



Hochschulbibliografie 2015



Hochschulbibliografie der Medizinischen Hochschule Hannover

Berichtsjahr 2015

erstellt in der Bibliothek
der Medizinischen Hochschule Hannover

MHH-Hochschulbibliografie 2015

Sehr geehrte Damen und Herren,

die achte Jahressausgabe der Hochschulbibliografie verzeichnet in gewohnter Weise die Publikationen von MHH-Autoren, die im Rahmen der Datenerhebung zur Berechnung der leistungsorientierten Mittelvergabe (LOM) der Bibliothek gemeldet wurden. Die hier vorliegende Liste des Berichtszeitraumes 2015 enthält auch Publikationen mit Drucklegung 2016 sofern die elektronische Erstveröffentlichung bereits 2015 stattfand.

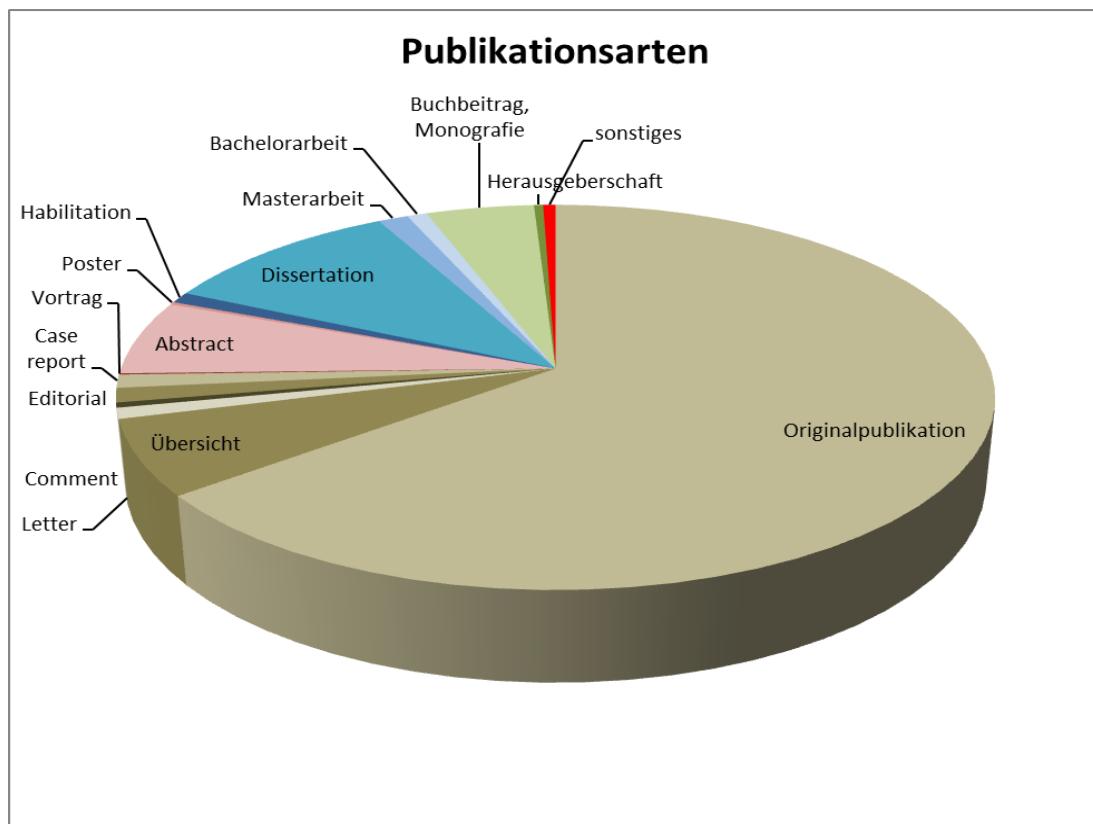
Ergänzt wird die Sammlung durch die an die Bibliothek abgelieferten MHH-Hochschulschriften (Habilitationen, Dissertationen etc.) sowie weiteren Publikationsarten, die für die LOM-Berechnung nicht herangezogen werden und zum Teil auch nicht im [Forschungsbericht](#) verzeichnet werden (Abstracts, Letter, Comments, Case reports etc.). Darüber hinaus werden auch gemeldete Vorträge und Poster verzeichnet.

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:

	2010	2011	2012	2013	2014	2015
Zeitschriftenliteratur						
Originalpublikationen	1756	1880	1907	1940	1961	1979
Übersichten	194	237	226	229	197	196
Letter	29	46	45	43	30	28
Comments	29	16	18	23	23	13
Editorials	2	40	46	35	37	47
Case Reports			33	40	38	34
Kongressbeiträge						
Vorträge	39	14	63	26	2	3
Abstracts	110	90	96	229	216	192
Poster	1	4	25	17	5	7
Hochschulschriften						
Dissertationen	299	311	326	349	347	319
Habilitationen	33	33	44	20	30	28
Masterarbeiten	11	54	48	75	54	39
Diplomarbeiten	5	7	1	5	1	0
Bachelorarbeiten	6	18	24	29	30	26
Buchveröffentlichungen						
Buchbeiträge, Monografien	185	226	243	191	159	141
Herausgeberschaften	17	19	19	11	19	12
Summen (Mehrfachnennungen möglich. Stand November 2016)	2744	3005	3163	3224	3166	3073

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.

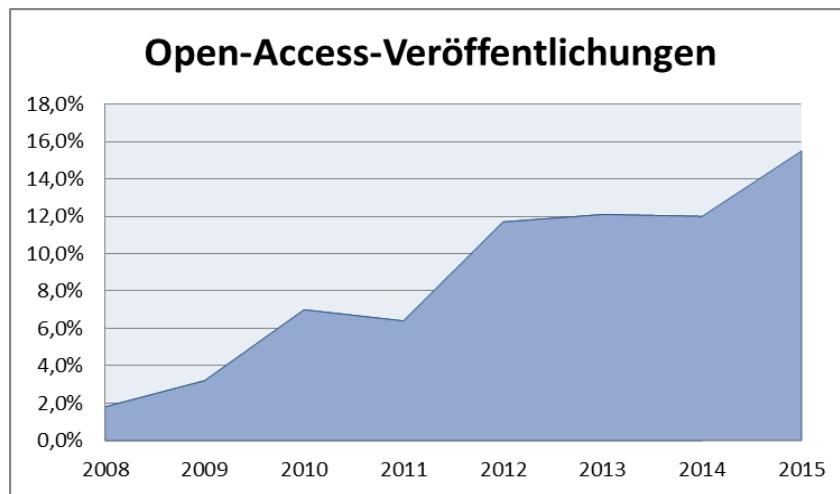
Für das Jahr 2015 ergibt sich folgende Verteilung der Publikationsarten auf die Gesamtmenge:



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

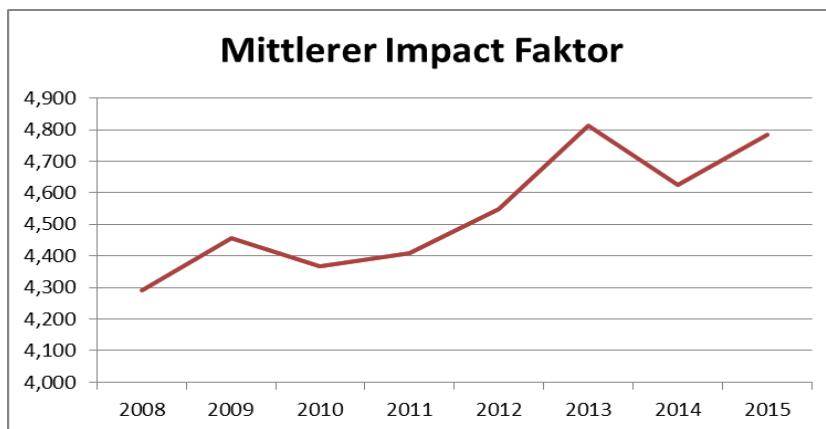
Zeitschrift	Publikationen
PloS one	96
World journal of urology	23
Nature communications	18
Scientific reports	17
Journal of virology	17
Amino acids	17
Journal of immunology	16
Blood	16
Krankenhauspharmazie	15
European journal of cardio-thoracic surgery	14
The Journal of allergy and clinical immunology	13
Leukemia	13
European heart journal	13
The New England journal of medicine	12
The Journal of pediatrics	12
Transplantation	10
The Journal of biological chemistry	10
International journal of cardiology	10
American journal of transplantation	10

Der Anteil an Open Access Publikationen nimmt seit Jahren zu. Die hier dargestellten Zahlen beziehen sich auf alle in der Hochschulbibliografie vertretenen Publikationsarten, also auch frei im Netz abrufbare Dissertationen.



Die im bibliografischen Teil aufgeführten Impact Faktoren sind den Journal Citation Reports (JCR) ed. 2014 entnommen. Sie dienten zur Berechnung der leistungsorientierten Mittel und erlauben eine Einschätzung der Zitationsrate der entsprechenden Zeitschriften.

Der Mittelwert der Impact Faktoren aus den einzelnen Jahrgängen zeigt einen langfristigen Aufwärtstrend:



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.

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.

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Kliniken/Institute der Sektion I

Zentrum Anatomie

Institut für Funktionelle und Angewandte Anatomie – 4120

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Buchbeiträge, Monografien

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Schnapper A, Ochs M. Lung transplantation and the blood-gas barrier. In: Makanya AN [Hrsg.]: The Vertebrate Blood-Gas Barrier in Health and Disease. 2015. Cham: Springer International Publishing, 2015. S. 189-220

Promotionen

Ebel, Christian (Dr. med.): Clonal in vitro analysis of neurotrophin receptor p75-immunofluorescent cells reveals phenotypic plasticity of primary rat olfactory ensheathing cells
MHH-Signatur: D 80202

Hübner, Lena (Dr. med.): Untersuchungen zur Aktivierbarkeit humaner natürlicher Killerzellen durch Adipokine
MHH-Signatur: D 80021

Laue, Tobias (Dr. med.): Der kurz- und langzeitige Einfluss von Leptin auf humane NK-Zellen bei Normal- und Übergewichtigen
MHH-Signatur: D 80251

Schneider, Jan Philipp Maria (Dr. med.): Veränderungen der Gewebedimensionen von Mäuseleberproben während Entwässerung und Einbettung im Rahmen unterschiedlicher histologischer Prozessierung für stereologische Untersuchungen
MHH-Signatur: D 80259

Weiberg, Desiree Giesela Dorothea (Dr. med.): Die Rolle von IgM + -B-Zellen aus der Milz bei einer spezifischen Immunantwort gegen oral verabreichtes Ovalbumin
MHH-Signatur: D 80049

Niedersachsenprofessur Immunmorphologie – 4160

Originalpublikationen

Pabst R. Mucosal vaccination by the intranasal route. Nose-associated lymphoid tissue (NALT)-Structure, function and species differences Vaccine 2015;33(36):4406-4413

Promotionen

Hübner, Lena (Dr. med.): Untersuchungen zur Aktivierbarkeit humaner natürlicher Killerzellen durch Adipokine
MHH-Signatur: D 80021

Laue, Tobias (Dr. med.): Der kurz- und langzeitige Einfluss von Leptin auf humane NK-Zellen bei Normal- und Übergewichtigen
MHH-Signatur: D 80251

Institut für Neuroanatomie – 4140

Originalpublikationen

Haastert K, Mauritz C, Chaturvedi S, Grothe C. Human and rat adult Schwann cell cultures: fast and efficient enrichment and highly effective non-viral transfection protocol. *Nat Protoc* 2007;2(1):99-104

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Meyer C, Stenberg L, Gonzalez-Perez F, Wrobel S, Ronchi G, Udina E, Suganuma S, Geuna S, Navarro X, Dahlin LB, Grothe C, Haastert-Talini K. Chitosan-film enhanced chitosan nerve guides for long-distance regeneration of peripheral nerves. *Biomaterials* 2015;76:33-51

Meyer C, Wrobel S, Raimondo S, Rochkind S, Heimann C, Shahar A, Ziv-Polat O, Geuna S, Grothe C, Haastert-Talini K. Peripheral nerve regeneration through hydrogel enriched chitosan conduits containing engineered Schwann cells for drug delivery. *Cell Transplant* 2016;25(1):159-182

Rohrbeck A, Stahl F, Höltje M, Hettwer T, Lindner P, Hagemann S, Pich A, Haastert-Talini K. C3-induced release of neurotrophic factors from Schwann cells - potential mechanism behind its regeneration promoting activity. *Neurochem Int* 2015;90:232-245

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Forthmann B, Aletta JM, Lee YW, Terranova C, Birkaya B, Stachowiak EK, Stachowiak MK, Claus P. Coalition of Nuclear Receptors in the Nervous System. *J Cell Physiol* 2015;230(12):2875-2880

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Hensel N, Rademacher S, Claus P. Chatting with the neighbors: crosstalk between Rho-kinase (ROCK) and other signaling pathways for treatment of neurological disorders. *Front Neurosci* 2015;9:198

Promotionen

Bronzlik, Paul (Dr. med.): Tierexperimentelle Untersuchungen an Mausmutanten zur Funktion der endogenen Polysialinsäure bei der peripheren Nervenregeneration
MHH-Signatur: D 80277

Masterarbeiten

Freund, Lena Julie (M.Sc.): In vitro analysis of a potential piezoelectric effect of electrospun meshes on schwann cell morphology and neurite outgrowth

Müller, Carina (M.Sc.): Struktur und Funktion von Stressgranula in Motoneuron-Erkrankungen

Bachelorarbeiten

Dehus, Janina (B.Sc.): Intrazelluläre Lokalisation des Survival of Motoneuron (SMN) Proteins in neuronalen Zellen

Dragon, Anna (B.Sc.): Dipeptide Repeat Proteins bei der Amyotrophen Lateralsklerose

Kummerfeld, Delf-Magnus (B.Sc.): The influence of FGF-2 on the Wnt/beta-catenin pathway during dopaminergic neuron development in vitro

Schade, Sophie Kristin (B.Sc.): Influence of Wnt-signaling on neuronal proliferation and differentiation

Vogt, Nikolaus (B.Sc.): Die Rolle des survival of motor neuron Proteins (SMN) bei der Retinsäure-abhängigen neuronalen Differenzierung

Institut für Zellbiologie im Zentrum Anatomie – 4130

Originalpublikationen

Andruszkow J, Groos S, Klaus C, Schneider U, Petersen C, Gassler N, Knüchel R, Luciano L. Loss of gap junctions in biliary atresia occurs simultaneously with declined expression of Protein kinase C α . *Z Gastroenterol* 2015;53(01):A1_33

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Kubis HP, Scheibe RJ, Decker B, Hufendiek K, Hanke N, Gros G, Meissner JD. Primary skeletal muscle cells cultured on gelatin bead microcarriers develop structural and biochemical features characteristic of adult skeletal muscle *Cell Biol Int* 2016;40(4):364-374

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Promotionen

Bargsten, Anna (Dr. med.): Das BAR-Domäne-Protein Bin1 / Amphiphysin 2 im Kortex der Rattenniere
MHH-Signatur: D 80038

Hauser, Julian Till (Dr. med.): Coalescence of B-cell receptor and invariant chain-MHC II in a raft-like membrane domain
MHH-Signatur: D 80204

Wittrock, Inga-Mayte (Dr. med.): Das BAR-Domäne-Protein Bin1 im Proximalen Tubulus der Niere
MHH-Signatur: D 80255

Zentrum Physiologie

Institut für Molekular- und Zellphysiologie – 4210

Originalpublikationen

Claassen L, Papst S, Reimers K, Stukenborg-Colsman C, Steinstraesser L, Vogt PM, Kraft T, Niederbichler AD. Transdermal Nicotine Application Attenuates Cardiac Dysfunction after Severe Thermal Injury. *Biomed Res Int* 2015;2015:292076

Kubis HP, Scheibe RJ, Decker B, Hufendiek K, Hanke N, Gros G, Meissner JD. Primary skeletal muscle cells cultured on gelatin bead microcarriers develop structural and biochemical features characteristic of adult skeletal muscle *Cell Biol Int* 2016;40(4):364-374

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Promotionen

Plüß, Marlene (Dr. med.): Cellular phenotyping of human heart disease structural and functional changes in dilated cardiomyopathy
MHH-Signatur: D 80280

Bachelorarbeiten

Reich, Stella Louise (B.Sc.): Etablierung einer quantitativen PCR zur allelischen Diskriminierung der MYH7-Expression

Institut für Neurophysiologie – 4230

Originalpublikationen

Alekov AK. Mutations associated with Dent's disease affect gating and voltage dependence of the human anion/proton exchanger ClC-5. *Front Physiol* 2015;6:159

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Holst K, Guseva D, Schindler S, Sixt M, Braun A, Chopra H, Pabst O, Ponimaskin E. The serotonin receptor 5-HT(7)R regulates the morphology and migratory properties of dendritic cells. *J Cell Sci* 2015;128(15):2866-2880

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Ronstedt K, Sternberg D, Detro-Dassen S, Gramkow T, Begemann B, Becher T, Kilian P, Grieschat M, Machtens JP, Schmalzing G, Fischer M, Fahlke C. Impaired surface membrane insertion of homo- and heterodimeric human muscle chloride channels carrying amino-terminal myotonia-causing mutations. *Sci Rep* 2015;5:15382

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Abstracts

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Promotionen

Holst, Katrin (Dr. rer. nat.): Regulatory functions of 5-HT 7 R signaling in dendritic cell morphology and migratory behavior
MHH-Signatur: D 80275

Weinberger, Sebastian (Dr. med.): Die Charakterisierung der Myotonia Congenita verursachenden Mutationen C277R und C277Y des humanen ClC-1 Chloridkanals
MHH-Signatur: D 80314

Wirth, Alexander (Dr. rer. nat.): Serotonin-dependent regulation of small GTPases in neurons molecular mechanisms and functional implications
MHH-Signatur: D 80262

Masterarbeiten

Müller, Franziska (M.Sc.): Role of serotonergic signalling in regulating the interplay between astrocyte morphology and the calcium activity

Bachelorarbeiten

Kovalchuk, Elena (B.Sc.): Einfluss krankheitsverursachender Mutationen in der akzessorischen Untereinheit Barttin auf die Lokalisation des renalen Anionen/Protonenaustauschers ClC-5

Schaal, Christina (B.Sc.): Elektrophysiologische und biochemische Untersuchung zum Einfluss N-terminaler Barttinmutationen auf die Funktion von CLC-K-Chloridkanälen

Scheeder, Simon (B.Sc.): Funktionelle Auswirkung genetischer Mutationen im CLCN4-Gen, die mit Epilepsie und geistiger Behinderung assoziiert sind

Zentrum für Biochemie

Institut für Biophysikalische Chemie – 4350

Originalpublikationen

Abbey M, Hakim C, Anand R, Lafera J, Schambach A, Kispert A, Taft MH, Kaever V, Kotlyarov A, Gaestel M, Menon MB. GTPase domain driven dimerization of SEPT7 is dispensable for the critical role of septins in fibroblast cytokinesis. *Sci Rep* 2016;6:20007

Anand R, Eschenburg S, Reubold TF. Crystal structure of the GTPase domain and the bundle signalling element of dynamin in the GDP state *Biochem Biophys Res Commun* 2016;469(1):76-80

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Lee C, Wigren E, Trcek J, Peters V, Kim J, Hasni MS, Nimtz M, Lindqvist Y, Park C, Curth U, Lunsdorf H, Romling U. A novel protein quality control mechanism contributes to heat shock resistance of worldwide-distributed *Pseudomonas aeruginosa* clone C strains *Environ Microbiol* 2015;17(11):4511-4526

Lohöfener J, Steinke N, Kay-Fedorov P, Baruch P, Nikulin A, Tishchenko S, Manstein DJ, Fedorov R. The Activation Mechanism of 2'-5'-Oligoadenylate Synthetase Gives New Insights Into OAS/cGAS Triggers of Innate Immunity Structure 2015;23(5):851-862

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Reubold TF, Faelber K, Plattner N, Posor Y, Ketel K, Curth U, Schlegel J, Anand R, Manstein DJ, Noe F, Haucke V, Daumke O, Eschenburg S. Crystal structure of the dynamin tetramer. Nature 2015;525(7569):404-408

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Mansson A, Rassier D, Tsiavaliaris G. Poorly understood aspects of striated muscle contraction. Biomed Res Int 2015;2015:245154

Winterhoff M, Faix J. Actin-filament disassembly: it takes two to shrink them fast Curr Biol 2015;25(11):R450

Promotionen

Anand, Roopsee (PhD M.Sc. Biomedical Sciences): Characterization of dynamins in complex with small molecule effectors and protein interaction partners

MHH-Signatur: D 80153

Hundt, Nikolas (Dr. rer. nat.): Isoform-specific actomyosin interactions in non-muscle cells
MHH-Signatur: D 80161

Lohöfener, Jan (Dr. rer. nat. M.Sc. Biochemistry): Structure-function relationships in innate immunity nucleic acid sensing by 2'-5'-oligoadenylate synthetase 1
MHH-Signatur: D 79779

Pathan-Chhatbar, Salma (PhD Biochemistry M.Sc. Biochemistry): Isoform-dependent interactions in non-muscle actin-tropomyosin-myosin complexes
MHH-Signatur: D 80113

Rajendraprasad, Girish (PhD Biochemistry M.Sc. Biomedical Genetics): Targeting mechanisms and regulation of myosin-1 functions at the membrane-cytoskeleton interface
MHH-Signatur: D 80115

Institut für Klinische Biochemie – 4340

Originalpublikationen

Arndt T, Wedekind D, Jörns A, Tsiavaliaris G, Cuppen E, Hedrich HJ, Lenzen S. A novel Dock8 gene mutation confers diabetogenic susceptibility in the LEW.1AR1/Ztm-iddm rat, an animal model of human type 1 diabetes. Diabetologia 2015;58(12):2800-2809

Diekmann U, Naujok O. Generation and Purification of Definitive Endoderm Cells Generated from Pluripotent Stem Cells Methods Mol Biol 2016;1341:157-172

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Gurgul-Convey E, Kaminski MT, Lenzen S. Physiological characterization of the human EndoC-betaH1 beta-cell line. Biochem Biophys Res Commun 2015;464(1):13-19

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Jörns A, Ertekin UG, Arndt T, Terbisch T, Wedekind D, Lenzen S. TNF-alpha Antibody Therapy in Combination With the T-Cell-Specific Antibody Anti-TCR Reverses the Diabetic Metabolic State in the LEW.1AR1-iddm Rat. Diabetes 2015;64(8):2880-2891

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Naujok O, Diekmann U, Elsner M. Gene Transfer into Pluripotent Stem Cells via Lentiviral Transduction Methods Mol Biol 2016;1341:67-85

Übersichtsarbeiten

Lenzen S, Jörns A. Blick in die Forschung: Realistische Perspektive auf Heilung. Dtsch Arztebl 2015;111(112):24-25

Bachelorarbeiten

Budde, Insa (B.Sc.): Einfluss von BMP- und Wnt-Inhibitoren sowie Retinsäure auf die Vorderdarmentwicklung von aufgereinigtem definitiven Endoderm

Schön, Kathleen (B.Sc.): Charakterisierung endodermaler Subpopulationen generiert aus humanen embryonalen Stammzellen

Institut für Physiologische Chemie – 4310

Originalpublikationen

Abbey M, Hakim C, Anand R, Lafera J, Schambach A, Kispert A, Taft MH, Kaever V, Kotlyarov A, Gaestel M, Menon MB. GTPase domain driven dimerization of SEPT7 is dispensable for the critical role of septins in fibroblast cytokinesis. Sci Rep 2016;6:20007

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MHH-Signatur: D 80127

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Boukouris, Aristedis (Dr. med.): Molecular mechanisms of PI3KmTOR-targeted therapies in Hepatocellular Carcinoma
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Cieplik, Natascha Katharina (Dr. med.): Endoskopische Untersuchungen bei Patienten vor und nach Lungen- und Herztransplantation Besonderheiten und Komplikationen
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Hardtke-Wolenski, Matthias (PD Dr. rer. nat.): Untersuchung zur Immunregulation bei Autoimmunerkrankungen und in der Transplantation
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Klöpper, Anja (Dr. med.): Role of sodiumhydrogen exchanger isoforms NHE1, NHE2, and NHE3 in gastrointestinal restitution
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Owusu Sekyere, Solomon (PhD MMed.Sc.): The role of co-regulatory receptors in the regulation of virus-specific CD8 T cells in patients with chronic hepatitis C
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Schirmer, Paul (Dr. med.): Generierung und Charakterisierung eines p53-abhängigen feed forward Mechanismus in onkolytischen Adenoviren
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Schumacher, Anja (Dr. rer. nat. M.Sc. Biochemistry): Investigations on therapy of solid tumors by viroimmunotherapy and immune checkpoint inhibition
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Taranta, Andrzej (PhD M.Sc. Biology): The role of intrahepatic hepadnaviral nucleic acids in Hepatitis B virus infection in humans
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Ureche, Cristina-Ileana (PhD M.Sc. Biological Chemistry): Redirecting oncolytic adenovirus-specific T cells by a tumor-specific T cell receptor for therapy of solid tumors
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Xia, Weiliang: Regulation and functional significance of HCO 3 - transporters of the Slc4 and Slc26 family in mucosal protection, mucus layer build-up and small intestinal fluid absorption in the murine intestine in vivo
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Zhang, Shihong (PhD Immunology): Hepatitis C virus specific CD8+ T cells in seronegative individuals implications for vaccination outcome and immunodominance
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Habilitationen

Mederacke, Ingmar (PD Dr. med.): Die Rolle hepatischer Sternzellen in der Fibrogenese
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Pischke, Sven (PD Dr. med.): Hepatitis E bei Immunsupprimierten in Deutschland
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Wirth, Thomas (PD Dr. med.): Untersuchungen zur Therapie von soliden Tumoren mit telomerase-spezifisch replizierenden Adenoviren
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Human, Christin Elisa (Dr. rer. nat.): Biomarker in Urin und Blutplasma zur Früherkennung und Diagnose von Graft-versus-Host Disease (GvHD) in der Stammzelltransplantation
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Jyotsana, Nidhi (PhD): Genetic and nano-therapeutic interventions to understand and target myeloid leukemia
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Klimiankou, Maksim (PhD M.Sc. Biology): Novel defects in G-CSFR and its downstream signalling in CN patients
MHH-Signatur: D 80167

Samareh Abolhasani, Bardia (PhD M.Sc. Microbiology): NAMPT-dependent cytokine-triggered mechanisms of myelopoiesis
MHH-Signatur: D 80168

Siebke, Antje (Dr. med.): Expression von mRNA verschiedener Proteasen und Rezeptoren aus Neuroblastom- und Hepatoblastomzellen und deren Bedeutung für die Pathogenese thromboembolischer Komplikationen im Kindesalter
MHH-Signatur: D 79997

Struckmeyer, Jan Philipp (Dr. med. dent.): Korrelationen zwischen F-XIII-Mangel und klinisch manifesten Blutungen, dem Auftreten von akuten oder chronischen Wundheilungsstörungen und Erfolg der Therapien
MHH-Signatur: D 80062

Habilitationen

Trummer, Arne Rainer (PD Dr. med.): Extrazelluläre Mikrovesikel Midiatoren zwischen Hämostase- und Immunsystem und ihre Rolle in der Stammzell- und Organtransplantation
MHH-Signatur: D 80192

Institut Experimentelle Hämatologie – 6960

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Habilitationen

Lachmann, Nico (PD Dr. rer. nat. M.Sc.): Pluripotent- and multipotent-stem cell derived hematopoietic cells and their use for regenerative therapies

MHH-Signatur: D 80197

Promotionen

Ackermann, Mania Katharina (Dr. rer. nat. M.Sc. Biochemistry): Improved lentiviral transgene expression in pluripotent stem cells utilizing Ubiquitous Chromatin Opening Elements (UCOEs)

MHH-Signatur: D 79796

Alzu'bi, Jamal (PhD M.Sc.): Functional correction of X-SCID by targeted gene editing in pluripotent stem cells
MHH-Signatur: D 80142

Brennig, Sebastian (Dr. rer. nat. M.Sc.): Gene transfer of cytidine deaminase (CDD) and multidrug resistance 1 gene (MDR1) for improved myeloprotection and in vivo selection in hematopoietic stem cell gene therapy
MHH-Signatur: D 80114

Dreyer, Anne-Kathrin (Dr. rer. nat. Dipl. Biol.): Functional correction of X-CGD patient-derived induced pluripotent stem cells by targeted genome editing
MHH-Signatur: D 80144

Ha, Teng Cheong (Dr. rer. nat. M.Sc. Bioscience and Biotechnology): Discovery of genes enhancing the competitive fitness of hematopoietic cells
MHH-Signatur: D 80129

Labenski, Verena (Dr. rer. nat.): Establishment of a clinically applicable stable packaging cell line for alpharetroviral SIN vectors
MHH-Signatur: D 80247

Rahman, Shamim Herbert (Dr. rer. nat.): Zinc-finger nuclease-mediated correction of the cellular RS-SCID phenotype
MHH-Signatur: D 80048

Schott, Juliane Wilhelmine (Dr. rer. nat.): Improvement of retroviral episome transfer to achieve induced cell fate conversion
MHH-Signatur: D 79791

Masterarbeiten

Manthe, Kristina (M.Sc.): Lentiviral Reporter Constructs for Hematopoietic Differentiation of Human Pluripotent Stem Cells

Sens, Johanna (M.Sc.): Untersuchung des Einflusses von Promotorkonfiguration und Integrationsort auf das epigenetische Silencing von retroviralen Vektoren während der Reprogrammierung

Bachelorarbeiten

Meinecke, Robert (B.Sc.): Hämatopoetische Gentherapie von Ifngr1 defizienter "Mendelian Susceptibility to Mycobacterial Disease" (MSMD)

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Augustynik, Michael (Dr. med.): Extrinsic notch ligand delta-like 1 regulates tip cell selection and vascular branching morphogenesis
MHH-Signatur: D 80334

Brod, Torben (Dr. med.): Myeloid-derived growth factor (C19orf10) mediates cardiac repair following myocardial infarction
MHH-Signatur: D 80321

Dutzmann, Jochen (Dr. med.): Impact of STAT3 signaling on vascular smooth muscle cell proliferation and neointima formation
MHH-Signatur: D 80098

Kuschnerus, Kira (Dr. med.): Die Rolle des Bradykinins und des Kinin-B2-Rezeptors für die vaskuläre Rekrutierung zirkulierender regenerativer mononukleärer Zellen in der koronaren Herzerkrankung
MHH-Signatur: D 80254

Mertins, Ramona (Dr. med.): Vergleich der Biomarker NT-proBNP und GDF-15 ist GDF-15 NT-proBNP in der Beurteilung des rechten Systemventrikels bei Patienten mit Zustand nach Vorhofumkehroperation überlegen?
MHH-Signatur: D 80055

Reißmann, Bruno (Dr. med.): Spiroergometrische Leistungsparameter als Prädiktoren für ventrikuläre Tachykardien und Kammerflimmern bei Patienten mit implantiertem Kardioverter-Defibrillator
MHH-Signatur: D 80328

Scharf, Gesine Marie (Dr. med.): Highly specific detection of myostatin prodomain by an immunoradiometric sandwich assay in serum of healthy individuals and patients
MHH-Signatur: D 80252

Sieweke, Jan-Thorben (Dr. med.): Wirksamkeit der Mineralokortikoidrezeptorinhibition beim akuten Myokardinfarkt im Mausmodell Eplerenone- versus Spironolacton-Therapie
MHH-Signatur: D 80347

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MHH-Signatur: D 80070

Große, Katharina (Dr. med.): Autoantikörper gegen die schwere Kette des Ferritins bei Riesenzellarteritis und Polymyalgia rheumatica
MHH-Signatur: D 80039

Tufa, Dejene Milkessa (Dr. rer. nat.): Molecular mechanisms of crosstalk of human NK cells with 6-sulfo LacNAc dendritic cells and mesenchymal stem cells
MHH-Signatur: D 80225

Xanthouli, Panagiota (Dr. med.): Autoantikörper gegen Angio-associated-migratory-cell Protein bei Patienten mit systemischem Lupus erythematoses
MHH-Signatur: D 80315

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MHH-Signatur: D 80100

Promotionen

Bartels, Janina (Dr. med.): Deletion der Proteinkinase C Isoformen alpha und beta schützt vor diabetischen Nierenschäden im Mausmodell
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Behnert, Astrid (Dr. med.): The role of anti-phospholipase A2 receptor autoantibodies in membranous nephropathy
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Bhayana, Sagar (PhD Nephrology M.Sc. Biochemistry): The role of autophagy in senescence induction in the context of stress induced acute kidney injury
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Grinzoff, Nikolai (Dr. med.): Einfluss der Gabe von hochdosiertem, perioperativ appliziertem Erythropoietin auf die Funktionsaufnahme von Nierentransplantaten
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Krishnasamy, Kashyap Narayan (PhD M.Sc. Microbial Gene Technology): Regulation of macrophage maturation by Notch signalling
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Peukert, Konrad F. W. (Dr. med.): Charakterisierung peripherer invarianten natürlicher Killer-T-Zellen bei Niereninsuffizienz
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Schweer, Torben (Dr. med.): High impact of rejection therapy on the incidence of Post-Transplant-Diabetes mellitus (PTDM) after kidney transplantation
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Masterarbeiten

Baniassad, Bita: Mechanisms of hypoxia induced acute kidney injury (AKI) in different mouse strains

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Hoenecke, Johannes (Dr. med.): Klinische Präsentation und Langzeitverlauf des Hämolytisch Urämischen Syndroms im Kindesalter : eine retrospektive Analyse der Daten der Kinderklinik der Medizinischen Hochschule Hannover von 1979 bis 2011
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Knoch, Miriam Veronika (Dr. med.): Endotheliale Seneszenz genetische Prädisposition und Einfluss des Renin-Angiotensin-Aldosteron-Systems
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Pferdmenges, Diane Carola (Dr. med.): Prognosefaktoren für Lebererkrankungen bei Kindern und Jugendlichen durch Alpha1-Antitrypsinmangel (PiZZ) eine retrospektive Studie
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Böer, Ulrike (PD Dr. rer. nat.): Entwicklung einer bioartifiziellen Gefäßprothese und Charakterisierung ihres immunogenen Potentials in vitro und in vivo
MHH-Signatur: D 80199

Promotionen

Bakar, Mine (Dr. rer. nat. M.Sc.): Modulation of electrophysiological properties of stem cellderived bioartificial cardiac tissue by optogenetic stimulation
MHH-Signatur: D 80143

Bobylev, Dmitry (Dr. med.): Chirurgische Koronarrevaskularisation im akuten Myokardinfarkt
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Bruker, Claudio Raffael (Dr. med.): Langzeitergebnisse von im RVOT - implantierten Conduits und Prothesen bei erworbenen und angeborenen Herzfehlern
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Calistru, Alexandru Florin (Dr. med.): Orthotoper Aortenklappenersatz mittels Tissue-Engineerten Grafts
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Kempf, Henning (Dr. rer. nat. M.Sc.): Improving cardiomyogenic differentiation of human pluripotent stem cells by small molecules
MHH-Signatur: D 79798

Kokemohr, Pia (Dr. med.): Prognose und Verlauf nach isolierten Trikuspidalklappenoperationen : retrospektive Untersuchungen von Patienten mit einer isolierten Trikuspidalklappenoperation über einen Zeitraum von 14 Jahren (1996-2010)
MHH-Signatur: D 80268

Ostermann, Aaltje Karoline (Dr. med.): Langzeitergebnisse der operativen Therapie der simplen Aortenisthmusstenose in der Medizinischen Hochschule Hannover von 1968 - 2012
MHH-Signatur: D 80051

Reitz, Michael (Dr. med.): Risikofaktorenanalyse für postoperative Komplikationen nach total-arterieller Koronarrevaskularisation unter Verwendung von Arteria radialis-T-Grafts unter spezieller Berücksichtigung der chirurgischen Erfahrung des Operateurs
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MHH-Signatur: D 80074

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MHH-Signatur: D 80193

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Ahrberg, Marlene (Dr. med.): Vergleich verschiedener operativer Techniken in der Hypospadie-Korrektur an der Medizinischen Hochschule Hannover von 06/2002 bis 11/2011
MHH-Signatur: D 802267

Hennig, Mandy (Dr. med.): Evaluierung der Zufriedenheit nach minimalinvasiver Trichterbrustkorrektur mit der Nuss-Technik
MHH-Signatur: D 80231

Schneider, Mischa Moritz (Dr. med.): Pausen in der minimal invasiven Kinderchirurgie prospektiv randomisierte Studie zu den Auswirkungen auf Patienten und Chirurgen
MHH-Signatur: D 80071

Winterberg, Thomas (Dr. rer. nat.): Unique features of neonatal macrophages
MHH-Signatur: D 80069

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MHH-Signatur: D 80138

Promotionen

Ahmadli, Gulshan (Dr. med.): Die Untersuchung des Einflusses von extraterrestrischen Staubanaloga auf die menschliche Haut in einem ex-vivo Wundmodell
MHH-Signatur: D 80309

Altintas, Banu (Dr. med.): Die akute Wirkung der lokalen Kältetherapie bei oberflächlichen Verbrennungen auf die Schmerzintensität, in vivo Mikrozirkulation und Ödembildung
MHH-Signatur: D 80206

Deflize, Janine Christine Desiree (Dr. med.): Chemodenervation von trigeminalen Triggerpunkten mittels Botulinumtoxin : ein Vergleich zwischen erfolgreicher und erfolgloser Druckentlastung an Migränepatienten : eine multizentrische Untersuchung an 7225 Patienten
MHH-Signatur: D 80319

Hennecke, Kathleen (Dr. med.): Biomechanische Belastbarkeit von Nahtmaterial aus Spinnenseide
MHH-Signatur: D 80073

Ohm, Lea (Dr. med.): Wege der Apoptosereaktion in Fettgewebe Vergleich zweier Lösungen bei der Konservierung ex vivo bei 37°C
MHH-Signatur: D 80023

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MHH-Signatur: D 80087

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Habilitationen

Flörkemeier, Thilo (PD Dr. med.): Einfluss der Hüftkopfnekrose auf eine sich metaphysär verankernde Kurzschafprothese
MHH-Signatur: D 80134

Promotionen

Bobe, Katharina (Dr. rer. biol. hum.): In vitro und in vivo Evaluation von offen-poroes versus soliden Implantaten aus biodegradablem Magnesium
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Brandt, Mike (Dr. med.): Operative Therapie des symptomatischen Pes planovalgus Vergleichsstudie zum Outcome der extraartikulären Arthrodes nach GriceGreen und der Calcaneusverlängerungsosteotomie nach Evans
MHH-Signatur: D 80327

Gettmann, Andre (Dr. med.): Klinisch-radiologische Ergebnisse sowie Leistungs- und Sportfähigkeit nach humeralem Oberflächenersatz
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Hinken, Lukas (Dr. med.): Auswertung des Therapieerfolges der Kopforthesentherapie bei 1050 Patienten anhand digitaler dreidimensionaler Schädelaufnahmen unter Beachtung spezifischer Aspekte von lagebedingter Plagiocephalie und Brachycephalie
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Kley, Kristian (Dr. med.): Vergleich der dynamischen vs. statischen Rekonstruktion des medialen patellofemoralen Ligaments (MPFL) eine matched-pair Analyse
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Magdu, Stephan (Dr. med.): Biomechanische Untersuchungen zu intradiskalen Druckverhältnissen nach simulierter Fusion und dynamischem Bandscheibenersatz eine in vitro-Studie an der humanen polysegmentalen Halswirbelsäule
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Bachelorarbeiten

Spenst, Andreas (B.Sc.): Gestaltung und Prüfung eines biomechanisches Ersatzmodell der humanen Lendenwirbelsäule

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Gauselmann, Hannah (Dr. med.): Einfluss einer selektiven Blockade des IL-6-trans-signaling auf die posttraumatische Entzündungsreaktion in Alveolarmakrophagen in einem murinen Polytrauma-Modell
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MHH-Signatur: D 80080

Kirsch, Benita (Dr. med.): Diagnostik des stumpfen Herztraumas was können Troponin T und das Elektrokardiogramm leisten?
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Oks, Alexandra (Dr. med.): Steigerung der Migration von humanen stromalen Knochenmarkszellen in ein modifiziertes Kollagenhydrogel
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Qazzaz, Abdelrahman (Dr. med.): Wirbelfraktur nach Kyphoplastie eine retrospektive Studie
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Urner, Julia Angelika (Dr. med.): Der Einfluss des isolierten Schädel-Hirn-Traumas auf das Langzeit-Outcome - erste Ergebnisse einer 10-Jahres-Nachuntersuchungsstudie
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MHH-Signatur: D 80500

Peters, Inga (PD Dr. med.): DNA Methylierung und mRNA Expressionsveränderungen als potentielle molekulare Prognostikatoren und Prädiktoren des Nierenzellkarzinoms
MHH-Signatur: D 80117

Promotionen

Hupe, Marie Christine (Dr. med.): Lebensalter als Prognosefaktor bei malignen Nierentumoren eine zwei Jahrzehnte und 1538 Patienten umfassende retrospektive Studie
MHH-Signatur: D 80244

Ommer, Karl Josef (Dr. med.): Langzeitergebnisse zur Tumorkontrolle nach permanenter interstitieller 125 Jod-Brachytherapie als Monotherapie bei Patienten mit Prostatakarzinom
MHH-Signatur: D 80086

Klinik für Allgemein-, Viszeral- und Transplantationschirurgie – 6220

Originalpublikationen

Adam R, Karam V, Delwart V, Trunečka P, Samuel D, Bechstein WO, Němec P, Tisone G, Klempnauer J, Rossi M, Rummo OO, Dokmak S, Krawczyk M, Pratschke J, Kollmar O, Boudjemaa K, Colledan M, Ericzon BG, Mantion G, Baccarani U, Neuhaus P, Paul A, Bachellier P, Zamboni F, Hanvesakul R, Muijsen P, European Liver Intestine Transplant Association (ELITA). Improved survival in liver transplant recipients receiving prolonged-release tacrolimus in the European Liver Transplant Registry Am J Transplant 2015;15(5):1267-1282

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Abstract

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Habilitationen

Kleine, Moritz (PD Dr. med.): Spenderorganmangel für die Lebertransplantation klinische und experimentelle Ansätze zur Optimierung alternativen Behandlungsstrategien
MHH-Signatur: D 80137

Vondran, Florian W. R. (PD Dr. med.): Klinisch-experimentelle Ansätze zur Verbesserung der Allograft-Akzeptanz nach Nierentransplantation
MHH-Signatur: D 80123

Promotionen

Paroglou, Vagia (Dr. med. dent.): Die Langzeitergebnisse nach Pankreasoperation bei chronischer Pankreatitis zeigen ein besseres Überleben für die Patienten ohne Insulinabhängigkeit und mit Pankreasenzymersatztherapie
MHH-Signatur: D 80022

Yeyrek, Cemil (Dr. med.): Surgical treatment for intrahepatic cholangiocarcinoma in Europe a single center experience
MHH-Signatur: D 80083

Kliniken/Institute der Sektion II ohne Zentrumszuordnung

Klinik für Dermatologie, Allergologie und Venerologie – 6600

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MHH-Signatur: D 80059

Petrakakis, Ioannis (Dr. med.): Diagnostik, operative Therapie und postoperative Ergebnisse bei seltenen raumfordernden Prozessen der Sellaregion
MHH-Signatur: D 80239

Habilitationen

Mirzayan, Mohammad Javad (PD Dr. med.): Tierexperimentelle Untersuchungen zum Schädelhirntrauma
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Bauer, Katharina Thea Rosina (Dr. med.): Der Einfluss von Astrozyten auf die Remyelinisierung im Tiermodell für Multiple Sklerose
MHH-Signatur: D 80349

Degen, Diane (Dr. med.): Astrozyten regulieren die Phagozytose durch die Rekrutierung von Mikroglia in einem toxischen Tiermodell für Multiple Sklerose
MHH-Signatur: D 80068

Gropengießer, Karoline Lotta (Dr. med.): Einfluss von CDP-Cholin auf die Remyelinisierung eine tierexperimentelle Studie im Cuprizonemodell
MHH-Signatur: D 80306

Marten, Melanie (Dr. med.): Retrospektive Analyse der Ergebnisse der intravenösen und intraarteriellen Thrombolysetherapie bei ischämischen Schlaganfall an einem Patientenkollektiv der Neurologischen Klinik der Medizinischen Hochschule Hannover
MHH-Signatur: D 80360

Salinas Tejedor, Laura (PhD): Central nervous system regeneration approach in the toxic cuprizone model of de- and remyelination application of mesenchymal stem cells

Schlegel, Caroline (Dr. med.): S1P-Rezeptor-abhängige Astrozytenfunktionen und ihre Modulation durch FTY720 (Fingolimod, Gilenya®)
MHH-Signatur: D 80342

Schwenkenbecher, Philipp (Dr. med.): Die Bedeutung von Liquorverlaufsuntersuchungen bei Patienten mit Kryptokokken-Meningoenzephalitis
MHH-Signatur: D 80058

Sojref, Faina (Dr. med.): Chronische Müdigkeit und Schlafstörungen bei Hepatitis C Infizierten mit leicht ausgeprägter Lebererkrankung
MHH-Signatur: D 80253

Yildiz, Oezlem (Dr. med.): Identifikation von Wachstumsfaktoren bei experimentell induzierter De- und Remyelinisierung im Cuprizone-Modell
MHH-Signatur: D 80061

Bachelorarbeiten

Kip, Ahlke (B.Sc.): Are instructions sufficient? Task switching under uncertainty

Steinke, Alexander (B.Sc.): Reducing residual switch costs by manipulating response- and task-set-level proactive interference

Zentrum für Seelische Gesundheit

Klinik für Psychiatrie, Sozialpsychiatrie und Psychotherapie – 7110

Originalpublikationen

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Szycik, Gregor Rafael (PD Dipl.Psych. Dr. rer. nat.): Synästhesie - die Spitze des Eisberges sensorischer Defizite
MHH-Signatur: D 80133

Promotionen

Heinze, Dirk (Dr. med.): Lebensqualität und körperliche Leistungsfähigkeit bei Patienten mit Schizophrenie
MHH-Signatur: D 80283

Hoffer, Niklas (Dr. med.): Aktiv aus dem Stimmungstief - Sport in der Behandlung von Depressionen unter dem Gesichtspunkt der Selbstwirksamkeitserwartung
MHH-Signatur: D 80371

Klockow, Anja (Dr. med.): Emotionaler Gehalt und Imaginierbarkeit von Wörtern : Einfluss auf neurophysiologische Gedächtnisparameter bei Stimmungsinduktion
MHH-Signatur: D 80274

Schura, Richard Christian (Dr. med. dent.): Veränderung des Zigarettenkonsums bei Soldaten der Bundeswehr im Auslandseinsatz
MHH-Signatur: D 80013

Vogelsang, Katja (Dr. med.): Systematische Darstellung und empirische Untersuchung zur Symptomatologie und Häufigkeit sexueller Funktionsstörungen bei Frauen
MHH-Signatur: D 80093

Wilhelm, Monika Josefine (Dr. rer. biol. hum.): Depressives Erleben : Phänomenologie und Prägnanztypen
MHH-Signatur: D 80065

Arbeitsbereich Klinische Psychologie in der Klinik für Psychiatrie, Sozialpsychiatrie und Psychotherapie – 7180

Originalpublikationen

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Promotionen

Vogelsang, Katja (Dr. med.): Systematische Darstellung und empirische Untersuchung zur Symptomatologie und Häufigkeit sexueller Funktionsstörungen bei Frauen
MHH-Signatur: D 80093

Masterarbeiten

Groß, Natalie (M.Sc.): Affektive Aspekte bei Frauen mit Hypersexualität

Klinik für Psychosomatik und Psychotherapie – 7160

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MHH-Signatur: D 80340

Promotionen

Georgiadou, Ekaterini (Dr. rer. biol. hum.): Kognitive Funktionen bei adipösen Patienten/innen
MHH-Signatur: D 80272

Kunke, Wibke (Dr. med.): Untersuchung des Zusammenhangs zwischen somatischer Komorbidität und Exekutivfunktionen bei extrem adipösen Patienten
MHH-Signatur: D 80017

Voth, Eva Malenka (Dr. med.): Reaktives und regulatives Temperament bei Patienten mit pathologischem Kaufen und einer nicht-klinischen Kontrollgruppe Selbsterhebungsinstrumente und neurokognitive Performanz
MHH-Signatur: D 80273

Wos, Katharina (Dr. med.): Der Zusammenhang zwischen exzessivem Sporttreiben und Essstörungssymptomen, depressiven Symptomen, der Aufmerksamkeitsdefizit-Hyperaktivitätsstörung und Persönlichkeitsvariablen
MHH-Signatur: D 80026

Zentrum Augenheilkunde, Hals-Nasen-Ohren-Heilkunde, Phoniatrie und Pädaudiologie

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Neben, Nicole (Dr. rer. biol. hum.): Eine neue auf MP3 000TM basierende Forschungskodierungsstrategie zur verbesserten Wahrnehmung von Zwischentönen
MHH-Signatur: D 80025

Reinke, Sabrina Kristin (Dr. med.): Grundlage zur systematischen Einordnung der Hör-Sprachentwicklung bei Kindern nach CI-Versorgung
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Abteilung Experimentelle Otologie – 8891

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MHH-Signatur: D 80027

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MHH-Signatur: D 80091

Vu, Hoang Viet-Ha Julius (Dr. med. dent.): Effekte bei der Behandlung der Klasse II2 mit einer vollständig individuellen lingualen Apparatur in Kombination mit einer Herbst-Apparatur

MHH-Signatur: D 80081

Masterarbeiten

Akopyan, Yanina (M.Sc. Lingual Orthodontics): The effect of laboratory transfer-hole technology on finishing stages of treatment with a completely customized lingual appliance

MHH-Signatur: D 80145

Ilse, Anika (M.Sc. Lingual Orthodontics): Vergleich zwischen labialen und lingualen Multibracket-Apparaturen

MHH-Signatur: D 80146

Jilek, Theresa (M.Sc. Lingual Orthodontics): Skeletal and dental changes of Herbst treatment in combination with a completely customized lingual appliance in Class II division 1 malocclusions

MHH-Signatur: D 80148

Łoza-Soltyk, Katarzyna (M.Sc. Lingual Orthodontics): Relevance of Bolton index analysis and Setup for precision of treatment outcome with a completely customized lingual appliance

MHH-Signatur: D 80147

Pauls, Alexander (M.Sc. Lingual Orthodontics): Therapeutic accuracy of the completely customized lingual appliance WIN

MHH-Signatur: D 80149

Klinik für Mund-, Kiefer- und Gesichtschirurgie – 7720

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Abstract

Kokemüller H, Zimmerer R, Rana M, Steigenberger C, Rahlf B, Eisenburger M, Pott PC, Gellrich NC. Kombination von präprothetischer Rückwärtsplanung, Dysgnathiechirurgie und Trajektorien-gestützter Navigation zur Optimierung von Bailout-Konzepten in der dentalen Implantologie. 65. Jahreskongress der DGMKG, 10.-13.Juni 2015, Stuttgart

Habilitationen

Rana, Majeed (PD Dr. Dr.): Computerassistierte Planung und Chirurgie zur Therapieoptimierung von Tumoren des Kiefer- und Gesichtsbe- reiches
MHH-Signatur: D 80104

Promotionen

Buhr, Ines (Dr. med. dent.): Vollautomatisierte Erkennung biometrischer Landmarken des Gesichtes in 3D-Bildgebung
MHH-Signatur: D 80261

Kirn, Marcia Katharina (Dr. med. dent.): Der keratozystisch odontogene Tumor (KZOT) eine retrospektive Auswertung des Hannoveraner Patientenguts von 1991 bis 2010
MHH-Signatur: D 80090

Meyer, Sarina Kristin (Dr. med. dent.): Symmetrien und Asymmetrien des Mittelgesichtes
MHH-Signatur: D 80240

Schmeltekop, Friederike (Dr. med. dent.): In vivo Vergleich der initialen Vaskularisierung von Tissue Engineering-Konstrukten bei hypertonen und gesunden Mäusen im Modell der chronischen Rückenhautkammer
MHH-Signatur: D 80324

Schürmans, Jan Gerrit (Dr. med. dent.): Entwicklung einer neuen Methodik zur semiautomatisierten Rekonstruktion uni- und bilateralen Defekte des Mittelgesichts
MHH-Signatur: D 80295

Stankovic, Nebojsa (Dr. med. dent.): Diagnostik und Therapie der bisphosphonat-assoziierten Osteonekrose des Kiefers eine retrospektive Studie
MHH-Signatur: D 80046

Stübner, Matthias (Dr. med. dent.): Retrospektive Analyse Einsatzrelevanter Verletzungen und Erkrankungen von Soldaten der Bundeswehr in den Regionen Kopf, Gesicht und Hals
MHH-Signatur: D 80215

Voß, André (Dr. med. dent.): Hitze-Schock-Vorbehandlung von Osteoblasten auf Tissue-Engineering-Konstrukten intravitale fluoreszenzmikroskopische Untersuchung zur Überlebensrate und frühen angiogenen Reaktion im Rückenhautkammermodell der Maus
MHH-Signatur: D 80002

Wiedemann, Insa Kristin (Dr. med. dent.): Die Crista zygomaticoalveolaris des Menschen unter besonderer Berücksichtigung ihrer Eignung als Spenderregion bei der Gewinnung von intraoralen Knochentransplantaten
MHH-Signatur: D 80063

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Buhr, Hendrik Robert (Dr. med. dent.): In-vitro-Untersuchung zum Randschlussverhalten viergliedriger Seitenzahnbrücken aus Zirkonium-dioxid in Abhängigkeit vom Herstellungsverfahren
MHH-Signatur: D 80008

Grade, Sebastian (Dr. rer. nat.): Die antibakterielle Aktivität und Zytotoxizität von Silber-Gold-Kolloiden in vitro
MHH-Signatur: D 80057

Jakobi, Meike Luise (Dr. med. dent.): Periimplantäre und parodontale Mikrobiota bei Patienten mit und ohne klinische Anzeichen von Entzündungen
MHH-Signatur: D 80317

Schaumann, Simone (Dr. med. dent.): Pyrosequencing of supra- and subgingival biofilms from inflamed peri-implant and periodontal sites
MHH-Signatur: D 80078

Scheffel, Stephanie Patricia Claudia (Dr. med. dent.): Einfluss von Material und Herstellungsverfahren auf die Belastbarkeit von Brücken aus Zirkoniumdioxidkeramik im Vergleich zu Metallkeramik
MHH-Signatur: D 80245

Wulferding, Rieke Dorothea (Dr. med. dent.): Therapeutische und Ökonomische Aspekte bei der Behandlung von gesetzlich versicherten Patienten mit kramiomandibulären Dysfunktionen
MHH-Signatur: D 80042

Klinik für Zahnerhaltung, Parodontologie und Präventive Zahnheilkunde – 7740

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MHH-Signatur: D 80162

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Alberici Martins, Caroline (Dr. med. dent.): Dentale Traumata und die Anwendung von Bisphosphonaten Untersuchung der Wirkung von Alendronat auf die Osteoklastogenese
MHH-Signatur: D 80082

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MHH-Signatur: D 80157

Promotionen

Bäumker, Ines Lena (Dr. med.): Influence of the sevoflurane concentration on the occurrence of epileptiform EEG patterns
MHH-Signatur: D 80250

Eckhardt, Jan Sören (Dr. med.): Kritische retrospektive Analyse zur elektiven Anwendung des "Esophageal Tracheal Combitube" als Mittel zur Sicherung der Atemwege bei Narkosen
MHH-Signatur: D 80016

Mahn, Alexandra (Dr. med.): Schmerzmittelgebrauch durch Marathonläufer und die dadurch bedingte Veränderung der Inzidenz von kardiovaskulären, gastrointestinale und muskuloskelettale Nebenwirkungen
MHH-Signatur: D 80359

Probst, Matthias Rüdiger (Dr. med.): Einfluss von Applikationsform, EEG-Monitoring, Geschlecht und Alter auf den Propofolverbrauch bei intravenöser Anästhesie
MHH-Signatur: D 80072

Salger, Michaela (Dr. med.): Einfluss von Mycophenolat (MPA) auf die Aktivität der Phagozytose und des Respiratory Burst neutrophiler Granulozyten und Monozyten
MHH-Signatur: D 80243

Schaland, Matthias (Dr. med.): Allogene Erythrozytenkonzentrate und ihr Einfluss auf die Zytokinfreisetzung im menschlichen Vollblut in vitro
MHH-Signatur: D 79998

Stabsstelle für Interdisziplinäre Notfall- und Katastrophenmedizin – 9050

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Promotionen

Feurstein, Simone Kristina (Dr. med.): Haploinsuffizienz von ETV6 und CDKN1B bei Patienten mit akuter myeloischer Leukämie und komplexem Karyotyp
MHH-Signatur: D 80258

Schneider, Kai Insa (Dr. med.): Patient compliance based on genetic medicine a literature review
MHH-Signatur: D 80034

Masterarbeiten

Reich, Nicole (M.Sc.): Regulation der Genexpression durch die epigenetisch regulierte miR-129-5p im hepatzellulären Karzinom

Roch, Lisa-Marie (M.Sc.): Untersuchung von Mechanismen zur chromosomal Instabilität

Bachelorarbeiten

Hoffmann, Leonie (B.Sc.): Epigenetische Regulation von miR-129-5p und ihre Auswirkungen auf die ETV1 Genexpression im hepatzellulären Karzinom

Petkidis, Anthony (B.Sc.): Mutationsanalyse von GT198 bei BRCA1/2-negativen Brustkrebspatientinnen aus Familien mit hohem Brustkrebsrisiko

Rood, Melanie (B.Sc.): Mutationsanalyse von PSMC3IP bei BRCA1/2-mutationsnegativen Hochrisiko-Patientinnen für erblichen Brust- und Eierstockkrebs (HBOC)

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Institut für Rechtsmedizin – 5500

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Promotionen

Heine, Josephin (Dr. med.): Gewalt gegen den Hals retrospektive Analyse körperlicher Untersuchungen nach überlebter komprimierender

Gewalteinwirkung gegen den Hals (2004 -2008)
MHH-Signatur: D 80217

Hinneburg, Laura Marie (Dr. med.): Todesfälle bei Verdacht auf ärztliche Behandlungsfehler rechtsmedizinische und strafrechtliche Aspekte : eine retrospektive Analyse anhand des Obduktionsguts der Jahrgänge 1996 - 2000 der Außenstelle Oldenburg des Instituts für Rechtsmedizin der Medizinischen Hochschule Hannover
MHH-Signatur: D 80341

Läer, Katharina-Mathilde Christa (Dr. rer. nat.): Der Plötzliche Kindstod: Untersuchung von genetischen Polymorphismen im Zusammenhang mit der Atmungsregulation und der Synthese von Adenosintriphosphat
MHH-Signatur: D 80050

Institut für Zell- und Molekularpathologie – 5120

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Institut für Pharmako- und Toxikogenomikforschung – 9646

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Braun Exner, Lousia (Dr. med.): Einfluss von Adipositas und Gewichtsreduktion auf Progranulin, PEDF, Betatrophin und Adipolin
MHH-Signatur: D 80209

Friggemann, Nadine (Dr. med.): Rolle des Cannabinoidrezeptors Typ 1 für den Energiestoffwechsel humaner Adipozyten
MHH-Signatur: D 80297

Hegemann, Katrin (Dr. med.): Sympathikusaktivität und Kreislaufreflexe bei Patienten mit intrakorporal implantierten Herzunterstützungssystemen im Vergleich zu gesunden Probanden
MHH-Signatur: D 80030

Masterarbeiten

Hanff, Erik (M.Sc.): Einfluss von Leistungssport auf die Blutkonzentration von Homoarginin, Guanidinoacetat und Arginin: Analytik, Biochemie, Physiologie und Pharmakologie

Institut für Pharmakologie – 5320

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Beckert, Christoph (Dr. med.): Enzymkinetische Analysen der humanen löslichen Adenylylzyklase
MHH-Signatur: D 80092

Czerner, Christoph Pascal (Dr. med.): Untersuchungen zur Funktion von Histamin auf murinen Makrophagen
MHH-Signatur: D 80205

Kinast, Liz (Dr. med.): Adenylylzyklase-Regulation an B103-Neuroblastomzellen, einem Modell für das Lesch-Nyhan-Syndrom
MHH-Signatur: D 80397

Kleine, Robin Georg (Dr. med.): Einfluss von Histamin H1- und H4-Rezeptor-Antagonisten auf die Aktivierung von CD4+ T-Lymphozyten im Rahmen der allergischen Atemwegsentzündung der Maus
MHH-Signatur: D 80329

Reinartz, Michael Thomas (Dr. rer. nat.): Molekulare, physiologische und pathophysiologische Analyse des [beta] 2-Adrenorezeptors
MHH-Signatur: D 80223

Schenk, Heiko Joachim (Dr. med.): Charakterisierung des Einflusses von Histamin auf die Funktion von murinen dendritischen Zellen
MHH-Signatur: D 80343

Masterarbeiten

Popoff, Alexander (M. Sc. Biochemie): Inhibitoren der Synthese von zyklischem Guanosinmonophosphat-Adenosinmonophosphat (cGAMP) als potentielle Wirkstoffe bei Autoimmunerkrankungen

Wunschel, Eva (M. Sc. Biochemie): Untersuchung der Rolle des Histamin H4-Rezeptors bei der TNBS-induzierten Colitis im Mausmodell

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Promotionen

Schulze, Sebastian (Dr. med.): Design eines intraaxonalen Transporters auf Grundlage von clostridiellen Neurotoxinen
MHH-Signatur: D 80292

Masterarbeiten

Barschke, Peggy (M.Sc. Biomedizin): Entwicklung von MRM-Methoden für Plasmaproteine zur Verwendung als potentielle kardiale Biomarker

Birgin, Gurbet (M.Sc. Biomedizin): LC-MC-basierte Untersuchungen zur Wirkung der großen clostridialen Glukosylierenden Toxine

Herkt, Markus (M.Sc. Biomedizin): Quantification of therapeutic oligonucleotides using MALDI-TOF mass spectrometry

Bachelorarbeiten

Jahn, Christopher (B.Sc. Biochemie): Hemmung der zytopatischen Wirkungen von Clostridium sordellii letalem Toxin durch JNK Inhibitor II

Prester, Andreas (B.Sc. Biochemie): Untersuchung der enzymatischen Hydrolyse von Syntaxin 1A aus Rattus norvegicus durch Botulinum Neurotoxin C

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Blume, Jonas Per (Dr. rer. nat. M.Sc. Biochemie): Physiological and pathophysiological mechanisms of lymphocyte differentiation the role of microRNA and development of a novel humanized mouse model
MHH-Signatur: D 80130

Regelin, Malte (Dr. rer. nat. Dipl.-Biochem.): miRNA / Transcription Factor Networks in Hematopoiesis
MHH-Signatur: D 79794

Sandrock, Inga (Dr. rer. nat.): A new mouse model to investigate [gamma delta] T cell development and function
MHH-Signatur: D 80121

Schreder, Alina (Dr. rer. nat. M.Sc.): Lack of donor-derived IL-17A and IL-17F accelerates graft-versus-host disease by alteration of recipient's intestinal barrier
MHH-Signatur: D 80128

Zheng, Xiang (Dr. med.): Low mitochondrial priming in combination with T cell exhaustion allows cardiomyocyte survival in heart transplantation
MHH-Signatur: D 80300

Masterarbeiten

Meier, Sascha Pascal (M. Sc.): Differential cellular sources of interleukin-17 in experimental colitis

Wilharm, Anneke (M. Sc.): Analysis and characterization of rare tissue specific gammadelta T cells

Bachelorarbeiten

Mueller, Marvin (B.Sc.): Analysis of gammadelta T cell subsets in TcrdCreERS x Rosa26tdRFP mice

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MHH-Signatur: D 80242

Institut für Medizinische Mikrobiologie und Krankenhaushygiene – 5210

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Bindseil, Alexander Christian (Dr. med. dent.): Methicillin resistente *Staphylococcus aureus* Punkt-Prävalenzstudie in einem deutschen Universitätsklinikum
MHH-Signatur: D 80222

Köster, Eike Christian (Dr. med.): Methicillin-resistenter *Staphylococcus aureus* Epidemiologie nosokomialer Transmissionen und Epide-miestamm-assozierter Infektionen an einem Universitätskrankenhaus mit Hilfe der spa-Typsierung
MHH-Signatur: D 80094

Mohr, Juliane (Dr. rer. nat.): Characterizing the metabolism of *Campylobacter* and its influence on host interaction
MHH-Signatur: D 79788

Schulke, Claudia Theresia (Dr. rer. biol. hum.): Effekte der Implementierung einer gesteuerten antibakteriellen Therapie (Antibiotic Stewardship) auf die Versorgung von Patienten einer chirurgischen Intensivstation eine retrospektive Fall-Kontrollstudie
MHH-Signatur: D 80303

Torow, Natalia (Dr.rer.nat.): Active suppression of intestinal CD4+TCR $\hat{\gamma}$ 2+ T lymphocyte maturation during the postnatal period
MHH-Signatur: D 80158

Vorwerk, Hanne (Dr. rer. nat.): Analysis of the nutritional and metabolic requirements that contribute to the proliferation of the food-borne pathogens *Campylobacter jejuni* and *Campylobacter coli*
MHH-Signatur: D 80352

Weiner, Viktoria (Dr. med.): Aspergillose-Surveillance und Erfassung antimykotischer Substanzen an einem Universitätsklinikum
MHH-Signatur: D 802266

Masterarbeiten

Fazel Modares, Nastaran (M.Sc.): The response of the neonatal epithelium to bacterial challenge

Institut für Molekularbiologie – 5250

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Promotionen

Preußé, Kristina Annemarie Charlotte (Dr. rer. nat.): Functional divergence of the Notch ligands DLL1 and DLL4 caused by different cis-inhibitory potentials
MHH-Signatur: D 80230

Weiss, Anna-Carina (Dr. rer. nat.): Molecular control of ureter development in the mouse

Masterarbeiten

Feraric, Sarah (M.Sc.): Analyse der molekularen und zellulären Funktion des Wnt-Signalwegs in der Entwicklung des Ureters in der Maus

Kaiser, Marina (M.Sc.): Funktionelle Analyse der T-Box Transkriptionsfaktoren Tbx2 und Tbx3 in der Morphogenese des Innenohrs der Maus

Przykopanski, Adina (M.Sc. Biochemie): Charakterisierung von M33, einem potentiellen Effektor des Transkriptionsfaktors FOXJ1

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MHH-Signatur: D 80126

Bunse, Carola E. (Dr. rer. nat. M.Sc. Biochemistry): Effects of G-CSF administration on phenotypic and functional properties of antiviral T cells new aspects for adoptive immunotherapy
MHH-Signatur: D 80154

Manandhar, Trishna (Dr. rer. nat.): The molecular basis of micropolymorphism at residue 156 and its functional role in peptide selection by HLA-B*35 allotypes
MHH-Signatur: D 80208

Yuzefovych, Yuliia (PhD): Mutations in ANP32A and ANP32C influence on function and potential implication in cancer
MHH-Signatur: D 80151

Zhang, Haijiao (Dr. med.): Characterization of the leukemogenic potential of class IV G-CSF receptor in CD34+ hematopoietic progenitor cells
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MHH-Signatur: D 80348

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MHH-Signatur: D 80140

Damas, Modester (Dr. rer. nat.): The role of the Kaposi sarcoma-associated herpesvirus interferon regulatory factor homologue vIRF2 in the establishment of viral latency
MHH-Signatur: D 80325

Gramolelli, Silvia (PhD M.Sc.): Contribution of Kaposi Sarcoma Herpesvirus (KSHV) K15 protein to the pathogenesis of Kaposi sarcoma (KS)
MHH-Signatur: D 80132

Holzki, Julia Katharina (Dr. rer. nat.): Control of cytomegalovirus by myeloid dendritic cells
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Koithan, Thalea (Dr. rer. nat. Dipl. Biotechn.): RNAi screening identifies novel host factors required for herpes simplex virus infection
MHH-Signatur: D 80109

Richter, Ulrike (Dr. rer. nat. Dipl. Biol): Functional analysis of characteristic structural feature in gamma-herpesviral origin binding proteins using MHV68 Orf73 as a model
MHH-Signatur: D 79790

Thiel, Nadine (Dr. rer. nat. M.Sc. Biochemistry): A mouse cytomegalovirus gene that interferes with the expression of the protein tyrosine phosphatase CD45
MHH-Signatur: D 80124

Vogt, Carolin (Dr. rer. nat.): Untersuchung zur post-transkriptionellen Genregulation und Virus-Wirtsinteraktionen beim Kaposi's Sarkoma Herpesvirus (KSHV) = Studying post-transcriptional gene regulation and virus-host interactions in Kaposi's Sarcoma Herpes Virus (KSHV)
MHH-Signatur: D 80207

Masterarbeiten

Schlösser, Amelie Sophie (M.Sc.): Pathomechanismen von nicht-codierenden Mutationen in verschiedenen Immunenerkrankungen

Bachelorarbeiten

Dornieden, Theresa (B.Sc.): Konditionelle Expression des Kaposi Sarkom-assoziierten Herpesvirus vIRF2 Proteins

Gusmag, Frederic (B.Sc.): Characterization of Chemokine-Binding and Functional Domains within Varicella zoster Glycoprotein C

Rosemeyer, Lisa Marie (B.Sc.): Attempts to Identify the Cleavage Site within Glycoprotein G of Herpes Simplex Virus Type 2

Zentrum Öffentliche Gesundheitspflege

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Promotionen

Jensen, Sören Olof (Dr. PH): Pay-for-Performance als qualitätsorientierte Vergütung Darstellung des Konzeptes, Analyse (nicht) intendierter

Effekte und Diskussion der Ausgestaltungsmöglichkeiten sowie empirische Erhebung bei Hausärzten
MHH-Signatur: D 80228

Liersch, Sebastian (Dr. PH): Kosten-Effektivität der präventiven Förderung körperlich-sportlicher Aktivität im Kindes- und Jugendalter eine Markov-Modellierung
MHH-Signatur: D 80233

Möller, Susanne (Dr. med.): Bewertung der hausärztlichen Versorgung und Erhebung der Erwartungen und Wünsche an eine zukünftige Versorgung aus der Sicht hochaltriger Patientinnen und Patienten : Qualität, Mitbestimmung, Kommunikation und Interaktion
MHH-Signatur: D 80285

Patzelt, Christiane (Dr. PH): Ältere Menschen gezielt erreichen! individuelle und strukturelle Einflussfaktoren in der Prävention und der Rehabilitation
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Stahmeyer, Jona Theodor (PhD): Gesundheitsökonomische Analyse der chronischen HCV-Infektion - Kosten und Kosteneffektivität der Versorgung
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Sterdt, Elena (Dr. P.H.): Effekte von Bewegungskonzepten in Kindertageseinrichtungen und elternbezogenen Faktoren auf die Gesundheitsressourcen von Kindern - eine Untersuchung anhand eines Mixed-Methods-Designs
MHH-Signatur: D 80357

Zarsteck, Stefan (Dr. med.): Sozioökonomische Determinanten der Inanspruchnahme des fäkalen okkulten Bluttests zur Früherkennung von Darmkrebs ein systematischer Review
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Institut für Geschichte, Ethik und Philosophie der Medizin – 5450

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Zentrum für experimentelle und klinische Infektionsforschung (TwinCore)

TwinCore - Experimentelle Infektionsforschung – 9651

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Abd-Elshafy N, Pietschmann T, Müller-Ladner U, Neumann E, Anggakusuma, Bahgat M, Pessler F, Behrendt P. Cell culture-derived HCV cannot infect synovial fibroblasts *Sci Rep* 2015;5:18043

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Promotionen

Preuße, Matthias (Dr. rer. nat.): MicroRNAs in the murine host response to influenza A virus infection
MHH-Signatur: D 80332

Tantawy, Mohamed Abd El-hamid Mohamed (Dr. rer. nat.): Studies of the host response to influenza A virus infection
MHH-Signatur: D 80005

Ziegler, Annett (Dr. rer. nat.): Preclinical analysis of a new RNA-based adjuvant with a favorable safety profile
MHH-Signatur: D 80405

Bachelorarbeiten

Geers, Bernd (B.Sc.): Superagonistic anti-CD28 stimulation of human CD4+ T cell subsets in peripheral blood mononuclear cells and cell preparations of secondary lymphoid tissues

Pitzscher, Lisa (B.Sc.): Der Einfluss der IFN- γ Antwort von natürlichen Killerzellen auf die Kontrolle viraler Infektionen

TwinCore - Experimentelle Virologie – 9652

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Promotionen

Anggakusuma (Dr. rer. nat.): Analysis of host factors that control hepatitis C virus replication in mouse liver derived cells and assessment of the antiviral potency of turmeric curcumin

MHH-Signatur: D 80064

Perin, Paula Monteiro dos Santos (Dr. rer. nat. M.Sc. Molecular Biology): Characterization of ion channel inhibitors as antivirals against hepatitis C virus

MHH-Signatur: D 80125

Pfänder, Stephanie (Dr. rer. nat.): Factors modulating hepatitis C virus infectivity and immune control and characterization of non-primate hepacivirus

MHH-Signatur: D 80108

TwinCore - Infektionsimmunologie – 9653

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Hagemann, Stefanie Claudia (Dr. rer. nat.): Characterization of inflammatory ROR γ T [plus] (Th17) and regulatory Foxp3 [positive] (Treg) T cell populations
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Hesse, Christina (Dr. rer. nat.): Therapeutic modulation of Th2 responses during allergic diseases
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Masterarbeiten

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Masterarbeiten

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MHH-Signatur: D 80140

Gramolelli, Silvia (PhD M.Sc.): Contribution of Kaposi Sarcoma Herpesvirus (KSHV) K15 protein to the pathogenesis of Kaposi sarcoma (KS)
MHH-Signatur: D 80132

Kocijančić, Dino (Dr. rer. nat. M.Sc.): Therapy of solid tumors using recombinant probiotic Escherichia coli
MHH-Signatur: D 80120

Koithan, Thalea (Dr. rer. nat. Dipl. Biotechn.): RNAi screening identifies novel host factors required for herpes simplex virus infection
MHH-Signatur: D 80109

Oduro, Jennifer Dora (Dr. rer. nat. M.Sc. Molecular Medicine): Murine cytomegalovirus induced T cell responses in the context of mucosal infection and as recombinant vectors
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Owusu Sekyere, Solomon (PhD MMed.Sc.): The role of co-regulatory receptors in the regulation of virus-specific CD8 T cells in patients with chronic hepatitis C
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Perin, Paula Monteiro dos Santos (Dr. rer. nat. M.Sc. Molecular Biology): Characterization of ion channel inhibitors as antivirals against hepatitis C virus
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Richter, Ulrike (Dr. rer. nat. Dipl. Biol.): Functional analysis of characteristic structural feature in gamma-herpesviral origin binding proteins using MHV68 Orf73 as a model
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Ruangkiattikul, Nanthapon (PhD M.Sc. Environmental Toxicology): Role of Interferon-[beta] in host defense against Mycobacterium avium subspecies paratuberculosis
MHH-Signatur: D 80141

Sandrock, Inga (Dr. rer. nat.): A new mouse model to investigate [gamma delta] T cell development and function
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Shin, Danim (Dr. rer. nat. M.Sc. Biotechnology): Temporal and spatial variability of antiviral signaling
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Thiel, Nadine (Dr. rer. nat. M.Sc. Biochemistry): A mouse cytomegalovirus gene that interferes with the expression of the protein tyrosine phosphatase CD45
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Mehraj, Jaishri (PhD M.Sc. Epidemiology and Biostatistics M.Sc. Microbiology): Epidemiology of methicillin-sensitive and methicillin-resistant *Staphylococcus aureus* in the general population of Braunschweig, Germany
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Abbey, Megha (PhD): Biochemical and functional characterization of SEPT7
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Ackermann, Maria Katharina (Dr. rer. nat. M.Sc. Biochemistry): Improved lentiviral transgene expression in pluripotent stem cells utilizing Ubiquitous Chromatin Opening Elements (UCOEs)
MHH-Signatur: D 79796

Ahrens, Hellen Elisa (PhD Biotechnology): Experimental approaches towards overcoming the acute vascular rejection associated with pig-to-primate xenotransplantation
MHH-Signatur: D 79792

Alzu'bi, Jamal (PhD M.Sc.): Functional correction of X-SCID by targeted gene editing in pluripotent stem cells
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Anand, Roopsee (PhD M.Sc. Biomedical Sciences): Characterization of dynamins in complex with small molecule effectors and protein interaction partners
MHH-Signatur: D 80153

Badrinath, Soumya (PhD MRes Tissue Engineering and Regenerative Medicine): The molecular and functional basis for peptide selection and presentation by distinct HLA class I allotypes
MHH-Signatur: D 80126

Bakar, Mine (Dr. rer. nat. M.Sc.): Modulation of electrophysiological properties of stem cellderived bioartificial cardiac tissue by optogenetic stimulation
MHH-Signatur: D 80143

Baumann, Anna-Maria (Dr. rer. nat. Dipl. Biochem.): Functional and biochemical characterization of enzymes involved in the transfer and modification of sialic acids
MHH-Signatur: D 80136

Bhayana, Sagar (PhD Nephrology M.Sc. Biochemistry): The role of autophagy in senescence induction in the context of stress induced acute kidney injury
MHH-Signatur: D 80111

Bialy, Dagmara Magdalena (PhD M.Sc. Biotechnology): The role of importin as in Herpes Simplex Virus type I infection
MHH-Signatur: D 80140

Blume, Jonas Per (Dr. rer. nat. M.Sc. Biochemie): Physiological and pathophysiological mechanisms of lymphocyte differentiation the role of microRNA and development of a novel humanized mouse model
MHH-Signatur: D 80130

Brennig, Sebastian (Dr. rer. nat. M.Sc.): Gene transfer of cytidine deaminase (CDD) and multidrug resistance 1 gene (MDR1) for improved myeloprotection and in vivo selection in hematopoietic stem cell gene therapy
MHH-Signatur: D 80114

Bunse, Carola E. (Dr. rer. nat. M.Sc. Biochemistry): Effects of G-CSF administration on phenotypic and functional properties of antiviral T cells new aspects for adoptive immunotherapy
MHH-Signatur: D 80154

Czerner, Christoph Pascal (Dr. med.): Untersuchungen zur Funktion von Histamin auf murinen Makrophagen
MHH-Signatur: D 80205

Dreyer, Anne-Kathrin (Dr. rer. nat. Dipl. Biol.): Functional correction of X-CGD patient-derived induced pluripotent stem cells by targeted genome editing
MHH-Signatur: D 80144

Frenzel, Eileen (Dr.rer.nat.): A novel role for Alpha1-Antitrypsin (A1AT) in the regulation of lipid metabolism fatty acid-bound and fatty acid-free forms of A1AT
MHH-Signatur: D 80156

Gryshkov, Oleksandr (PhD Biomedical Engineering M.Sc.): High voltage encapsulation of multipotent stromal cells in alginate
MHH-Signatur: D 79795

Ha, Teng Cheong (Dr. rer. nat. M.Sc. Bioscience and Biotechnology): Discovery of genes enhancing the competitive fitness of hematopoietic cells
MHH-Signatur: D 80129

Hundt, Nikolas (Dr. rer. nat.): Isoform-specific actomyosin interactions in non-muscle cells
MHH-Signatur: D 80161

Jyotsana, Nidhi (PhD): Genetic and nano-therapeutic interventions to understand and target myeloid leukemia
MHH-Signatur: D 80110

Kempf, Henning (Dr. rer. nat. M.Sc.): Improving cardiomyogenic differentiation of human pluripotent stem cells by small molecules
MHH-Signatur: D 79798

Klimiankou, Maksim (PhD M.Sc. Biology): Novel defects in G-CSFR and its downstream signalling in CN patients
MHH-Signatur: D 80167

Kocijančić, Dino (Dr. rer. nat. M.Sc.): Therapy of solid tumors using recombinant probiotic Escherichia coli
MHH-Signatur: D 80120

Koithan, Thalea (Dr. rer. nat. Dipl. Biotechn.): RNAi screening identifies novel host factors required for herpes simplex virus infection
MHH-Signatur: D 80109

Krishnasamy, Kashyap Narayan (PhD M.Sc. Microbial Gene Technology): Regulation of macrophage maturation by Notch signalling
MHH-Signatur: D 79797

Lohöfener, Jan (Dr. rer. nat. M.Sc. Biochemistry): Structure-function relationships in innate immunity nucleic acid sensing by 2'-5'-oligoadenylate synthetase 1
MHH-Signatur: D 79779

Mohr, Juliane (Dr. rer. nat.): Characterizing the metabolism of Campylobacter and its influence on host interaction
MHH-Signatur: D 79788

Müller, Christina Theda (Dr. rer. nat. Dipl.Biochem.): Development of a human iPSC model for PMM2-CDG and its glycomic characterization
MHH-Signatur: D 80127

Oduro, Jennifer Dora (Dr. rer. nat. M.Sc. Molecular Medicine): Murine cytomegalovirus induced T cell responses in the context of mucosal infection and as recombinant vectors
MHH-Signatur: D 80118

Owusu Sekyere, Solomon (PhD MMed.Sc.): The role of co-regulatory receptors in the regulation of virus-specific CD8 T cells in patients with chronic hepatitis C
MHH-Signatur: D 80131

Pathan-Chhatbar, Salma (PhD Biochemistry M.Sc. Biochemistry): Isoform-dependent interactions in non-muscle actin-tropomyosin-myosin complexes
MHH-Signatur: D 80113

Perin, Paula Monteiro dos Santos (Dr. rer. nat. M.Sc. Molecular Biology): Characterization of ion channel inhibitors as antivirals against hepatitis C virus
MHH-Signatur: D 80125

Pfänder, Stephanie (Dr. rer. nat.): Factors modulating hepatitis C virus infectivity and immune control and characterization of non-primate hepacivirus
MHH-Signatur: D 80108

Regelin, Malte (Dr. rer. nat. Dipl.-Biochem.): miRNA / Transcription Factor Networks in Hematopoiesis
MHH-Signatur: D 79794

Richter, Ulrike (Dr. rer. nat. Dipl. Biol): Functional analysis of characteristic structural feature in gamma-herpesviral origin binding proteins using MHV68 Orf73 as a model
MHH-Signatur: D 79790

Ruangkiattikul, Nanthapon (PhD M.Sc. Environmental Toxicology): Role of Interferon-[beta] in host defense against Mycobacterium avium subspecies paratuberculosis
MHH-Signatur: D 80141

Samareh Abolhasani, Bardia (PhD M.Sc. Microbiology): NAMPT-dependent cytokine-triggered mechanisms of myelopoiesis
MHH-Signatur: D 80168

Sandrock, Inga (Dr. rer. nat.): A new mouse model to investigate [gamma delta] T cell development and function
MHH-Signatur: D 80121

Schenk, Heiko Joachim (Dr. med.): Charakterisierung des Einflusses von Histamin auf die Funktion von murinen dendritischen Zellen
MHH-Signatur: D 80343

Schieck, Maximilian (Dr. rer. nat. M.Sc.): Genetic determinants of symptom severity and symptom variability in the course of childhood asthma
MHH-Signatur: D 79793

Schniederjans, Monika (Dr. rer. nat.): Genetic determinants of antibiotic resistance and pathogenicity in *Pseudomonas aeruginosa*
MHH-Signatur: D 79787

Schreder, Alina (Dr. rer. nat. M.Sc.): Lack of donor-derived IL-17A and IL-17F accelerates graft-versus-host disease by alteration of recipient's intestinal barrier
MHH-Signatur: D 80128

Schumacher, Anja (Dr. rer. nat. M.Sc. Biochemistry): Investigations on therapy of solid tumors by viroimmunotherapy and immune checkpoint inhibition
MHH-Signatur: D 80166

Shin, Danim (Dr. rer. nat. M.Sc. Biotechnology): Temporal and spatial variability of antiviral signaling
MHH-Signatur: D 80119

Stachorski, Lena (Dr. rer. nat. Dipl.Biol.): Characterization of oncogenes on human chromosome 21 identified by shRNA-based viability screening a GATA1-centered genetic network
MHH-Signatur: D 80112

Taranta, Andrzej (PhD M.Sc. Biology): The role of intrahepatic hepadnaviral nucleic acids in Hepatitis B virus infection in humans
MHH-Signatur: D 79781

Thiel, Nadine (Dr. rer. nat. M.Sc. Biochemistry): A mouse cytomegalovirus gene that interferes with the expression of the protein tyrosine phosphatase CD45
MHH-Signatur: D 80124

Tittel, Stephanie (Dr. rer. nat. Dipl. Biochem.): NK cell differentiation, functionality and education are imprinted by activated NKT cells
MHH-Signatur: D 80116

Ureche, Cristina-Ileana (PhD M.Sc. Biological Chemistry): Redirecting oncolytic adenovirus-specific T cells by a tumor-specific T cell receptor for therapy of solid tumors
MHH-Signatur: D 80173

Visic, Julia (Dr. rer. nat.): IRAK-1 is a mediator of LPS-induced pulmonary inflammation
MHH-Signatur: D 79784

Wang, Shangping (PhD Biomedical Engineering M.Sc.): Characterization of diffusion processes for preservation of biological heart valve scaffolds
MHH-Signatur: D 79799

Yuzefovich, Yuliia (PhD): Mutations in ANP32A and ANP32C influence on function and potential implication in cancer
MHH-Signatur: D 80151

Zhang, Shihong (PhD Immunology): Hepatitis C virus specific CD8+ T cells in seronegative individuals implications for vaccination outcome and immunodominance
MHH-Signatur: D 80155

Hearing 4All

Originalpublikationen

Dietz A, Buschermöhle M, Sivonen V, Willberg T, Aarnisalo AA, Lenarz T, Kollmeier B. Characteristics and international comparability of the Finnish matrix sentence test in cochlear implant recipients. *Int J Audiol* 2015;54(Suppl. 2):80-87

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Avsar M, Jansson K, Sommer W, Kruse B, Thissen S, Dreckmann K, Knoefel AK, Salman J, Hafer C, Hecker J, Buechler G, Karstens JH, Jonigk D, Länger F, Kaever V, Falk CS, Hewicker-Trautwein M, Ungefroren H, Haverich A, Strüber M, Warnecke G. Augmentation of Tran-

sient Donor Cell Chimerism and Alloantigen-Specific Regulation of Lung Transplants in Miniature Swine Am J Transplant 2016;16(5):1371-1382

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Übersichtsarbeiten

Maecker-Kolhoff B, Eiz-Vesper B. Broad spectrum antiviral T cells for viral complications after hematopoietic stem cell transplantation. *Ann Transl Med* 2015;3(Suppl 1):S4

Editorials

Susnik N, Melk A, Schmitt R. Cell aging and kidney repair. *Cell Cycle* 2015;14(22):3521-3522

Abstracts

Schmidt B, Thurn-Valsassina D, Beier R, Melk A. 3b.06: Cardiovascular Risk in Pediatric Recipients of Stem Cell Transplantation. *J Hypertens* 2015;33 Suppl 1:e35

Schmidt B, Thurn-Valsassina D, Duzowa A, Soezeri B, Bayazit A, Caliskan S, Querfeld U, Azukaitis K, Wuehl U, Schäfer F, Melk A. 1d.06: Longitudinal Evaluation of Cardiovascular Risk After Pediatric Kidney Transplantation. *J Hypertens* 2015;33 Suppl 1:e16

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

Promotionen

Bialy, Dagmara Magdalena (PhD M.Sc. Biotechnology): The role of importin as in Herpes Simplex Virus type I infection
MHH-Signatur: D 80140

International MD/PhD Program Molecular Medicine

Originalpublikationen

Daenthalasanmak A, Salguero G, Sundarasetty BS, Waskow C, Cosgun KN, Guzman CA, Riese P, Gerasch L, Schneider A, Ingendoh A, Messerle M, Gabaei I, Woelk B, Ruggiero E, Schmidt M, von Kalle C, Figueiredo C, Eiz-Vesper B, von Kaisenberg C, Ganser A, Striepeke R. Engineered dendritic cells from cord blood and adult blood accelerate effector T cell immune reconstitution against HCMV. *Mol Ther Methods Clin Dev* 2015;1:14060

Kloos A, Woller N, Gürlevik E, Ureche CI, Niemann J, Armbrecht N, Martin NT, Geffers R, Manns MP, Gerardy-Schahn R, Kühnel F. PolySia-Specific Retargeting of Oncolytic Viruses Triggers Tumor-Specific Immune Responses and Facilitates Therapy of Disseminated Lung Cancer. *Cancer Immunol Res* 2015;3(7):751-763

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Promotionen

Abbey, Megha (PhD): Biochemical and functional characterization of SEPT7
MHH-Signatur: D 80152

Anand, Roopsee (PhD M.Sc. Biomedical Sciences): Characterization of dynamins in complex with small molecule effectors and protein interaction partners
MHH-Signatur: D 80153

Baumann, Anna-Maria (Dr. rer. nat. Dipl. Biochem.): Functional and biochemical characterization of enzymes involved in the transfer and modification of sialic acids
MHH-Signatur: D 80136

Bhayana, Sagar (PhD Nephrology M.Sc. Biochemistry): The role of autophagy in senescence induction in the context of stress induced acute kidney injury
MHH-Signatur: D 80111

Brennig, Sebastian (Dr. rer. nat. M.Sc.): Gene transfer of cytidine deaminase (CDD) and multidrug resistance 1 gene (MDR1) for improved myeloprotection and in vivo selection in hematopoietic stem cell gene therapy
MHH-Signatur: D 80114

Bunse, Carola E. (Dr. rer. nat. M.Sc. Biochemistry): Effects of G-CSF administration on phenotypic and functional properties of antiviral T cells new aspects for adoptive immunotherapy
MHH-Signatur: D 80154

Frenzel, Eileen (Dr.rer.nat.): A novel role for Alpha1-Antitrypsin (A1AT) in the regulation of lipid metabolism fatty acid-bound and fatty acid-free forms of A1AT
MHH-Signatur: D 80156

Hundt, Nikolas (Dr. rer. nat.): Isoform-specific actomyosin interactions in non-muscle cells
MHH-Signatur: D 80161

Jyotsana, Nidhi (PhD): Genetic and nano-therapeutic interventions to understand and target myeloid leukemia
MHH-Signatur: D 80110

Kotlarz, Daniel Michael (PhD): Molecular characterization of two primary immunodeficiencies highlights basic principles of cytokine receptor-mediated signaling
MHH-Signatur: D 80150

Lohöfener, Jan (Dr. rer. nat. M.Sc. Biochemistry): Structure-function relationships in innate immunity nucleic acid sensing by 2'-5'-oligoadenylate synthetase 1
MHH-Signatur: D 79779

Pathan-Chhatbar, Salma (PhD Biochemistry M.Sc. Biochemistry): Isoform-dependent interactions in non-muscle actin-tropomyosin-myosin complexes
MHH-Signatur: D 80113

Rajendraprasad, Girish (PhD Biochemistry M.Sc. Biomedical Genetics): Targeting mechanisms and regulation of myosin-1 functions at the membrane-cytoskeleton interface
MHH-Signatur: D 80115

Schumacher, Anja (Dr. rer. nat. M.Sc. Biochemistry): Investigations on therapy of solid tumors by viroimmunotherapy and immune check-point inhibition
MHH-Signatur: D 80166

Stachorski, Lena (Dr. rer. nat. Dipl.Biol.): Characterization of oncogenes on human chromosome 21 identified by shRNA-based viability screening a GATA1-centered genetic network
MHH-Signatur: D 80112

Ureche, Cristina-Ileana (PhD M.Sc. Biological Chemistry): Redirecting oncolytic adenovirus-specific T cells by a tumor-specific T cell receptor for therapy of solid tumors
MHH-Signatur: D 80173

Yuzefovych, Yuliia (PhD): Mutations in ANP32A and ANP32C influence on function and potential implication in cancer
MHH-Signatur: D 80151

Zhang, Shihong (PhD Immunology): Hepatitis C virus specific CD8+ T cells in seronegative individuals implications for vaccination outcome and immunodominance
MHH-Signatur: D 80155

Internationales PhD Programm: Regenerative Sciences

Originalpublikationen

Daenthalasanmak A, Salguero G, Sundarasetty BS, Waskow C, Cosgun KN, Guzman CA, Riese P, Gerasch L, Schneider A, Ingendoh A, Messerle M, Gabaei I, Woelk B, Ruggiero E, Schmidt M, von Kalle C, Figueiredo C, Eiz-Vesper B, von Kaisenberg C, Ganser A, Stripecke R. Engineered dendritic cells from cord blood and adult blood accelerate effector T cell immune reconstitution against HCMV. Mol Ther Methods Clin Dev 2015;1:14060

Promotionen

Ackermann, Mania Katharina (Dr. rer. nat. M.Sc. Biochemistry): Improved lentiviral transgene expression in pluripotent stem cells utilizing Ubiquitous Chromatin Opening Elements (UCOEs)
MHH-Signatur: D 79796

Ahrens, Hellen Elisa (PhD Biotechnology): Experimental approaches towards overcoming the acute vascular rejection associated with pig-to-primate xenotransplantation
MHH-Signatur: D 79792

Alzu'bi, Jamal (PhD M.Sc.): Functional correction of X-SCID by targeted gene editing in pluripotent stem cells
MHH-Signatur: D 80142

Badrinath, Soumya (PhD MRes Tissue Engineering and Regenerative Medicine): The molecular and functional basis for peptide selection and presentation by distinct HLA class I allotypes
MHH-Signatur: D 80126

Bakar, Mine (Dr. rer. nat. M.Sc.): Modulation of electrophysiological properties of stem cellderived bioartificial cardiac tissue by optogenetic stimulation
MHH-Signatur: D 80143

Blume, Jonas Per (Dr. rer. nat. M.Sc. Biochemie): Physiological and pathophysiological mechanisms of lymphocyte differentiation the role of microRNA and development of a novel humanized mouse model
MHH-Signatur: D 80130

Dreyer, Anne-Kathrin (Dr. rer. nat. Dipl. Biol.): Functional correction of X-CGD patient-derived induced pluripotent stem cells by targeted genome editing
MHH-Signatur: D 80144

Gryshkov, Oleksandr (PhD Biomedical Engineering M.Sc.): High voltage encapsulation of multipotent stromal cells in alginate
MHH-Signatur: D 79795

Ha, Teng Cheong (Dr. rer. nat. M.Sc. Bioscience and Biotechnology): Discovery of genes enhancing the competitive fitness of hematopoietic cells
MHH-Signatur: D 80129

Kempf, Henning (Dr. rer. nat. M.Sc.): Improving cardiomyogenic differentiation of human pluripotent stem cells by small molecules
MHH-Signatur: D 79798

Klimiankou, Maksim (PhD M.Sc. Biology): Novel defects in G-CSFR and its downstream signalling in CN patients
MHH-Signatur: D 80167

Krishnasamy, Kashyap Narayan (PhD M.Sc. Microbial Gene Technology): Regulation of macrophage maturation by Notch signalling
MHH-Signatur: D 79797

Müller, Christina Theda (Dr. rer. nat. Dipl.Biochem.): Development of a human iPSC model for PMM2-CDG and its glycomic characterization
MHH-Signatur: D 80127

Regelin, Malte (Dr. rer. nat. Dipl.-Biochem.): miRNA / Transcription Factor Networks in Hematopoiesis
MHH-Signatur: D 79794

Samareh Abolhasani, Bardia (PhD M.Sc. Microbiology): NAMPT-dependent cytokine-triggered mechanisms of myelopoiesis
MHH-Signatur: D 80168

Schieck, Maximilian (Dr. rer. nat. M.Sc.): Genetic determinants of symptom severity and symptom variability in the course of childhood asthma
MHH-Signatur: D 79793

Schreder, Alina (Dr. rer. nat. M.Sc.): Lack of donor-derived IL-17A and IL-17F accelerates graft-versus-host disease by alteration of recipient's intestinal barrier
MHH-Signatur: D 80128

Wang, Shangping (PhD Biomedical Engineering M.Sc.): Characterization of diffusion processes for preservation of biological heart valve scaffolds
MHH-Signatur: D 79799

Internationales PhD Programm Epidemiology

Originalpublikationen

Akmatov MK, Rübsamen N, Schultze A, Kemmling Y, Obi N, Günther K, Ahrens W, Pessler F, Krause G, Mikolajczyk RT. Diverse recruitment strategies result in different participation percentages in a web-based study, but in similar compliance Int J Public Health 2015;60(8):937-943

Damm O, Horn J, Mikolajczyk R, Greiner W, Siedler A, Weidemann F, Wichmann O, Kretzschmar M, Ultsch B. Health Economic Evaluation of Different Vaccination Strategies Against Varicella and Herpes Zoster in Germany Value Health 2015;18(7):A588

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Rübsamen N, Castell S, Horn J, Karch A, Ott JJ, Raupach-Rosin H, Zoch B, Krause G, Mikolajczyk RT. Ebola risk perception in Germany, 2014 *Emerg Infect Dis* 2015;21(6):1012-1018

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Promotionen

Mehraj, Jaishri (PhD M.Sc. Epidemiology and Biostatistics M.Sc. Microbiology): Epidemiology of methicillin-sensitive and methicillin-resistant *Staphylococcus aureus* in the general population of Braunschweig, Germany
MHH-Signatur: D 80135

Internationales PhD-Programm Infection Biology

Promotionen

Kocijančić, Dino (Dr. rer. nat. M.Sc.): Therapy of solid tumors using recombinant probiotic *Escherichia coli*
MHH-Signatur: D 80120

Oduro, Jennifer Dora (Dr. rer. nat. M.Sc. Molecular Medicine): Murine cytomegalovirus induced T cell responses in the context of mucosal infection and as recombinant vectors
MHH-Signatur: D 80118

Perin, Paula Monteiro dos Santos (Dr. rer. nat. M.Sc. Molecular Biology): Characterization of ion channel inhibitors as antivirals against hepatitis C virus
MHH-Signatur: D 80125

Ruangkiattikul, Nanthapon (PhD M.Sc. Environmental Toxicology): Role of Interferon-[beta] in host defense against *Mycobacterium avium* subspecies paratuberculosis
MHH-Signatur: D 80141

Sandrock, Inga (Dr. rer. nat.): A new mouse model to investigate [gamma delta] T cell development and function
MHH-Signatur: D 80121

Shin, Danim (Dr. rer. nat. M.Sc. Biotechnology): Temporal and spatial variability of antiviral signaling
MHH-Signatur: D 80119

Thiel, Nadine (Dr. rer. nat. M.Sc. Biochemistry): A mouse cytomegalovirus gene that interferes with the expression of the protein tyrosine phosphatase CD45
MHH-Signatur: D 80124

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

Promotionen

Pfänder, Stephanie (Dr. rer. nat.): Factors modulating hepatitis C virus infectivity and immune control and characterization of non-primate hepacivirus
MHH-Signatur: D 80108

Torow, Natalia (Dr.rer.nat.): Active suppression of intestinal CD4+TCR $\hat{\gamma}\hat{\delta}$ + T lymphocyte maturation during the postnatal period
MHH-Signatur: D 80158

Tittel, Stephanie (Dr. rer. nat. Dipl. Biochem.): NK cell differentiation, functionality and education are imprinted by activated NKT cells
MHH-Signatur: D 80116

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Klinische Forschergruppe 250: Genetische und zelluläre Mechanismen von Autoimmunerkrankungen

Originalpublikationen

Bunse CE, Fortmeier V, Tischer S, Zilian E, Figueiredo C, Witte T, Blasczyk R, Immenschuh S, Eiz-Vesper B. Modulation of heme oxygenase-1 by metalloporphyrins increases anti-viral T cell responses Clin Exp Immunol 2015;179(2):265-276

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MHH-Signatur: D 80130

Schreder, Alina (Dr. rer. nat. M.Sc.): Lack of donor-derived IL-17A and IL-17F accelerates graft-versus-host disease by alteration of recipient's intestinal barrier
MHH-Signatur: D 80128

Masterarbeiten

Manthe, Kristina (M.Sc.): Lentiviral Reporter Constructs for Hematopoietic Differentiation of Human Pluripotent Stem Cells

Bachelorarbeiten

Meinecke, Robert (B.Sc.): Hämatopoetische Gentherapie von Ifngr1 defizienter "Mendelian Susceptibility to Mycobacterial Disease" (MSMD)

SFB 900: Chronische Infektionen: Mikrobielle Persistenz und ihre Kontrolle

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MHH-Signatur: D 80132

Richter, Ulrike (Dr. rer. nat. Dipl. Biol.): Functional analysis of characteristic structural feature in gamma-herpesviral origin binding proteins using MHV68 Orf73 as a model
MHH-Signatur: D 79790

Bachelorarbeiten

Dornieden, Theresa (B.Sc.): Konditionelle Expression des Kaposi Sarkom-assoziierten Herpesvirus vIRF2 Proteins

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