbefragung helfen der MHH die Studienqualität zu verbessern und liefern empirische Daten zum Einstieg in den ärztlichen Beruf. Niedersächsisches Ärzteblatt 2017;91(9):10-11

Steffens S, Gutenbrunner C. Notwendigkeit der Integration der Kernkompetenzen von Rehabilitation und Behinderung in den Nationalen Kompetenzbasierten Lernzielkatalog Medizin (NKLM). Rehabilitation 2018;57(4):226-228

Steffens S, Paulmann V, Mecklenburg J, Büttner K, Behrends M. Perceived usability of the National Competence Based Catalogue of Learning Objectives for Undergraduate Medical Education by medical educators at the Hannover Medical School. GMS J Med Educ 2018;35(2):Doc16

Abstracts

Krohn M, Pracht G, Teppner S, Müller J, Melnik I, Gerbel S. Kritische Studienverläufe mit Datawarehouse erkennen. In: GMA [Hrsg.]: 63. Jahrestagung der Deutschen Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e. V. (GMDS) : 02. - 06.09.2018, Osnabrück. Köln, 2018. S. DocAbstr. 149

Krückeberg J, Krohn M, Behrends M. Erhebung zum Stand der Tutorenarbeit im Studium der Human- und Tiermedizin [Bericht über Entwicklungsprozess]. In: GMA [Hrsg.]: Jahrestagung der Gesellschaft für Medizinische Ausbildung (GMA), 19.09. - 22.09.2018, Wien, Österreich. Köln, 2018. S. DocP05.7

Zellsortierung (Sorter-Lab) – 9411

Originalpublikationen

Georgiev H, Ravens I, Papadogianni G, Halle S, Malissen B, Loots GG, Förster R, Bernhardt G. Shared and Unique Features Distinguishing Follicular T Helper and Regulatory Cells of Peripheral Lymph Node and Peyer's Patches Front Immunol 2018;9:714

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Sandrock I, Reinhardt A, Ravens S, Binz C, Wilharm A, Martins J, Oberdörfer L, Tan L, Lienenklaus S, Zhang B, Naumann R, Zhuang Y, Krueger A, Förster R, Prinz I. Genetic models reveal origin, persistence and non-redundant functions of IL-17-producing gammadelta T cells J Exp Med 2018;215(12):3006-3018

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Zentralapotheke – 8500

Originalpublikationen

Bechler F, Picksak G. Medikationsfehler - Immer im Blick behalten: CYP-Interaktion mit DOAK. KHP 2018;39(6):265-266

Erdmann H, Picksak G. Medikationsfehler - Salz oder Base - das ist hier die Frage! KHP 2018;39(4):141-142

Langebrake C, Picksak G. Medikationsfehler - Stolpersteine bei der Dosierung eines Fertigarzneimittels in Pulverform. KHP 2018;39(5):196-197

Picksak G. Medikationsfehler - Laborenten. KHP 2018;39(7):319-320

Picksak G. Medikationsfehler - Look-alike-Verwechslung führt irrtümlicherweise zu einem Qualitätsmangelbericht bei der AMK. KHP 2018;39(3):106-107

Picksak G. Medikationsfehler - Rektal - parenteral - egal? KHP 2018;39(2):67

Schröder J, Stier AK, Picksak G. Medikationsfehler - Das falsche Ketamin. KHP 2018;39(1):25-26

sonstiges

Bauer C, Picksak G. Medikationsfehler: Altes Problem – immer noch aktuell: Look-alike-Einkauf wegen Lieferengpass. KHP 2018;39(9):403-404

Däublin S, Picksak G. Medikationsfehler: Medikationsfehler durch uneindeutige Verlegungsberichte. KHP 2018;39(8):359

Erdmann H, Picksak G. Medikationsfehler: Look-alike – Für und Wider einer Präparate-Umstellung. KHP 2018;39(12):541-543

Picksak G. Medikationsfehler: Neue Fehlerquelle: Elektronische Verordnungssoftware. KHP 2018;39(11):500-501

Picksak G. Medikationsfehler: Völlig entspannt, aber gefangen im eigenen Körper. KHP 2018;39(10):441-442

Geschäftsführung Pflege – 3010

Abstracts

Krückeberg J, Behrends M, Schmeer R, Mascia M, Rutz M, Meyenburg-Altward I, Dierks ML, Marscholke M. Nursing Practice Centre Hannover: Innovative Technologies and Skills for Nursing at a University Hospital. MIE 2018 - Medical Informatics Europe Conference, 24.-26. April 2018, Göteborg

Stiller G, Böhme S, Franz S, Marscholke M, Behrends M. Ein Schulungskonzept zur Nutzung eines Patienten-Daten-Management-System nach der Inverted Classroom Methode für klinisches Personal. In: GMS [Hrsg.]: Jahrestagung der Gesellschaft für medizinische Ausbildung, 19.-22. September 2018, Wien. Köln, 2018. S. Doc5.4

Abteilungsübergreifende Bereiche

CRC

Originalpublikationen

Chobanyan-Jürgens K, Heusser K, Duncker D, Veltmann C, May M, Mehling H, Luft FC, Schroder C, Jordan J, Tank J. Cardiac pacemaker channel (HCN4) inhibition and atrial arrhythmogenesis after releasing cardiac sympathetic activation Sci Rep 2018;8(1):7748

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DZIF Deutsches Zentrum für Infektionsforschung

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Hannover Biomedical Research School (HBRS)

Originalpublikationen

Becker J, Kinast V, Döring M, Lipps C, Duran V, Spanier J, Tegtmeyer PK, Wirth D, Cicin-Sain L, Alcamí A, Kalinke U. Human monocyte-derived macrophages inhibit HCMV spread independent of classical antiviral cytokines *Virulence* 2018;9(1):1669-1684

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Sogkas G, Ernst D, Atsckezei F, Jablonka A, Schmidt RE, Behrens GMN, Stoll M. Consider Syphilis in Case of Lymphopenia in HIV-Infected Men Who Have Sex with Men (MSM): A Single-center, Retrospective Study *Infect Dis Ther* 2018;7(4):485-494

Tappe KA, Budida R, Stankov MV, Frenz T, R Shah H, Volz A, Sutter G, Kalinke U, Behrens GMN. Immunogenic cell death of dendritic cells following modified vaccinia virus Ankara infection enhances CD8(+) T cell proliferation *Eur J Immunol* 2018;48(12):2042-2054

Theobald SJ, Khailaie S, Meyer-Hermann M, Volk V, Olbrich H, Danisch S, Gerasch L, Schneider A, Sinzger C, Schaudien D, Lienenklaus S, Riese P, Guzman CA, Figueiredo C, von Käsenberg C, Spinelli LM, Glaesener S, Meyer-Bahlburg A, Ganser A, Schmitt M, Mach M, Messerle M, Stripecke R. Signatures of T and B Cell Development, Functional Responses and PD-1 Upregulation After HCMV Latent Infections and Reactivations in Nod.Rag.Gamma Mice Humanized With Cord Blood CD34(+) Cells *Front Immunol* 2018;9:2734

Letter

Sogkas G, Fedchenko M, Dhingra A, Jablonka A, Schmidt RE, Atsckezei F. Primary immunodeficiency disorder caused by phosphoinositide 3-kinase delta deficiency *J Allergy Clin Immunol* 2018;142(5):1650

Case reports

Sogkas G, Holz A, Riechers E, Langer F, von Falck C, Schmidt RE, Witte T. Tuberculous coxitis with trochanteric bursitis manifesting a year after immigration to Germany: a case report. *J Med Case Rep* 2018;12(1):332

Abstracts

Dezeljin M, Kutle I, Bogdanow B, Kubsch T, Cicin-Sain L, Wiebusch L, Messerle M. The mouse cytomegalovirus M25 protein interferes with the host signalling platform STRIPAK. Power of Viruses-Meeting, 16.-18.Mai 2018, Porec (Kroatien)

Poster

Dezeljin M, Kutle I, Bogdanow B, Kubsch T, Keyser K, Wiebusch L, Cicin-Sain L, Messerle M. Mouse cytomegalovirus takes control of the host signaling STRIPAK hub. Power of Viruses-Meeting, 16.-18.Mai 2018, Porec (Kroatien)

Flomm F, Borst EM, Günther T, Reimer R, Schneider C, Messerle M, Grundhoff A, Grünewald K, Bosse JB. Investigating the possibility of active human cytomegalovirus capsid transport in the nucleoplasm. Power of Viruses-Meeting, 16.-18.Mai 2018, Porec (Kroatien)

Nahrevanian S, Steinbrück L, Rückert J, Messerle M. Identification and characterization of small molecule compounds with activity against cytomegalovirus. Power of Viruses-Meeting, 16.-18.Mai 2018, Porec (Kroatien)

Sonntag E, Borst EM, Häge S, Tannig P, Seyler L, Wangen C, Messerle M, Bäuerle T, Marschall M. The cytomegalovirus core NEC protein pUL50 possesses basic functional importance both in vitro and in vivo. Power of Viruses-Meeting, 16.-18.Mai 2018, Porec (Kroatien)

Promotionen

Beck, Anne-Kathrin (Dr. rer. nat.): Basal ganglia and thalamic regions are involved in attentional processing of behaviorally significant auditory events
MHH-Signatur: D 81123

Bak, Szilvia (Dr. rer. nat. M.Sc. Medical Biotechnology): Differential effects of the immunosuppressive drugs sirolimus and tacrolimus on CMV-specific T-cell biology
MHH-Signatur: D 81228

Baus, Sandra (Dr. rer. nat. M.Sc. Biomedicine): Generation and enrichment of airway basal cells and club cells from human induced pluripotent stem cells utilizing double transgenic reporter lines
MHH-Signatur: D 81291

Bhushal, Sudeep (PhD Immunology M.Sc. Molecular Mechanisms of Disease): Type I and type III interferon response in intestinal epithelial cells
MHH-Signatur: D 81102

Borst, Katharina (Dr. rer. nat.): Interferons key players in regulation of myeloid cell responses during viral infection
MHH-Signatur: D 81094

Costa, Rui Pedro Marques da (PhD Virology): Impact of host factor variation on the biology of HCV in vitro and in vivo
MHH-Signatur: D 81404

Eicke, Dorothee (Dr. rer. nat. M.Sc. Life Science): Large-scale production of HLA-silenced megakaryocytes and platelets for universal application
MHH-Signatur: D 81296

Engels, Anna Lena Friederike (Dr. rer. nat. M.Sc.): Genetic engineering of the HLA repertoire of human induced pluripotent stem cells to overcome T cell and NK cell response after allogeneic cell therapy
MHH-Signatur: D 81295

Heise, Melina (Dr. rer. nat. Developmental Biology M.Sc. Biomedicine): Morphogenetic control of zebrafish cardiac looping by Bmp signaling
MHH-Signatur: D 81108

Joecks, Sebastian (Dr. rer. nat.): Decoding of mechanisms and protein machineries coordinating hepatitis C virus assembly and release
MHH-Signatur: D 81115

Kalozoumis, Panagiotis (PhD Dipl.Ing.): Patient-specific FSI computational modelling of the left heart
MHH-Signatur: D 81392

Karo, Basel (PhD B.Sc.): Tuberculosis/HIV co-infection in low-incidence settings: Insight into immunological biomarkers for tuberculosis preventive therapy
MHH-Signatur: D 81213

Koch, Sandra (Dr. rer. nat. M.Sc. Biology): Kaposi's sarcoma-associated herpesvirus vIRF2 protein utilizes an IFN dependent pathway to regulate viral latency
MHH-Signatur: D 80932

Korte, Laura (Dr. rer. nat. Regenerative Science M.Sc.): Impact of miRNA-146a on vascular remodeling processes
MHH-Signatur: D 81107

Legchenko, Ekaterina (PhD Molecular Medicine M.Sc. Molecular Biophysics): New pathways and therapeutic strategies for pulmonary arterial hypertension and right heart failure
MHH-Signatur: D 80923

Lotke, Rishikesh (PhD Virology M.Sc. Biotechnology): Role of BRDBET proteins in the association of Kaposi's Sarcoma-associated Herpesvirus (KSHV) kLANA and Murine gammaherpesvirus (MHV-68) mLANA with the chromatin
MHH-Signatur: D 81078

Mamach, Martin (Dr. rer. nat. M.Sc. Physics): Functional characterization of the central auditory system using emission tomography
MHH-Signatur: D 81255

Mishra, Neha (PhD Immunology M.Sc. Biotechnology): Influence of peptidyl arginine deiminase dependent citrullination as well as HIV-1 infection for inflammasome assembly and ASC speck multimerization
MHH-Signatur: D 81079

Poetzsch, Jenny (Dr. rer. nat.): Homing of neutrophils via afferent lymphatics
MHH-Signatur: D 81093

Rübsamen, Nicole (PhD B.Sc. Molecular Biology M.Sc. Epidemiology): Online methods for the investigation of the epidemiology of infectious diseases
MHH-Signatur: D 81240

Samarina, Naira (Dr. rer. nat. Virology M.Sc.): Inhibition of the PLC γ 1 recruitment to the Kaposi's sarcoma-associated herpesvirus K15 protein as a novel approach to interfere with early viral lytic gene expression and pathogenesis
MHH-Signatur: D 81077

Schubert, Madline (Dr. rer. nat. M.Sc.): Generation of disease-specific hiPSCs and development of transgenic reporter cell lines for Cystic Fibrosis disease modelling and drug screening
MHH-Signatur: D 80971

Schulze, Jennifer (Dr. rer. nat.): Development of a biohybrid electrode
MHH-Signatur: D 81203

Sydykov, Bulat (Dr. rer. nat. M.Sc. Physics): Macromolecular stability of biological glasses
MHH-Signatur: D 81294

Szepes, Mónika (Dr. rer. nat. M.Sc. Biomedical Engineering): Investigation of the role of pericytes in the in vitro model of bioartificial tissue formation from human iPSC-derived cardiovascular cell types
MHH-Signatur: D 81299

Tarekegn, Girmay Desalegn (PhD M.Sc.): Context-dependent in vivo differentiation of monocytes into macrophages in the small intestine and their migratory properties
MHH-Signatur: D 80921

Voigt, Jenny (Dr. rer. nat. Immunology Dipl.-Ing. Biotechnology): Proteomic and functional characterization of CD56neg human NK cells
MHH-Signatur: D 81218

Volk, Valery (PhD Immunology and Viral Infections Dipl. Biotechnology): Development and maturation of T cells reactive against human cytomegalovirus in mice transplanted with human hematopoietic stem cells
MHH-Signatur: D 80788

Wahllicht, Tom (Dr. rer. nat. M.Sc. Biotechnology): An in vitro liver zonation system based on controlled modulation of Wnt-signalling in hepatic cells
MHH-Signatur: D 81293

Wolling, Hanna (Dr. rer. nat. M.Sc.): Establishment of a BSA-free medium supplement enabling secretome analysis during human pluripotent stem cell cardiomyogenesis as well as xeno-free differentiation into definitive endoderm
MHH-Signatur: D 80973

Yusuf, Prasandhya Astagiri (PhD): Coupling within the cortical column effects of congenital deafness
MHH-Signatur: D 81092

Zoch-Lesniak, Beate (PhD Epidemiology M.Sc. Public Health): Feasibility and acceptability of a symptom diary and parent-collected Swabs to capture acute respiratory and gastrointestinal infections in children
MHH-Signatur: D 81301

Internationales MD/PhD Programm: Molecular Medicine

Originalpublikationen

Aydogdu N, Rudat C, Trowe MO, Kaiser M, Lütke TH, Taketo MM, Christoffels VM, Moon A, Kispert A. TBX2 and TBX3 act downstream of canonical WNT signaling in patterning and differentiation of the mouse ureteric mesenchyme *Development* 2018;145(23):dev171827

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Rivera-Reyes R, Kleppa MJ, Kispert A. Proteomic analysis identifies transcriptional cofactors and homeobox transcription factors as TBX18 binding proteins *PLoS One* 2018;13(8):e0200964

Tappe KA, Budida R, Stankov MV, Frenz T, R Shah H, Volz A, Sutter G, Kalinke U, Behrens GMN. Immunogenic cell death of dendritic cells following modified vaccinia virus Ankara infection enhances CD8(+) T cell proliferation *Eur J Immunol* 2018;48(12):2042-2054

Promotionen

Bak, Szilvia (Dr. rer. nat. M.Sc. Medical Biotechnology): Differential effects of the immunosuppressive drugs sirolimus and tacrolimus on CMV-specific T-cell biology
MHH-Signatur: D 81228

Legchenko, Ekaterina (PhD Molecular Medicine M.Sc. Molecular Biophysics): New pathways and therapeutic strategies for pulmonary arterial hypertension and right heart failure
MHH-Signatur: D 80923

Lotke, Rishikesh (PhD Virology M.Sc. Biotechnology): Role of BRDBET proteins in the association of Kaposi's Sarcoma-associated Herpesvirus (KSHV) kLANA and Murine gammaherpesvirus (MHV-68) mLANA with the chromatin
MHH-Signatur: D 81078

Mishra, Neha (PhD Immunology M.Sc. Biotechnology): Influence of peptidyl arginine deiminase dependent citrullination as well as HIV-1 infection for inflammasome assembly and ASC speck multimerization
MHH-Signatur: D 81079

Internationales PhD Programm: DEWIN - Dynamik der Erreger-Wirt-Interaktionen

Promotionen

Abere Alamirew, Bizunesh (PhD M.Sc. Molecular Genetics and Genetic Engineering): Role of the Kaposi's Sarcoma-associated Herpesvirus K15 protein in regulating viral latency and lytic replication
MHH-Signatur: D 80909

Joecks, Sebastian (Dr. rer. nat.): Decoding of mechanisms and protein machineries coordinating hepatitis C virus assembly and release
MHH-Signatur: D 81115

Koch, Sandra (Dr. rer. nat. M.Sc. Biology): Kaposi's sarcoma-associated herpesvirus vIRF2 protein utilizes an IFN dependent pathway to regulate viral latency
MHH-Signatur: D 80932

Samarina, Naira (Dr. rer. nat. Virology M.Sc.): Inhibition of the PLC γ 1 recruitment to the Kaposi's sarcoma-associated herpesvirus K15 protein as a novel approach to interfere with early viral lytic gene expression and pathogenesis
MHH-Signatur: D 81077

Tarekegn, Girmay Desalegn (PhD M.Sc.): Context-dependent in vivo differentiation of monocytes into macrophages in the small intestine and their migratory properties
MHH-Signatur: D 80921

Internationales PhD Programm: Auditory Sciences

Promotionen

Beck, Anne-Kathrin (Dr. rer. nat.): Basal ganglia and thalamic regions are involved in attentional processing of behaviorally significant auditory events
MHH-Signatur: D 81123

Mamach, Martin (Dr. rer. nat. M.Sc. Physics): Functional characterization of the central auditory system using emission tomography
MHH-Signatur: D 81255

Schulze, Jennifer (Dr. rer. nat.): Development of a biohybrid electrode
MHH-Signatur: D 81203

Internationales PhD Programm: Epidemiology

Promotionen

Karo, Basel (PhD B.Sc.): Tuberculosis/HIV co-infection in low-incidence settings: Insight into immunological biomarkers for tuberculosis preventive therapy
MHH-Signatur: D 81213

Rübsamen, Nicole (PhD B.Sc. Molecular Biology M.Sc. Epidemiology): Online methods for the investigation of the epidemiology of infectious diseases
MHH-Signatur: D 81240

Zoch-Lesniak, Beate (PhD Epidemiology M.Sc. Public Health): Feasibility and acceptability of a symptom diary and parent-collected Swabs to capture acute respiratory and gastrointestinal infections in children
MHH-Signatur: D 81301

Internationales PhD Programm: Infection Biology

Promotionen

Bhushal, Sudeep (PhD Immunology M.Sc. Molecular Mechanisms of Disease): Type I and type III interferon response in intestinal epithelial cells
MHH-Signatur: D 81102

Costa, Rui Pedro Marques da (PhD Virology): Impact of host factor variation on the biology of HCV in vitro and in vivo
MHH-Signatur: D 81404

Volk, Valery (PhD Immunology and Viral Infections Dipl. Biotechnology): Development and maturation of T cells reactive against human cytomegalovirus in mice transplanted with human hematopoietic stem cells
MHH-Signatur: D 80788

Internationales PhD Programm: Regenerative Sciences

Originalpublikationen

Theobald SJ, Khailaie S, Meyer-Hermann M, Volk V, Olbrich H, Danisch S, Gerasch L, Schneider A, Sinzger C, Schaudien D, Lienenklaus S, Riese P, Guzman CA, Figueiredo C, von Kaisenberg C, Spineli LM, Glaesener S, Meyer-Bahlburg A, Ganser A, Schmitt M, Mach M, Messerle M, Stripecke R. Signatures of T and B Cell Development, Functional Responses and PD-1 Upregulation After HCMV Latent Infections and Reactivations in Nod.Rag.Gamma Mice Humanized With Cord Blood CD34(+) Cells Front Immunol 2018;9:2734

Promotionen

Baus, Sandra (Dr. rer. nat. M.Sc. Biomedicine): Generation and enrichment of airway basal cells and club cells from human induced pluripotent stem cells utilizing double transgenic reporter lines
MHH-Signatur: D 81291

Eicke, Dorothee (Dr. rer. nat. M.Sc. Life Science): Large-scale production of HLA-silenced megakaryocytes and platelets for universal application
MHH-Signatur: D 81296

Engels, Anna Lena Friederike (Dr. rer. nat. M.Sc.): Genetic engineering of the HLA repertoire of human induced pluripotent stem cells to overcome T cell and NK cell response after allogeneic cell therapy
MHH-Signatur: D 81295

Heise, Melina (Dr. rer. nat. Developmental Biology M.Sc. Biomedicine): Morphogenetic control of zebrafish cardiac looping by Bmp signaling
MHH-Signatur: D 81108

Korte, Laura (Dr. rer. nat. Regenerative Science M.Sc.): Impact of miRNA-146a on vascular remodeling processes
MHH-Signatur: D 81107

Schubert, Madline (Dr. rer. nat. M.Sc.): Generation of disease-specific hiPSCs and development of transgenic reporter cell lines for Cystic Fibrosis disease modelling and drug screening
MHH-Signatur: D 80971

Sydykov, Bulat (Dr. rer. nat. M.Sc. Physics): Macromolecular stability of biological glasses
MHH-Signatur: D 81294

Szepes, Mónika (Dr. rer. nat. M.Sc. Biomedical Engineering): Investigation of the role of pericytes in the in vitro model of bioartificial tissue formation from human iPSC-derived cardiovascular cell types
MHH-Signatur: D 81299

Wahlicht, Tom (Dr. rer. nat. M.Sc. Biotechnology): An in vitro liver zonation system based on controlled modulation of Wnt-signalling in hepatic cells
MHH-Signatur: D 81293

Wolling, Hanna (Dr. rer. nat. M.Sc.): Establishment of a BSA-free medium supplement enabling secretome analysis during human pluripotent stem cell cardiomyogenesis as well as xeno-free differentiation into definitive endoderm
MHH-Signatur: D 80973

IRTG 1273: Strategien menschlicher Krankheitserreger zur Etablierung akuter und chronischer Infektionen

Promotionen

Borst, Katharina (Dr. rer. nat.): Interferons key players in regulation of myeloid cell responses during viral infection
MHH-Signatur: D 81094

Lorenz, Anne (Dr. rer. nat.): Identification of fitness determinants in Pseudomonas aeruginosa infection
MHH-Signatur: D 81168

Klinische Forschergruppe 250: Genetische und zelluläre Mechanismen von Autoimmunerkrankungen

Originalpublikationen

Acosta-Herrera M, Kerick M, Gonzalez-Serna D, Wijmenga C, Franke A, Gregersen PK, Padyukov L, Worthington J, Vyse TJ, Alarcon-Riquelme ME, Mayes MD, Martin J, Myositis Genetics Consortium. Genome-wide meta-analysis reveals shared new loci in systemic seropositive rheumatic diseases *Ann Rheum Dis* 2019;78(3):311-319

Ernst D, Widera C, Weiberg D, Derlin T, Ahrenstorf G, Sogkas G, Jablonka A, Schmidt RE, Witte T, Heidecke H, Riemekasten G. Beta-1-Adrenergic Receptor Antibodies in Acute Coronary Syndrome: Is Less Sometimes More? *Front Cardiovasc Med* 2018;5:170

Gonzalez-Serna D, Carmona EG, Ortego-Centeno N, Simeon CP, Solans R, Hernandez-Rodriguez J, Tolosa C, Castaneda S, Narvaez J, Martinez-Valle F, European GCA Consortium, European Scleroderma Group, Witte T, Neumann T, Holle J, Beretta L, Boiardi L, Emmi G, Cimmino MA, Vaglio A, Herrick AL, Denton CP, Salvarani C, Cid MC, Morgan AW, Fonseca C, Gonzalez-Gay MA, Martin J, Marquez A. A TNFSF13B functional variant is not involved in systemic sclerosis and giant cell arteritis susceptibility *PLoS One* 2018;13(12):e0209343

Gonzalez-Serna D, Ortiz-Fernandez L, Vargas S, Garcia A, Raya E, Fernandez-Gutierrez B, Lopez-Longo FJ, Balsa A, Gonzalez-Alvaro I, Narvaez J, Gomez-Vaquero C, Sabio JM, Garcia-Portales R, Gonzalez-Escribano MF, Tolosa C, Carreira P, Kiemenev L, Coenen MJH, Witte T, Schneider M, Gonzalez-Gay MA, Martin J. Association of a rare variant of the TNFSF13B gene with susceptibility to Rheumatoid Arthritis and Systemic Lupus Erythematosus *Sci Rep* 2018;8(1):8195-018-26573-4

Moschovakis GL, Bubke A, Friedrichsen M, Ristenpart J, Back JW, Falk CS, Kremmer E, Förster R. The chemokine receptor CCR7 is a promising target for rheumatoid arthritis therapy *Cell Mol Immunol* 2018:DOI:10.1038/s41423-018-0056-5

Riechers E, Baerlecken N, Baraliakos X, Achilles-Mehr Bakhsh K, Aries P, Bannert B, Becker K, Brandt-Jurgens J, Braun J, Ehrenstein B, Euler HH, Fleck M, Hein R, Karberg K, Köhler L, Matthias T, Max R, Melzer A, Meyer-Olson D, Rech J, Rockwitz K, Rudwaleit M, Schmidt RE, Schweikhard E, Sieper J, Stille C, von Hinüber U, Wagener P, Weidemann HF, Zinke S, Witte T. Sensitivity and specificity of autoantibodies against CD74 in axial spondyloarthritis *Arthritis Rheumatol* 2019;71(5):729-735

Tappe KA, Budida R, Stankov MV, Frenz T, R Shah H, Volz A, Sutter G, Kalinke U, Behrens GMN. Immunogenic cell death of dendritic cells following modified vaccinia virus Ankara infection enhances CD8(+) T cell proliferation *Eur J Immunol* 2018;48(12):2042-2054

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Permanyer M, Bosnjak B, Förster R. Dendritic cells, T cells and lymphatics: dialogues in migration and beyond *Curr Opin Immunol* 2018;53:173-179

Klinische Forschergruppe 311: (Prä-)terminales Herz- und Lungenversagen: Mechanische Entlastung und Reparatur

Originalpublikationen

Derlin T, Sedding DG, Dutzmann J, Haghikia A, König T, Napp LC, Schütze C, Owsianski-Hille N, Wester HJ, Kropf S, Thackeray JT, Bankstahl JP, Geworski L, Ross TL, Bauersachs J, Bengel FM. Imaging of chemokine receptor CXCR4 expression in culprit and nonculprit coronary atherosclerotic plaque using motion-corrected [(68)Ga]pentixafor PET/CT. *Eur J Nucl Med Mol Imaging* 2018;45(11):1934-1944

Grund A, Szaroszyk M, Döppner JK, Malek Mohammadi M, Kattih B, Korf-Klingebiel M, Gigina A, Scherr M, Kensah G, Jara-Avaca M, Gruh I, Martin U, Wollert KC, Gohla A, Katus HA, Müller OJ, Bauersachs J, Heineke J. A gene therapeutic approach to inhibit C1B1 ameliorates maladaptive remodeling in pressure overload. *Cardiovasc Res* 2019;115(1):71-82

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Chatterjee S, Gupta SK, Bär C, Thum T. Noncoding RNAs: potential regulators in cardioncology *Am J Physiol Heart Circ Physiol* 2019;316(1):H160-H168

Jung M, Dodsworth M, Thum T. Inflammatory cells and their non-coding RNAs as targets for treating myocardial infarction *Basic Res Cardiol* 2018;114(1):4

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Tongers J, Flierl U, Sieweke JT, Bauersachs J, Schäfer A, Napp LC. Safe Exchange of a Transfemoral Impella Pump *Cardiovasc Revasc Med* 2018;DOI: 10.1016/j.carrev.2018.12.006

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Badria A, Koutsoukos P, Korossis S, Mavrilas D. The effect of heparin hydrogel embedding on glutaraldehyde fixed bovine pericardial tissues: Mechanical behavior and anticalcification potential *J Mater Sci Mater Med* 2018;29(11):175

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Katsimpoulas M, Morticelli L, Gontika I, Kouvaka A, Mallis P, Dipresa D, Böer U, Soudah B, Haverich A, Michalopoulos E, Korossis SA. Biocompatibility and Immunogenicity of Decellularised Allogeneic Aorta in the Orthotopic Rat Model *Tissue Eng Part A* 2019;25(5-6):399-415

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Zwirner U, Höffler K, Pflaum M, Korossis S, Haverich A, Wiegmann B. Identifying an optimal seeding protocol and endothelial cell substrate for biohybrid lung development. *J Tissue Eng Regen Med* 2018;12(12):2319-2330

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de Gonzalo-Calvo D, Cediël G, Bär C, Nunez J, Revuelta-Lopez E, Gavara J, Rios-Navarro C, Llorente-Cortes V, Bodi V, Thum T, Bayes-Genis A. Circulating miR-1254 predicts ventricular remodeling in patients with ST-Segment-Elevation Myocardial Infarction: A cardiovascular magnetic resonance study *Sci Rep* 2018;8(1):15115

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Derlin T, Sedding DG, Dutzmann J, Haghikia A, König T, Napp LC, Schütze C, Owsianski-Hille N, Wester HJ, Kropf S, Thackeray JT, Bankstahl JP, Geworski L, Ross TL, Bauersachs J, Bengel FM. Imaging of chemokine receptor CXCR4 expression in culprit and nonculprit coronary atherosclerotic plaque using motion-corrected [(68)Ga]pentixafor PET/CT. *Eur J Nucl Med Mol Imaging* 2018;45(11):1934-1944

Döhner K, Ramos-Nascimento A, Bialy D, Anderson F, Hickford-Martinez A, Rother F, Koithan T, Rudolph K, Buch A, Prank U, Binz A, Hügél S, Lebbink RJ, Hoeben RC, Hartmann E, Bader M, Bauerfeind R, Sodeik B. Importin alpha1 is required for nuclear import of herpes simplex virus proteins and capsid assembly in fibroblasts and neurons. *PLoS Pathog* 2018;14(1):e1006823

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Baus, Sandra (Dr. rer. nat. M.Sc. Biomedicine): Generation and enrichment of airway basal cells and club cells from human induced pluripotent stem cells utilizing double transgenic reporter lines
MHH-Signatur: D 81291

Eicke, Dorothee (Dr. rer. nat. M.Sc. Life Science): Large-scale production of HLA-silenced megakaryocytes and platelets for universal application
MHH-Signatur: D 81296

Engels, Anna Lena Friederike (Dr. rer. nat. M.Sc.): Genetic engineering of the HLA repertoire of human induced pluripotent stem cells to overcome T cell and NK cell response after allogeneic cell therapy
MHH-Signatur: D 81295

Heise, Melina (Dr. rer. nat. Developmental Biology M.Sc. Biomedicine): Morphogenetic control of zebrafish cardiac looping by Bmp signaling
MHH-Signatur: D 81108

Korte, Laura (Dr. rer. nat. Regenerative Science M.Sc.): Impact of miRNA-146a on vascular remodeling processes
MHH-Signatur: D 81107

Schubert, Madline (Dr. rer. nat. M.Sc.): Generation of disease-specific hiPSCs and development of transgenic reporter cell lines for Cystic Fibrosis disease modelling and drug screening
MHH-Signatur: D 80971

Sydykov, Bulat (Dr. rer. nat. M.Sc. Physics): Macromolecular stability of biological glasses
MHH-Signatur: D 81294

Szepes, Mónika (Dr. rer. nat. M.Sc. Biomedical Engineering): Investigation of the role of pericytes in the in vitro model of bioartificial tissue formation from human iPSC-derived cardiovascular cell types
MHH-Signatur: D 81299

Wahllicht, Tom (Dr. rer. nat. M.Sc. Biotechnology): An in vitro liver zonation system based on controlled modulation of Wnt-signalling in hepatic cells
MHH-Signatur: D 81293

Wolling, Hanna (Dr. rer. nat. M.Sc.): Establishment of a BSA-free medium supplement enabling secretome analysis during human pluripotent stem cell cardiomyogenesis as well as xeno-free differentiation into definitive endoderm
MHH-Signatur: D 80973

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Dezeljin M, Kutle I, Bogdanow B, Kubsch T, Cicin-Sain L, Wiebusch L, Messerle M. The mouse cytomegalovirus M25 protein interferes with the host signalling platform STRIPAK. Power of Viruses-Meeting, 16.-18.Mai 2018, Porec (Kroatien)

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Samarina, Naira (Dr. rer. nat. Virology M.Sc.): Inhibition of the PLC γ 1 recruitment to the Kaposi's sarcoma-associated herpesvirus K15 protein as a novel approach to interfere with early viral lytic gene expression and pathogenesis
MHH-Signatur: D 81077

Yu, Pengfei (Dr. med.): Effect of varicella zoster virus infection on the metabolism of human neurons and ARPE19 cells
MHH-Signatur: D 81169

SFB Transregio 127

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Zentrale Forschungseinrichtung für Metabolomics – 9414

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Zentrum für Infektionsbiologie

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Koch, Sandra (Dr. rer. nat. M.Sc. Biology): Kaposi's sarcoma-associated herpesvirus vIRF2 protein utilizes an IFN dependent pathway to regulate viral latency
MHH-Signatur: D 80932

Tarekegn, Girmay Desalegn (PhD M.Sc.): Context-dependent in vivo differentiation of monocytes into macrophages in the small intestine and their migratory properties
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