





Hochschulbibliografie der Medizinischen Hochschule Hannover

Berichtsjahr 2021

erstellt in der Bibliothek
der Medizinischen Hochschule Hannover

MHH-Hochschulbibliografie 2021

Sehr geehrte Damen und Herren,

wie jedes Jahr möchten wir Ihnen auch dieses Jahr nun bereits mit der vierzehnten Jahreskumulation der Publikationen von MHH-Autoren, die im Rahmen der Datenerhebung zur Berechnung der leistungsorientierten Mittelvergabe (LOM) der Bibliothek gemeldet wurden, die Hochschulbibliografie des Jahres 2021 vorlegen.

Die Ihnen hier vorliegende Liste des Berichtszeitraumes 2021 enthält auch Publikationen mit Drucklegung des Jahres 2022 sofern die elektronische Erstveröffentlichung bereits 2021 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, Poster und Vorträge.

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. Die Sortierung nach Abteilungen folgt der Darstellung des Gliederungsplans der MHH.

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. Die gesamte Datenbank umfasst im Jahr 2021 über 40.0000 Einträge.

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.

Publikationsarten

Die Verteilung auf die verschiedenen Publikationsarten stellt sich im Jahr 2020 wie folgt dar:

Tab. 1: Publikationsarten 2016-21

	2016	2017	2018	2019	2020	2021
Zeitschriftenliteratur						
Originalpublikationen	1908	1922	1625	1725	1842	2005
Übersichten	182	168	166	201	278	360
Letter	39	31	42	35	46	72
Comments	20	16	25	32	17	36
Editorials	40	34	48	41	67	46
Case Report	33	28	24	27	52	73
Leitlinie von Fachgesellschaft					35	64
Kongressbeiträge						
Vorträge	3	0	17	13	6	10
Abstracts	100	121	356	432	92	221
Poster	5	11	29	11	8	4
Hochschulschriften						
Dissertationen	310	304	311	338	371	321
Habilitationen	16	22	38	29	27	12
Masterarbeiten	58	47	26	35	42	40
Diplomarbeiten	1	1	0	0	0	0
Bachelorarbeiten	19	23	17	8	7	18
Buchveröffentlichungen						
Buchbeiträge, Monografien	167	108	175	98	100	119
Herausgeberschaften	22	12	13	8	8	7
sonstige	17	14	32	53	70	47
Summe	2940	2862	2944	3086	3068	3455

Zeitschriften

Die folgende Abbildung zeigt die am häufigsten genutzten Zeitschriften in 2021 und deren Entwicklung im Verlauf der letzten sechs Jahrgänge:

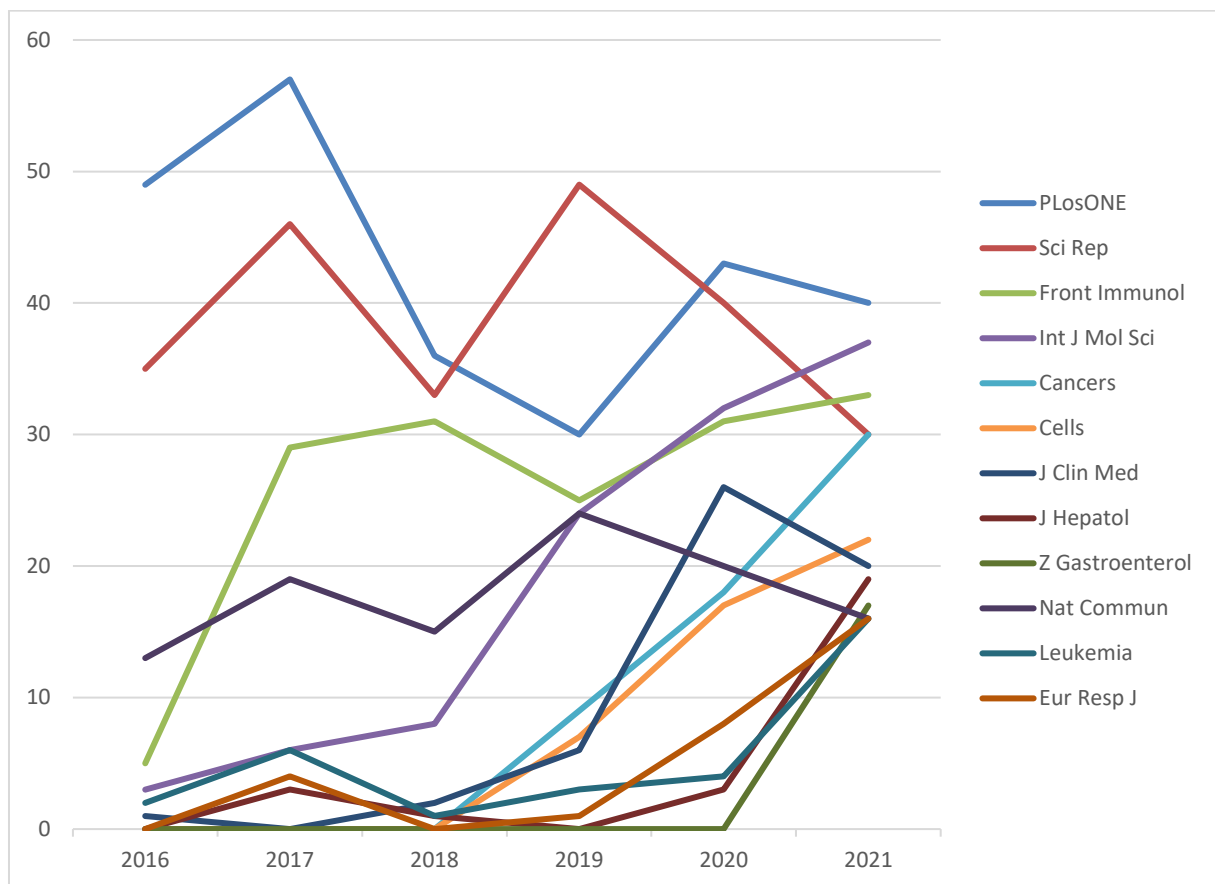


Abb. 2: Häufigst genutzte Zeitschriften zur Publikation 2021. Anzahl der Artikel im Berichtsjahr (nur research Article)

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 November 2022

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Kliniken/Institute der Sektion I

Zentrum Anatomie und Zellbiologie

Institut für Funktionelle und Angewandte Anatomie – 4120

Originalpublikationen

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Mühlfeld C, Schulte H, Jansing JC, Casiraghi C, Ricci F, Catozzi C, Ochs M, Salomone F, Brandenberger C. Design-Based Stereology of the Lung in the Hyperoxic Preterm Rabbit Model of Bronchopulmonary Dysplasia. *Oxid Med Cell Longev* 2021;2021:4293279

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Editorials

Knudsen L, Ochs M, Smith BJ. Editorial: Understanding Lung Acinar Micromechanics in Health and Disease: Linking Quantitative Imaging and Organ Scale Mechanics by Computational Modeling. *Front Physiol* 2021;11:640398

Promotionen

Buchacker, Tobias (Dr. med.): Dreidimensionale Visualisierung der pulmonalen Mikrozirkulation durch digitale Analyse eines Serial Block-Face Raster-Elektronenmikroskopie-Datensatzes

Krainski, Jakob (Dr. med.): Nachweis der Surfactantproteine in der Lunge im Asthma-Modell der Fischer Ratte mit und ohne CD26/DPP4-Defizienz

Pfeiffer, Clara Patricia (Dr. med.): Der Effekt von Spermidin auf die Adipositas-assoziierten strukturellen Veränderungen des Herzens der Maus

Ruwisch, Jannik (Dr. med.): Lung mechanics and beyond cholesterol related pulmonary remodelling in aging SP-C deficient mice

Schneider, Vanessa (Dr. med.): Der Effekt des Polyamins Spermidin auf die durch Übergewicht verursachten strukturellen Veränderungen des Herzens der Maus bei körperlicher Aktivität

Yazicioglu, Tolga (Dr. med. dent.): Strukturelle Analyse von Alveolarepithelzellen Typ II bei jungen und alten Mäusen mit akutem Lungenschaden

Niedersachsenprofessur Immunmorphologie – 4160

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Wonner E, Tschernig T, Pabst R. The Hippocratic Oath and the physician's pledge and their potential role early in medical education. *Ann Anat* 2021;238:151780

Übersichtsarbeiten

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Institut für Neuroanatomie und Zellbiologie – 4140

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Promotionen

Hasteden, Nick (Dr. med. dent.): Untersuchung von Nervi hypoglossi und Musculi plantares im Tiermodell der Amyotrophen Lateralsklerose und Etablierung eines Ko-Kultur-Modells zur Untersuchung von Re- und Degenerationsprozessen in vitro

Kuhn, Daniela (Dr. med. dent.): Molekulare Veränderungen von Niere und Nebenniere in einem Mausmodell der Spinalen Muskelatrophie (SMA)

Bachelorarbeiten

Plötner, Clara Luise (B.Sc.): Transduktion kultivierter dopaminerger Neurone des ventralen Mesencephalons zur Überexpression von alpha-Synuclein: Evaluation verschiedener AAV-Typen

Zentrum Physiologie

Institut für Molekular- und Zellphysiologie – 4210

Originalpublikationen

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Nayak A, Wang T, Franz P, Steffen W, Chizhov I, Tsiavaliaris G, Amrute M. Regulatory Light Chains Fine-Tune Skeletal Muscle Myosin-II Function. *Biophys J* 2021;120(3, Suppl. 1):344a

Promotionen

Jalal-Ebrahimi, Avesta (Dr. med. dent.): Einfluss des Nukleotidstatus von Tubulin auf die Tau-Mikrotubuli-Interaktion

Makul, Mirza (Dr. med.): Funktionelle Heterogenität als möglicher Pathomechanismus der hypertrophen Kardiomyopathie - Studie an Herzmuskelzellen von Patienten mit Mutationen in sarkomerischen Proteinen

Institut für Neurophysiologie – 4230

Originalpublikationen

Al-Samir S, Itel F, Hegemann J, Gros G, Tsiavaliaris G, Endeward V. O₂ permeability of lipid bilayers is low, but increases with membrane cholesterol. *Cell Mol Life Sci* 2021;78(23):7649-7662

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Benzoni P, Bertoli G, Giannetti F, Piantoni C, Milanesi R, Pecchiari M, Barbuti A, Baruscotti M, Bucchi A. The funny current: Even funnier than 40 years ago. Unconventional expression and roles of HCN/f channels all over the body. *Prog Biophys Mol Biol* 2021;166:189-204

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Promotionen

Thiemann, Stefan (Dr. rer. nat.): Functional characterization of CIC-Kbarttin complexes of different stoichiometries

Zentrum für Biochemie

Institut für Biophysikalische Chemie – 4350

Originalpublikationen

Al-Samir S, Itel F, Hegermann J, Gros G, Tsiavalariis G, Endeward V. O₂ permeability of lipid bilayers is low, but increases with membrane cholesterol. *Cell Mol Life Sci* 2021;78(23):7649-7662

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Promotionen

Franz, Peter (Dr. rer. nat.): Kinetische und molekulardynamische Untersuchungen zur Regulation des Aktomyosin-Systems

Roeles, Johannes (Dr. med.): Actin during meiosis: a confocal laser-scanning microscopy study investigating the role of actin in spindle assembly and chromosome segregation in human oocytes

Masterarbeiten

Brencher, Eva (M.Sc.): The Role of Myosin-18 Isoforms in the Assembly and Function of Stress Fibers and Sarcomeres

Hartmann, A. (M.Sc.): Allosteric Modulation of Innate Immune Sensor cGAS

Hutzfeldt, Arvid (M.Sc.): Characterization of *Pseudomonas aeruginosa* regulatory proteins involved in the type III secretion system

Mortazavi, Armina (M.Sc.): Development of an artificial myosin-filament system for studying collective modes of myosin performance

Bachelorarbeiten

Baritz, Kilian (B.Sc.): Determination of the survival rate of transformed and primary human cells following SiR-actin labeling

Hoppe, Daniel (B.Sc.): Erzeugung der DnaG K518A Variante der Primase aus *E. coli* und Untersuchung der Primersynthese mit Hilfe eines in vitro Replikationssystems

Ludwig, Christoph (B.Sc.): Cellular and Molecular Studies of Class-18 Myosins

Viohl, Niklas (B.Sc.): Structural and Functional Features of Human Myosin-18A and Myosin-18B

Wert, Vitali (B.Sc.): Application of a Microscale-Thermophoresis (MST)-based biosensor for inorganic phosphate in enzymatic reactions

Institut für Klinische Biochemie – 4340

Originalpublikationen

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Promotionen

Burbano De Lara Carrillo, Sebastian Rodrigo (PhD Molecular Medicine M.Sc. Biochemistry): Identification and characterization of "hidden peptides" derived from long noncoding RNAs as fine tuners and/or cancer biomarkers

Krüger, Christina: Aquaporin-8 affects hydrogen-peroxide membrane permeability and cytokine-mediated toxicity in insulin-producing cells

Küçükerden, Melike (PhD): Altered Brain Connectivity and Behavioural Consequences in Mice with Region-Specific Deletions of the Glycosyltransferase ST8SIA2

Vidrio Huerta, Brenda Esmeralda (PhD): Elevated insulin biosynthesis and folding in the initial course of type 2 diabetes causing β -cell damage by luminal H₂O₂ generation and oxidative ER stress

Masterarbeiten

Brand, Smilla (M.Sc. Biochemie): Glycomics of human induced pluripotent stem cells and their derivatives

Idowu, Victoria (M.Sc.): Studies on the role of polysialic acid in kidney morphogenesis

Ramon Roth, Isabel (M.Sc.): Biosynthesis and Function of *Aspergillus fumigatus* Glycolipids

Bachelorarbeiten

Ersoy, Sedef (B.Sc.): Biochemische Charakterisierung der Kapsel-O-Acetyltransferase aus *Actinobacillus pleuropneumoniae* Serotyp 11

Schumann, Lisa Marie (B.Sc.): Einfluss der Sialinsäure auf die Komplementkaskade im Zellkultursystem

Tauschke, Jana (B.Sc. Biochemie): Screening and Characterization of UDP-Glucose Ceramide Glucosyltransferase Gene Deletion Mutants in the Cancer Cell Line CAL-29

Institut für Zellbiochemie – 4310

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Kliniken/Institute der Sektion II

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Klinik für Dermatologie, Allergologie und Venerologie – 6600

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Promotionen

Beyer, Frerk Hinnerk (Dr. med.): Zur Regulation der C3 und der C3a Rezeptor Expression auf humanen Keratinozyten bei Psoriasis

Blendermann, Cinthia (Dr. med.): Sensitivität und Spezifität zweier Immunoassaysysteme zur Messung spezifischer IgE-Antikörper bezogen auf Anamnese, Haut- und Provokationstests am Beispiel der Allergene Roggen, Erdnuss, Weizen und Soja

Chen, WenHui (Dr. med.): Microbial influences on allergic inflammation: crosstalk of the C-type lectin receptors Dectin-1 and Dectin-2 and implications in allergy

Hansel, Annika (Dr. med.): Effekte des mTOR-Inhibitors Sirolimus auf die Gro alpha-CXCR2 Achse in humanen Keratinozyten und Tumorzelllinien in vitro

Kunsleben, Nikola (Dr. med.): Funktionelle Aktivierung von eosinophilen Granulozyten durch Interleukin-31

Okoye, Steven Edward (Dr. med.): Immunhistochemische Untersuchungen des Expressionsprofils von PD-L1 im metastasierten malignen Melanom mit nachgewiesener BRAF-Mutation und Korrelation auf das Therapieansprechen mit einer zielgerichteten Therapie

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Busche, Stephanie (Dr. rer. nat.): Resistenzmechanismen des hepatozellulären Karzinoms und deren therapeutische Beeinflussbarkeit

Emamgholi, Fatemeh (M.Sc. PhD): Pancreatic neuroendocrine tumor mouse models

Essmann, Julian Philip (Dr. med.): Azathioprin-Metabolite und Marker mukosaler Heilung bei Morbus Crohn

Kendre, Gajanan Bhujangrao (Dr. rer. nat.): A murine model of FGFR2 fusion driven intrahepatic cholangiocarcinoma to delineate the mechanism of therapeutic response and resistance to FGFR inhibitors

Kimmann, Markus (Dr. med.): Einfluss einer nosokomial erworbenen spontan bakteriellen Peritonitis auf die Prognose von Patienten mit Leberzirrhose und Aszites

Kockelmann, Fabian (Dr. med.): Lebensqualität ist bei Patienten mit chronisch entzündlichen Darmerkrankungen mit akzelerometrisch gemessener körperlicher Aktivität assoziiert: eine prospektive Beobachtungsstudie

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Promotionen

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Bellut, Maria (Dr. med.): Die prognostische Wertigkeit des C-reaktiven und des Programmed Cell Death Proteins 1 beim klarzelligen Nierenzellkarzinom

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Kirchhoff, Hanna (Dr. rer. nat.): Regulation mitochondrialer Apoptose zur zielgerichteten Therapie akuter Leukämien

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Promotionen

Elling, Lukas Simon (Dr. med.): Retrospektive Datenanalyse zur anti-androgenen Therapie mit Finasterid bei Patienten mit chronischer Herzinsuffizienz

Höckelmann, Anna (Dr. med.): Die MAP-Kinase aktivierte Proteinkinase 2 (MK2) - wichtiger Regulator der vaskulären Kontraktion

Kilian, Katja Katjuscha (Dr. med.): Die Inaktivierung des Transkriptionsfaktors SOX9 in kardialen Fibroblasten vermindert die kardiale Fibrose und Inflammation nach Myokardinfarkt

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Hampel, Annika (Dr. med.): Aktuelle Seroprävalenz, Impfstatus und prädiktiver Wert der Leberenzyme für Hepatitis B bei Flüchtlingen in Deutschland

Hecht, Sophia Katharina (Dr. med.): Die funktionelle Rolle von IgA anti-CD74 Antikörpern bei Patienten mit axialer Spondyloarthritis

Pott, Carl Christoph (Dr. med.): Autoantikörper gegen STIP1 homology und U box-containing protein 1 bei Patienten mit rheumatoider Arthritis und Therapieversagen unter Tocilizumab

Schablauer, Lukas (Dr. rer. biol. hum.): Gesetzliche Rahmenwerke für biomedizinische Forschung Optionen und Limitationen für ethische Produktentwicklungen

Breitenmoser, Carina (Dr. med.): Chronisch obstruktive Lungenerkrankung bei HIV-Infizierten Prävalenz, Risikofaktoren und Screening

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Fröhlich, Michael Joachim (Dr. med.): Sauerstoffaufnahme (V'O₂) und körperliche Leistung im Arbeitsleben, hier am Beispiel der Tätigkeit "Housekeeping"

Fuge, Jan (Dr. PH): Soziodemographische und funktionelle Einflussfaktoren auf Lebensqualität bei Patienten mit pulmonal arterieller Hypertonie = Sociodemographic and functional determinants of quality of life of patients with pulmonary arterial hypertension

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Erdinc, Sümeyye (Dr. med.): Krebsinzidenz und -spektrum bei Kindern mit genetisch nachgewiesenem Beckwith-Wiedemann-Spektrum in Deutschland: eine retrospektive Kohortenstudie

Hinze, Laura (Dr. med.): Die Bedeutung von Glucocorticoid-Vincristin Pulsen in der Erhaltungstherapie für das Therapieergebnis *IKZF1*-deletierter akuter lymphoblastischer Leukämien im Kindes- und Jugendalter

Ng, Michelle (Dr. rer. nat.): Discovery of functional long noncoding RNA loci in acute myeloid leukemia using CRISPR/Cas9 technologies

Strüwe, Farina Josepha (Dr. med.): Funktionelle Untersuchung onkogener Kandidaten des Chromosoms 21 in der Transienten Abnormalen Myelopoese

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Klinik für Pädiatrische Nieren-, Leber und Stoffwechselerkrankungen – 6720

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Happle, Christine (PD Dr. med. PhD): Toleranz, Überreaktion, Verteidigung - experimentelle und klinische Daten zur Rolle der B-Zelle bei Allergie und Infektion

Promotionen

Klaas, Anne-Lynn (Dr. med.): Untersuchung der Sensibilisierung gegen klassische Aeroallergene mit einem molekularen Verfahren und ihr Einfluss auf den klinischen Verlauf bei Patienten mit zystischer Fibrose

Leiskau, Solveig Kristin (Dr. med.): Die Rolle der Alveolarmakrophagen bei der Entstehung respiratorischer Toleranz

Pallenberg, Sophia Theres (Dr. med.): Identifikation und Charakterisierung von IL-17 und IL-22 produzierenden Lymphozyten in Lungengewebe und bronchialen Lymphknoten bei CF-Patienten im Vergleich zu anderen terminalen Lungenerkrankungen

Raddatz, Ellen Luise (Dr. med.): Untersuchung von STAT3-Inhibitoren als Verstärker und Aktivatoren der CFTR-vermittelten Restchloridleitfähigkeit im Kontext der Mukoviszidose

Vakilzadeh, Annabelle (Dr. med.): Gesundheitliche Bedürfnisse und Risiken schwangerer und minderjähriger Migranten in Deutschland in den Jahren 2015/2016

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Habilitationen

Horke, Alexander (PD Dr. med.): Klinische Ergebnisse dezellularisierter menschlicher Spendenklappen bei Kindern und jungen Erwachsenen mit angeborenen Herzfehlern

Promotionen

Deutschmann, Ove Marten (Dr. med.): Herztransplantation nach LVAD-Implantation: Auswirkungen einer minimal-invasiven Implantationstechnik sowie einer vorausgegangenen Sternotomie auf die Ergebnisse nach Transplantation

Drakhlis, Lika (PhD M.Sc.): Recapitulating early embryonic heart development with human pluripotent stem cells

Engelke, Hendrik (Dr. med.): Langzeitergebnisse nach chirurgischer total arterieller Koronarrevaskularisation mittels Arteria radialis als T-Graft

Kolster, Moritz Wendelin (Dr. med.): Charakterisierung vaskulärer Vorläuferzellen in einem Tissue-Engineering-Ansatz zur Generierung eines bioartificialen Gefäßersatzes

Kosanke, Maike Gabriele Ellen (PhD M.Sc. Molecular Medicine): Small scale variants in the nuclear and mitochondrial genome of human induced pluripotent stem cells : analysis of potential de novo mutagenesis and selection dynamics during reprogramming, culture expansion and differentiation

Li, Tong (Dr. med.): Literature evidences and sex differences in outcomes following less-invasive left ventricular assist device implantation

Manstein, Felix (Dr. rer. nat.): Advanced human pluripotent stem cell Culture in bioreactors

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Kurtz, Agnes Elisabeth (Dr. med.): Der Verlauf der femoralen periprothetischen Knochendichte nach Hüfttotalendoprothesenimplantation : eine systematische Literatur- und Metaanalyse

Rahn, Alexandra (Dr. med.): Kopforthesentherapie bei Zwillingen: Änderung der Schädelform unter Nutzung einer Koporthese im Vergleich zur natürlichen Entwicklung des Schädels beim unbehandelten Zwilling

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Bockris, Kim Denise (Dr. med.): Etablierung einer Applikation (APP) zur Erhebung des schulterspezifischen Constant Scores im klinischen Alltag

Esir, Pinar (Dr. med.): Untersuchung der Auswirkung einer Trauma-Hämorrhagie auf die Entwicklung von Osteoblasten und Osteoklasten

Harb, Afif (Dr. med.): Die osteosynthetische Stabilisierung periprothetischer Humerusfrakturen des Typs Worland C - eine biomechanische Analyse

Kolbeck, Louisa (Dr. med.): Leukozytenesterase- und Glukoseschnelltest kann eine septische Arthritis ein- und ausschließen = Leukocyte esterase and glucose reagent test can rule in and rule out septic arthritis

Kranz, Ratna Caroline (Dr. med. dent.): Outcome nach kniegelenksübergreifendem prothetischem Ersatz mit Mega-Endoprothesen

Lenhof, Stefan (Dr. med.): Die Rolle der Synovialkultur in der Diagnostik periprothetischer Infektionen eine retrospektive, monozentrische Studie

Long, Yazhou (Dr. med.): Cytological effects of serum isolated from polytraumatized patients on human bone marrowderived mesenchymal stem cells

Przyklenk, Sandra (Dr. med.): Offene versus arthroskopische Latarjet-Operation: Bestimmung der Genauigkeit der Korakoidplatzierung mittels einer Studie an humanen Leichen

Razaeian, Sam (Dr. med.): Outcome nach konservativer Behandlung isolierter Tuberculum majus-Frakturen - erste Ergebnisse des prospektiven, CT-basierten Hannover Humerus Registers (HHR)

Reichling, Moritz (Dr. med.): Innovative diagnostische Werkzeuge bei der Diagnose von nativen- und periprothetischen Gelenkinfektionen

Riecke, Torben (Dr. med.): Untersuchung fehlgeschlagener osteochondraler Allografts sowie die Etablierung einer Chondrozyten-Lymphozyten-Reaktion

Rohlfing, Freya-Isabelle (Dr. med.): Klinische und radiologische Ergebnisse der Arthrolyse des arthrotischen oberen Sprunggelenks

Zeller, Alexander-Nicolai (Dr. med. Dr. med. dent.): CD274 Expression auf mesenchymalen Knochenmarkstammzellen bei Osteoporose

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Klinik für Allgemein-, Viszeral- und Transplantationschirurgie – 6220

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Habilitationen

Beetz, Oliver (PD Dr. med.): Grenzen onkologischer Resektionen und prognostische Faktoren in der hepatobiliären und Pankreaschirurgie

Oldhafer, Felix (PD Dr. med.): Klinische und experimentelle Ansätze zur Verbesserung der Resektabilität in der onkologischen Leberchirurgie

Promotionen

Drexler, Richard (Dr. med.): The clinical relevance of the hippo pathway in pancreatic ductal adenocarcinoma

Hadeler, Nils (Dr. med.): Decreased superficial surgical site infections, shortened hospital stay, and improved quality of life due to incisional negative pressure wound therapy after reversal of double loop ileostomy = Vermindertes Auftreten oberflächlicher Wundinfektionen, kürzere Krankenhausaufenthaltsdauer und verbesserte Lebensqualität durch Unterdruckbehandlung von Hautinzisionen bei Ileostomarückverlagerungsoperationen

Kliniken/Institute der Sektion II ohne Zentrumszuordnung

Klinik für Frauenheilkunde und Geburtshilfe – 6410

Originalpublikationen

Baxter JS, Johnson N, Tomczyk K, Gillespie A, Maguire S, Brough R, Fachal L, Michailidou K, Bolla MK, Wang Q, Dennis J, Ahearn TU, Andrulis IL, Anton-Culver H, Antonenkova NN, Arndt V, Aronson KJ, Augustinsson A, Becher H, Beckmann MW, Behrens S, Benitez J, Bermisheva M, Bogdanova NV, Bojesen SE, Brenner H, Brucker SY, Cai Q, Campa D, Canzian F, Castela JE, Chan TL, Chang-Claude J, Chanock SJ, Chenevix-Trench G, Choi JY, Clarke CL, NBCS Collaborators, Colonna S, Conroy DM, Couch FJ, Cox A, Cross SS, Czene K, Daly MB, Devilee P, Dörk T, Dossus L, Dwek M, Eccles DM, Ekici AB, Eliassen AH, Engel C, Fasching PA, Figueroa J, Flyger H, Gago-Dominguez M, Gao C, Garcia-Closas M, Garcia-Saenz JA, Ghossaini M, Giles GG, Goldberg MS, Gonzalez-Neira A, Guenel P, Gundert M, Haeberle L, Hahnen E, Haiman CA, Hall P, Hamann U, Hartman M, Hatse S, Hauke J, Hollestelle A, Hoppe R, Hopper JL, Hou MF, kConFab Investigators, ABCTB Investigators, Ito H, Iwasaki M, Jager A, Jakubowska A, Janni W, John EM, Joseph V, Jung A, Kaaks R, Kang D, Keeman R, Khusnutdinova E, Kim SW, Kosma VM, Kraft P, Kristensen VN, Kubelka-Sabit K, Kurian AW, Kwong A, Lacey JV, Lambrechts D, Larson NL, Larsson SC, Le Marchand L, Lejbkowitz F, Li J, Long J, Lophatananon A, Lubinski J, Mannervaa A, Manoochchri M, Manoukian S, Margolin S, Matsuo K, Mavroudis D, Mayes R, Menon U, Milne RL, Mohd Taib NA, Muir K, Muranen TA, Murphy RA, Nevanlinna H, O'Brien KM, Offit K, Olson JE, Olsson H, Park SK, Park-Simon TW, Patel AV, Peterlongo P, Peto J, Plaseska-Karanfilska D, Presneau N, Pylkas K, Rack B, Rennert G, Romero A, Ruebner M, Rudiger T, Saloustros E, Sandler DP, Sawyer EJ, Schmidt MK, Schmutzler RK, Schneeweiss A, Schoemaker MJ, Shah M, Shen CY, Shu XO, Simard J, Southey MC, Stone J, Surowy H, Swerdlow AJ, Tamimi RM, Tapper WJ, Taylor JA, Teo SH, Teras LR, Terry MB, Toland AE, Tomlinson I, Truong T, Tseng CC, Untch M, Vachon CM, van den Ouweland AMW, Wang SS, Weinberg CR, Wendt C, Winham SJ, Winqvist R, Wolk A, Wu AH, Yamaji T, Zheng W, Ziogas A, Pharoah PDP, Dunning AM, Easton DF, Pettitt SJ, Lord CJ, Haider S, Orr N, Fletcher O. Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element. *Am J Hum Genet* 2021;108(7):1190-1203

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Comments

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Kausch, Franka (Dr. med.): Untersuchung des Einflusses von Vitamin D3 auf die plazentare Angiogenese in vitro

Kirschke, Johanna Angela Simone (Dr. med.): Intraoperative Sentinellymphknotendarstellung mittels Indocyaningrün-Fluoreszenzdiagnostik beim Zervixkarzinom

Kornemann, Norman (Dr. med.): Erhebung der Prävalenz der Endometriose in Deutschland und in weiteren Staaten auf Basis einer Literaturübersicht

Röttger, Marlene (Dr. med.): Sentinellymphknotenbiopsie beim Vulvakarzinom: Stellenwert, Wissensstand und Beratung im ambulanten Bereich

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Kliniken/Institute der Sektion III

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Institut für Diagnostische und Interventionelle Neuroradiologie – 8210

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Habilitationen

Maschke, Sabine Katharina (PD Dr. med.): Möglichkeiten der Bildgebung zur Optimierung von Diagnosestellung und interventioneller Therapie der chronischen thromboembolischen pulmonalen Hypertonie

Promotionen

Elshafee, Amany Saad Moharam (Dr. med.): Complications of CT-guided lung biopsy with a non-coaxial semiautomated 18 gauge biopsy system frequency, severity and risk factors

Faschkami, Amir (Dr. med.): Evaluation von Lungenveränderungen in der Computertomographie bei Patienten mit Primärer Ciliärer Dyskinesie

Happel, Victoria Susanne Antonia (Dr. med.): Korrelation zwischen der Subjective Angiographic Chemoembolization Endpoint (SACE)-Klassifikation und dem Tumoransprechen und deren Einfluss auf das Überleben nach Transarterieller Drug-eluting Bead Chemoembolisation bei Patienten mit hepatozellulärem Karzinom

Jamali, Leila (Dr. med.): Arterial attenuation in individualized computed tomography pulmonary angiography injection protocol adjusted based on the patient's body mass index

Klimeš, Filip (Dr. rer. nat.): 3D Dynamic functional lung ventilation magnetic resonance imaging

Scharm, Sarah C. (Dr. med.): Quantification of dual-energy CT-derived functional parameters as potential imaging markers for progression of idiopathic pulmonary fibrosis

Schulze, Jennifer (Dr. med.): An imaging biomarker for assessing hepatic function in patients with primary sclerosing cholangitis = Ein MRT-Biomarker zur Beurteilung der Leberfunktion bei Patienten mit primär sklerosierender Cholangitis

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Promotionen

Hassan, Mohammed (Dr. med.): Zweittumorentwicklung nach primärer Behandlung des Prostatakarzinoms alleinige radikale Prostatovesikulektomie versus definitive oder adjuvante externe Strahlentherapie: Retrospektive Kohortenstudie

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Janssen, Eike Hendrik (Dr. rer. nat.): Synthese und biologische Evaluierung von Fluoreszenz- und radioaktiv markierten anti-miR-21

Kröhn, Hannah (Dr. med.): Clinical impact of F-18 deoxyglucose PETCT imaging in patients with Left Ventricular Assist Device (LVAD) infection

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Polemikos, Manolis (Dr. med.): Sinus cavernosus Meningeome: Langzeitergebnisse nach Mikrochirurgie und adjuvanter fraktionierter stereotaktischer Strahlentherapie

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Promotionen

Baumgärtel, Charlotte (Dr. med.): Autoimmunologische Aspekte des Gilles de la Tourette-Syndroms: Ergebnisse einer liquorbasierten Studie

Diekmann, Kristin (Dr. med.): Einfluss von Komorbiditäten und Begleitmedikation auf Krankheitsbeginn und -verlauf in einer großen deutschen ALS-Patientengruppe

Goede, Lukas Laurids (Dr. med.): Analyse mikrostruktureller Veränderungen des Gehirns unter langfristiger Therapie mit Calcineurininhibitoren nach Lebertransplantation mittels quantitativer Magnetresonanztomografie

Janssen, Theda (Dr. med.): Der Einfluss von Blutkontamination in der Liquordiagnostik

Kammeyer, Johanna Theresa (Dr. med.): Analyse des präklinischen Lebenswandels von Patienten mit Amyotropher Lateralsklerose im Hinblick auf verschiedene Phänotypen und im Vergleich zu Kontrollen

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Nöhre, Mariel (PD Dr. med): Psychosomatische Aspekte in der Transplantationsmedizin

Promotionen

Dickhut, Clemens (Dr. rer. biol. hum.): Affective updating in working memory and its association with cognitive emotion regulation

Hase, Carolin (Dr. rer. biol. hum.): "Addiction Transfer" und allgemeine Psychopathologie nach Adipositaschirurgie: Follow-up Studie

Horschke, Sophia (Dr. med. dent.): Individuelle und dyadische Prädiktoren des Körperbildes von Patienten mit Prostata- oder Kehlkopfkrebs

Muldbücker, Pia (Dr. med. dent.): Haben Frauen mehr Angst als Männer? Progredienzangst bei Paaren mit Krebserkrankungen : Einflussfaktoren und geschlechter-rollenspezifische Unterschiede

Schäfer, Giulia (Dr. med.): Partnership Satisfaction in Patients with Buying-Shopping Disorder

Tkachenko, Daria (Dr. med.): Dyadic coping of kidney transplant recipients and their partners sex and role differences

Vogel, Birte (Dr. med.): Aufmerksamkeitsprozesse und Inhibitionskontrolle bei pathologischem Kaufen

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

Klinik für Augenheilkunde – 6120

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Heilen, Stefanie (Dr. med.): Vom Nutzen und Nachteil der Tympanoskopie bei einseitigem therapierefraktären Hörsturz

Koopmann, Moritz (Dr. med.): Untersuchung zur Entwicklung des Sprachverstehens von Kindern mit Cochlea-Implantaten im Zusammenhang mit der Lateralisation des Gehirns

Papathanassiou, Serafim (Dr. med.): Der Nutzen der Schnittbilddiagnostik CT und DVT zur Evaluation des nasolacrimalen Gangsystems : eine Analyse von 72 Patienten

Rottmann, Tobias (Dr. rer. biol. hum.): Zur Entwicklung von Cochlea-Implantat-Sprachverarbeitungsstrategien mit verbesserter binauraler Zeitauflösung

Senker, Henrike (Dr. med. dent.): Entwicklung und Auswertung von Fragebogen zur Untersuchung der Akzeptanzkriterien eines Tubenstents

Sieber, Daniel Manuel (Dr. rer. biol. hum.): Modeling of the human temporal bone for virtual reality surgical training

Wang, Hongling (Dr. med.): Microarray-based screening system to investigate the activity of Connexin 26 under different conditions and mutations

Weber, Sandra Carolin (Dr. med. dent.): Prävalenz des Sjögren-Syndroms unter Patienten mit audiologischen und vestibulären Dysfunktionen sowie Abwägung der Aufnahme einer spezifischen Sjögren-Diagnostik in die HNO-ärztliche Standarddiagnostik

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Lietzow M, Besecke K, Gülker L, Seegers M, Gniesmer S, Kampmann A, Hartwig H, Winkel A, Stiesch M, Hoffmann A, Ehlert N. Elastic Polymer-Coated Nano- and Macroporous Bioactive Glass Scaffolds for Bone Regeneration. BMT 2021 - 55. Jahrestagung der Deutschen Gesellschaft für Biomedizinische Technik (VDE|DGBMT), 05.10.-07.10.2021

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Habilitationen

Korn P, Gellrich NC, Jehn P, Spalthoff S, Rahlf B. A New Strategy for Patient-Specific Implant-Borne Dental Rehabilitation in Patients With Extended Maxillary Defects. Front Oncol 2021;11:718872

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Desch, Lena Maria Sou-Jin (Dr. med. dent.): Die Gelenkfortsatzfraktur des Unterkiefers : eine retrospektive Auswertung des Hannoveraner Patientenguts von 2007-2017

Fresenborg, Sina (Dr. med. dent.): Evaluation der Dimensionstreuung des FDM-Druckverfahrens zum Druck klinischer Biomodelle

Jalal, Aria (Dr. med.): Bestimmung der Zellaktivität im Periost nach piezogesteuerter Periostpräparation und Präparation mit einem Raspatorium nach Insertion einer PDS-Folie und eines Titan-Meshes zwischen Knochen und Periost

Lebherz, Marina (Dr. med. dent.): Immunhistochemische Untersuchung von SOX-9 und BMP-2 am Tiermodell Ratte unter begleitender Bisphosphonattherapie mittels Piezopräparierinstrument und Raspatorium

Lindhorst, Ruth Lina (Dr. med. dent.): Vergleichende Analyse der prädiktiven Faktoren des Lappenerfolgs bei gestielten und mikrovaskulär-anastomosierten Transplantaten des Musculus latissimus dorsi im Kopf-Hals-Bereich

Neuhaus, Michael-Tobias (Dr. med. dent.): Influence of unilateral cleft lip configuration on long term facial averageness - A new 3D analysis approach

Pröve, Inka (Dr. med. dent.): Einfluss zweier verschiedener Membranen auf die lokale periostale Mikrozirkulation nach subperiostaler Präparation eine repetitive Analyse

Youkhana, Bernard (Dr. med. dent.): An in-depth technical and medical investigation of facial injuries caused by car accidents

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Bunk, Daniel (Dr. med. dent.): Die Wirkung der adjuvanten Nutzung von Mundduschen bei der Behandlung der periimplantären Mukositis. Eine randomisierte kontrollierte klinische Studie.

Hertz, Kristin Sharleen (Dr. med. dent.): Experimentelle In-vitro-Untersuchung zum Einfluss des Fertigungsverfahrens auf das Randschlussverhalten und die Passgenauigkeit von Kobalt-Chrom-Molybdän Restaurationen

Klinik für Zahnerhaltung, Parodontologie und Präventive Zahnheilkunde – 7740

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Dusch, Martin (PD Dr. med.): Mechanismen der Hyperalgesie in translationalen Schmerzmodellen

Promotionen

Albrecht, Lisa Marie (Dr. med.): Ultrasonographische Bestimmung der Magenentleerung bei Kindern nach Aufnahme eines standardisierten leichten Frühstücks

Arndt, Stefanie Ilona (Dr. med.): Einfluss des Alters auf die Überwachung der Narkosetiefe mit dem EEG-basierten Narcotrend Index während Sevoflurananästhesie bei Kindern unter 2 Jahren

Bühne, Nathalie (Dr. med.): Der Natriumkanal Nav1.3 reguliert die Rekrutierung von humanen Neutrophilen *in vitro* und in ischämisches Nierengewebe der Maus *in vivo*

Fielbrand, Rieke (Dr. med.): Einfluss der perioperativen zerebralen Sauerstoffsättigung im NIRS-Monitoring auf das postoperative Delir nach großen abdominalchirurgischen Eingriffen

Fricke, Tabea Caroline (Dr. med.): Oxidation of methionine residues activates the high-threshold heat-sensitive ion channel TRPV2

Jetten, Saskia (Dr. med.): Effektivität von Rachentamponaden bei Operationen des Nasenrachenraumes als Prävention für postoperative Übelkeit und Erbrechen

Jürgens, Jonas (Dr. med.): In vitro Kompatibilität von acetathaltigen balancierten Elektrolytlösungen mit krankenästhesiologisch relevanten Medikamenten

Pantke, Sebastian (Dr. med.): Gating of the capsaicin receptor TRPV1 by UVA-light and oxidants are mediated by distinct mechanism

Schulz, Johannes Manuel (Dr. med.): Komplikationen und Erfolgsraten des Vena-subclavia-Katheters in Abhängigkeit der Erfahrung

Severloh, Ines (Dr. med.): Die Wirkung von Heparin unter Bedingungen der Überprotaminisierung eine in vitro Studie mittels Rotationsthrombelastometrie (ROTEM®)

Zwingmann, Mareile (Dr. med.): Einsatz von Hydroxyethylstärke (HES)-Infusionen bei Vorliegen von Kontraindikationen : Einfluss einer europäischen Zwangsschulung

Klinik für Rehabilitationsmedizin – 8300

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Habilitationen

Sturm, Christian Andreas (PD Dr. med.): Lebens- und Versorgungssituation von Personen mit erworbener Querschnittlähmung in Deutschland

Promotionen

Bökel, Andrea (Dr. rer. biol. hum.): German Spinal Cord Injury (GerSCI) Survey: Lebens- und Versorgungssituation sowie wahrgenommene Umweltbarrieren von Menschen mit Querschnittlähmung in Deutschland

Ghashang, Samaneh Khoshandam (Dr. med.): Diurnal intermittent fasting- effects on health-related quality of life, circulating brain-derived neurotrophic factor, creatinine and cytokines

Richter, Detlef (Dr. med.): Prospektive klinische Studie zur Untersuchung der Wirksamkeit einer manualtherapeutisch-osteopathischen Zusatzbehandlung verglichen mit dem alleinigen leitliniengerechten Vorgehen gemäß der nationalen Versorgungsleitlinie beim akuten unspezifischen Kreuzschmerz in der Primärversorgung

Institut für Sportmedizin – 4250

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Bieneck, Michael (Dr. med.): Einsatz von Vibrationstraining in der Betriebsfitness

Boeck, Hedwig Theda (Dr. rer. biol. hum.): Effekte von körperlichem Training auf die Leistungsfähigkeit und die Arbeitsbewältigungsfähigkeit : zwei randomisierte, kontrollierte, prospektive Interventionsstudien in Unternehmen

Institut für Allgemeinmedizin- und Palliativmedizin – 5440

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Koepcke, Nora (Dr. med.): Die prognostische Bedeutung der CD95L Expression für Patienten mit primärem supratentoriellen Glioblastom

Mund, Elias Marian (Dr. med.): Obduktionsbefunde-basierte Transplantpathologie: Untersuchung von Diskrepanzen zwischen klinischen und postmortalen Diagnosen

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Zentrum Pharmakologie und Toxikologie

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Schneider, Carmen (Dr. rer. nat.): Intrazelluläre Aktivität der pathogenen Domäne großer clostridialer Glucosyltransferasen

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Hussein, Nali (M.Sc.): C3-vermittelte Effekte bei Psoriasis am Phenion 3D-Vollhautmodell

Langejürgen, Anna (M.Sc.): Die Rolle der Makropinozytose in der zellulären Aufnahme von *C. difficile* Toxin

von der Kammer, Urs (M.Sc.): Darstellung der Interaktion der Botulinum Neurotoxine Serotyp A und E mit ihren Proteinrezeptoren Synaptisches Vesikelglykoprotein C und A

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Promotionen

Becker, Fabian Hans Julius Florian (Dr. med.): Comparison of the transplantation systems of Austria, Germany, Spain and the United Kingdom

Illiger, Kristin (Dr. PH): Die Krankheits- und Pflegesituation von alleinlebenden Menschen mit Demenz: eine multiperspektivische Mixed-Methods-Studie

Jäger, Cornelius (Dr. PH): Quantitative und qualitative Analyse von Präferenzen ausländischer Patient/ innen und Leistungserbringern in deutschen herzchirurgischen Universitätskliniken

Vogelsang, Aleksandr (Dr. PH): Interessentenpräferenzen bei der Pflegedienstauswahl

Vogelsang, Aleksandr (Dr. PH): Interessentenpräferenzen bei der Pflegedienstauswahl

Zhou, Yusheng (Dr. PH): Determinants of body weight status in pre-school children with a focus on the built environment and social factors results of population-based data analysis

Masterarbeiten

Altawil, Hala (M.Sc. PH): (Digital) Health Information During the COVID-19 Pandemic: Usage, Barriers, Needs and Trust among Arabic-Speaking Migrant Parents

Barre, Felix (M.Sc. PH): Beratungsbedarf zur Infektionsvermeidung bei mit Hygiene Betrauten in Kliniken und Ansätze zur Entwicklung von Beratungsangeboten zur Infektionsvermeidung am Beispiel des MRE-Netzwerks Südniedersachsen - Ergebnisse der Studie BI-Infekt: P-HHyG

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- Rappe, Miriam Hannah (M.Sc. PH): App auf Rezept: Auswirkungen der Digitalisierung für die Akteure im Gesundheitswesen
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Mast, Marcel (M.Sc.): Entwicklung eines datengetriebenen Ansatzes zur frühzeitigen Erkennung von SIRS im Kontext der pädiatrischen Intensivmedizin

Bachelorarbeiten

Bode, Louisa (B.Sc.): Automatisierte Detektion von Organdysfunktionen in der pädiatrischen Intensivstation als Teil eines Clinical Decision-Support Systems

Ebrahimzadeh, Amir H. (B.Sc.): Landmarkenbasierte Registrierung menschlicher Cochleae

Onesimiuc, Mara Rebecca (B.Sc.): Konzeption und Implementierung einer interoperablen Wissensbasis für die initiale Datenanalyse in der pädiatrischen Intensivmedizin

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ZIMT – 8700

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Forschungseinrichtung Strukturbiochemie – 8830

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Masterarbeiten

Brencher, Eva (M.Sc.): The Role of Myosin-18 Isoforms in the Assembly and Function of Stress Fibers and Sarcomeres

Bachelorarbeiten

Hoppe, Daniel (B.Sc.): Erzeugung der DnaG K518A Variante der Primase aus *E. coli* und Untersuchung der Primersynthese mit Hilfe eines in vitro Replikationssystems

Ludwig, Christoph (B.Sc.): Cellular and Molecular Studies of Class-18 Myosins

Viohl, Niklas (B.Sc.): Structural and Functional Features of Human Myosin-18A and Myosin-18B

Lehrgebiet Praxisökonomie – 7705

Promotionen

Graeser, Maja Yvonne Carlotta (Dr. med. dent.): Zur Ermittlung des immateriellen Wertes von Zahnarztpraxen

Tumorzentrum – 8850

Originalpublikationen

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CF QM Tx – 1122

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Promotionen

Gutcke, Stefan André (Dr. med.): Gallenwegskomplikationen nach Lebertransplantation: Erfahrungen der letzten 30 Jahre und aktuelle Risikofaktoren

Studiendekanat Medizin – 9135

Originalpublikationen

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Zellsortierung (Sorter-Lab) – 9411

Originalpublikationen

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Zentrum für experimentelle und klinische Infektionsforschung (TwinCore)

Institut für Experimentelle Infektionsforschung – 9651

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Promotionen

Haase, Isabell (Dr. med.): Die Rolle von DC-SIGN in der mykobakteriellen Infektion

Hassnain Waqas, Syed Fakhar ul (Dr. rer. nat.): Treatment of the cellular phenotype of ISG15 deficiency with itaconic acid and derivatives

Lu, Chia-Wen (Dr. rer. nat.): Identification and functional characterization of epigenetic signature genes in innate lymphoid cells

Institut für Experimentelle Virologie – 9652

Originalpublikationen

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Gunesch, Antonia-Patricia (Dr. rer. nat.): Analysis of the structure-function relationship and the mechanism of action of antiviral cationic amphiphilic drugs

Kirui, Jared Kipngetch (Dr. rer. nat.): Characterization of phosphatidylserine-dependent receptor TIM-1 in chikungunya virus infection

Knegendorf, Leonard (Dr. med.): Development of a cell culture model to study genotype-specific factors of hepatitis E virus infection in pregnancy

Laßwitz, Lisa (Dr. rer. nat.): Characterization of the role of CD81 in positive-strand RNA virus infection of human cells

Proske, Nora Maria (Dr. med.): Characterization of the antiviral activity of silvestrol against Hepatitis E virus infection

Institut für Infektionsimmunologie – 9653

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Li, Shuting (PhD M.Sc.): The role of fatty acid metabolism in the development of intestinal epithelial cells

Lu, Chia-Wen (Dr. rer. nat.): Identification and functional characterization of epigenetic signature genes in innate lymphoid cells

Institut für Molekulare Bakteriologie – 9654

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Pezoldt, Ronja Lorena (Dr. rer. nat.): Ribosome profiling in *Pseudomonas aeruginosa*

Helmholtz-Zentrum für Infektionsforschung (HZI)

Institut für Infektionsepidemiologie – 9642

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Abteilungsübergreifende Bereiche

Biomedical Research Endstage and Obstructive Lung Disease Hannover (BREATH)

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Volltext: <https://www.zbmed.de/researchieren/kongresskalender/kongressdetails/detail/50-jahrestagung-der-dgthg-und-53-jahrestagung-der-dgpk/>

Ius F. Ex-vivo organ preservation: new clinical and experimental opportunities - from organ preservation to quality assessment. ESOT 2021 Webinars, 03.06.2021, online
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Ius F. Lungentransplantation nach Corona und Kaiserschnitt. 30. Jahrestagung der Deutschen Transplantationsgesellschaft, 07.-09. Oktober 2021, Stuttgart
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Vorträge

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Volltext: <https://www.zbmed.de/researchieren/kongresskalender/kongressdetails/detail/50-jahrestagung-der-dgthg-und-53-jahrestagung-der-dgpk/>

Lus F. Ex-vivo organ preservation: new clinical and experimental opportunities - from organ preservation to quality assessment. ESOT 2021 Webinars, 03.06.2021, online
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Promotionen

Aliabadi, Elmira (Dr. rer. nat.): Impact of quantitative hepatitis B surface antigen on T cell responses in patients with chronic hepatitis B virus infection

Binz, Christoph (Dr. rer. nat.): Investigating the role of embryonic γ T cells and their T cell receptors at barrier sites

Burbano De Lara Carrillo, Sebastian Rodrigo (PhD Molecular Medicine M.Sc. Biochemistry): Identification and characterization of "hidden peptides" derived from long noncoding RNAs as fine tuners and cancer biomarkers

Carstensen, Saskia (Dr. rer. nat.): Characterization and modulation of systemic and pulmonary immune responses in allergic and inflammatory conditions

Dawodu, Damilola Modupe (PhD): Bone abnormalities in chronic kidney disease molecular mechanisms and the role of oxidized lipids

de Almeida, Luís Miguel Ferreira (PhD): The role of mitochondrial translation in T cell function and autoimmunity

Diekmann, Mareike, Huber, René, Brand, Korbinian, Worthmann, Hans, Dittrich-Breiholz, Oliver, Medizinische Hochschule Hannover, Hannover Biomedical Research School and Medizinische Hochschule Hannover Institut für Klinische Chemie: Influence of MARCKS on physiological functions of monocytic cells

Drakhlis, Lika (PhD M.Sc.): Recapitulating early embryonic heart development with human pluripotent stem cells

Emamgholi, Fatemeh (M.Sc. PhD): Pancreatic neuroendocrine tumor mouse models

Gunesch, Antonia-Patricia (Dr. rer. nat.): Analysis of the structure-function relationship and the mechanism of action of antiviral cationic amphiphilic drugs

Idowu, Temitayo Opemipo (PhD M.Sc.Medicine): Acute regulation of Tie2 in sepsis

Kalies, Katrin Veronika Dorothea (Dr. rer. nat.): Reversing endothelial cell aging by partial reprogramming

Kirui, Jared Kipngetch (Dr. rer. nat.): Characterization of phosphatidyserine-dependent receptor TIM-1 in chikungunya virus infection

Knapp, Monika (Dr. med.): Expressionsanalyse humaner Tubuluszellen zur Evaluation langer nichtkodierender RNAs als Biomarker für die akute T-Zell-vermittelte Abstoßungsreaktion nach Nierentransplantation

Kosanke, Maike Gabriele Ellen (PhD M.Sc. Molecular Medicine): Small scale variants in the nuclear and mitochondrial genome of human induced pluripotent stem cells : analysis of potential de novo mutagenesis and selection dynamics during reprogramming, culture expansion and differentiation

Kreutzer, Fabian Philipp (Dr. rer. nat.): Targeting multi-organ fibrosis with natural compound similars and predictive biology

Lanfermann, Christian Mark (Dr. rer. nat.): Development of a prophylactic multi-subunit experimental vaccine against Chlamydia trachomatis in a mouse lung infection model

Li, Shuting (PhD M.Sc.): The role of fatty acid metabolism in the development of intestinal epithelial cells

Lu, Dongchao (M.Sc. , PhD): Circular RNA insulin receptor protects against doxorubicin-mediated cardiotoxicity

Manstein, Felix (Dr. rer. nat.): Advanced human pluripotent stem cell Culture in bioreactors

Müller, Dominik, Heisterkamp, Alexander, Kalies, Stefan Michael Klaus, Kraft, Theresia, Zweigerdt, Robert, Medizinische Hochschule Hannover, Hannover Biomedical Research School and Leibniz Universität Hannover Institut für Quantenoptik (Dr. rer. nat. M.Sc.): Mechanistic investigations of cardiomyocyte cytoskeletal regeneration using fs laser-based nanosurgery

Naimo, Eleonora (Dr. rer. nat.): New targets for the development of novel KSHV antivirals

Nguyen, Minh Tam (Dr. rer. nat.): App-based monitoring of adverse events following influenza vaccination in an epidemiological study (SafeVac)

Nikolova, Ginka Ilieva (Dr. rer. nat. M.Sc.): Homing and recirculation pathways of lymph-derived memory CD8 T cells under steady-state and inflamed conditions

Olarewaju, Olaniyi Precious (PhD): Targeting effectors of metabolic reprogramming in Hepatocellular carcinoma

Ricci Signorini, Maria Elena (PhD M.Sc. Biotechnology): Tools and technologies for the generation, cultivation and characterization of large-scale stem cell-derived bioartificial cardiac tissue

Sahabian, Anais (PhD M.Sc.): Scalable expansion of hPSC-derived definitive endoderm for use in airway epithelial cell in vitro disease modelling

Stojanović, Stevan Dušan (PhD MD): Preclinical development of anti-senescence therapeutics for the treatment of lung fibrosis

Vidrio Huerta, Brenda Esmeralda (PhD): Elevated insulin biosynthesis and folding in the initial course of type 2 diabetes causing β -cell damage by luminal H₂O₂ generation and oxidative ER stress

Woods, Vanessa Mandeisa Alesia (Dr. rer. nat.): Generation of platelets with enhanced functionality by targeting transgenic proteins to alpha granules in megakaryocytes

Hannover Unified Biobank (HUB) – 9160

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

Promotionen

Aliabadi, Elmira (Dr. rer. nat.): Impact of quantitative hepatitis B surface antigen on T cell responses in patients with chronic hepatitis B virus infection

Gunesch, Antonia-Patricia (Dr. rer. nat.): Analysis of the structure-function relationship and the mechanism of action of antiviral cationic amphiphilic drugs

Kirui, Jared Kipngetch (Dr. rer. nat.): Characterization of phosphatidylserine-dependent receptor TIM-1 in chikungunya virus infection

Lanfermann, Christian Mark (Dr. rer. nat.): Development of a prophylactic multi-subunit experimental vaccine against Chlamydia trachomatis in a mouse lung infection model

Internationales PhD Programm: Epidemiology

Promotionen

Nguyen, Minh Tam (Dr. rer. nat.): App-based monitoring of adverse events following influenza vaccination in an epidemiological study (SafeVac)

Internationales PhD Programm: Infection Biology

Promotionen

Binz, Christoph (Dr. rer. nat.): Investigating the role of embryonic γ T cells and their T cell receptors at barrier sites

Lanfermann, Christian Mark (Dr. rer. nat.): Development of a prophylactic multi-subunit experimental vaccine against Chlamydia trachomatis in a mouse lung infection model

Li, Shuting (PhD M.Sc.): The role of fatty acid metabolism in the development of intestinal epithelial cells

Naimo, Eleonora (Dr. rer. nat.): New targets for the development of novel KSHV antivirals

Internationales MD/PhD Programm: Molecular Medicine

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Carstensen, Saskia (Dr. rer. nat.): Characterization and modulation of systemic and pulmonary immune responses in allergic and inflammatory conditions

Dawodu, Damilola Modupe (PhD): Bone abnormalities in chronic kidney disease molecular mechanisms and the role of oxidized lipids

de Almeida, Luís Miguel Ferreira (PhD): The role of mitochondrial translation in T cell function and autoimmunity

Diekmann, Mareike, Huber, René, Brand, Korbinian, Worthmann, Hans, Dittrich-Breiholz, Oliver, Medizinische Hochschule Hannover, Hannover Biomedical Research School and Medizinische Hochschule Hannover Institut für Klinische Chemie: Influence of MARCKS on physiological functions of monocytic cells

Emamgholi, Fatemeh (M.Sc. PhD): Pancreatic neuroendocrine tumor mouse models

Idowu, Temitayo Opemipo (PhD M.Sc.Medicine): Acute regulation of Tie2 in sepsis

Kreutzer, Fabian Philipp (Dr. rer. nat.): Targeting multi-organ fibrosis with natural compound similars and predictive biology

Vidrio Huerta, Brenda Esmeralda (PhD): Elevated insulin biosynthesis and folding in the initial course of type 2 diabetes causing β -cell damage by luminal H₂O₂ generation and oxidative ER stress

Woods, Vanessa Mandeisa Alesia (Dr. rer. nat.): Generation of platelets with enhanced functionality by targeting transgenic proteins to alpha granules in megakaryocytes

Internationales PhD Programm: Regenerative Sciences

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Kalies, Katrin Veronika Dorothea (Dr. rer. nat.): Reversing endothelial cell aging by partial reprogramming

Kosanke, Maike Gabriele Ellen (PhD M.Sc. Molecular Medicine): Small scale variants in the nuclear and mitochondrial genome of human induced pluripotent stem cells : analysis of potential de novo mutagenesis and selection dynamics during reprogramming, culture expansion and differentiation

Lu, Dongchao (M.Sc. , PhD): Circular RNA insulin receptor protects against doxorubicin-mediated cardiotoxicity

Manstein, Felix (Dr. rer. nat.): Advanced human pluripotent stem cell Culture in bioreactors

Müller, Dominik, Heisterkamp, Alexander, Kalies, Stefan Michael Klaus, Kraft, Theresia, Zweigerdt, Robert, Medizinische Hochschule Hannover, Hannover Biomedical Research School and Leibniz Universität Hannover Institut für Quantenoptik (Dr. rer. nat. M.Sc.): Mechanistic investigations of cardiomyocyte cytoskeletal regeneration using fs laser-based nanosurgery

Olarewaju, Olaniyi Precious (PhD): Targeting effectors of metabolic reprogramming in Hepatocellular carcinoma

Ricci Signorini, Maria Elena (PhD M.Sc. Biotechnology): Tools and technologies for the generation, cultivation and characterization of large-scale stem cell-derived bioartificial cardiac tissue

Sahabian, Anais (PhD M.Sc.): Scalable expansion of hPSC-derived definitive endoderm for use in airway epithelial cell in vitro disease modelling

Stojanović, Stevan Dušan (PhD MD): Preclinical development of anti-senescence therapeutics for the treatment of lung fibrosis

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Promotionen

Roeles, Johannes (Dr. med.): Actin during meiosis: a confocal laser-scanning microscopy study investigating the role of actin in spindle assembly and chromosome segregation in human oocytes

Masterarbeiten

Brencher, Eva (M.Sc.): The Role of Myosin-18 Isoforms in the Assembly and Function of Stress Fibers and Sarcomeres

Bachelorarbeiten

Ludwig, Christoph (B.Sc.): Cellular and Molecular Studies of Class-18 Myosins

NIFE

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Promotionen

Drakhlis, Lika (PhD M.Sc.): Recapitulating early embryonic heart development with human pluripotent stem cells

Kalies, Katrin Veronika Dorothea (Dr. rer. nat.): Reversing endothelial cell aging by partial reprogramming

Kosanke, Maike Gabriele Ellen (PhD M.Sc. Molecular Medicine): Small scale variants in the nuclear and mitochondrial genome of human induced pluripotent stem cells : analysis of potential de novo mutagenesis and selection dynamics during reprogramming, culture expansion and differentiation

Lanfermann, Christian Mark (Dr. rer. nat.): Development of a prophylactic multi-subunit experimental vaccine against Chlamydia trachomatis in a mouse lung infection model

Lu, Dongchao (M.Sc. , PhD): Circular RNA insulin receptor protects against doxorubicin-mediated cardiotoxicity

Manstein, Felix (Dr. rer. nat.): Advanced human pluripotent stem cell Culture in bioreactors

Müller, Dominik, Heisterkamp, Alexander, Kalies, Stefan Michael Klaus, Kraft, Theresia, Zweigerdt, Robert, Medizinische Hochschule Hannover, Hannover Biomedical Research School and Leibniz Universität Hannover Institut für Quantenoptik (Dr. rer. nat. M.Sc.): Mechanistic investigations of cardiomyocyte cytoskeletal regeneration using fs laser-based nanosurgery

Olarewaju, Olaniyi Precious (PhD): Targeting effectors of metabolic reprogramming in Hepatocellular carcinoma

Ricci Signorini, Maria Elena (PhD M.Sc. Biotechnology): Tools and technologies for the generation, cultivation and characterization of large-scale stem cell-derived bioartificial cardiac tissue

Sahabian, Anais (PhD M.Sc.): Scalable expansion of hPSC-derived definitive endoderm for use in airway epithelial cell in vitro disease modelling

Stojanović, Stevan Dušan (PhD MD): Preclinical development of anti-senescence therapeutics for the treatment of lung fibrosis

SFB 738: Optimierung konventioneller und innovativer Transplantate

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Baron Y, Sens J, Lange L, Nassauer L, Klatt D, Hoffmann D, Kleppa MJ, Barbosa PV, Keisker M, Steinberg V, Suerth JD, Vondran FWR, Meyer J, Morgan M, Schambach A, Galla M. Improved alpharetrovirus-based Gag.MS2 particles for efficient and transient delivery of CRISPR-Cas9 into target cells. *Mol Ther Nucleic Acids* 2022;27:810-823

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SFB 900: Chronische Infektionen: Mikrobielle Persistenz und ihre Kontrolle

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Zentrale Forschungseinrichtung für Metabolomics – 9414

Originalpublikationen

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Zentrale Forschungseinrichtung für Proteomics – 9412

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Lüdtke TH, Kleppa MJ, Rivera-Reyes R, Qasrawi F, Connaughton DM, Shril S, Hildebrandt F, Kispert A. Proteomic analysis identifies ZMYM2 as endogenous binding partner of TBX18 protein in 293 and A549 cells. *Biochem J* 2022;479(1):91-109

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Zentrale Forschungseinrichtung für Next Generation Sequencing

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Zentrale Forschungseinrichtung für Zellsortierung (Sorter-Lab) – 9411

Originalpublikationen

Almeida L, Dhillon-LaBrooy A, Castro CN, Adossa N, Carriche GM, Guderian M, Lippens S, Dennerlein S, Hesse C, Lambrecht BN, Berod L, Schausser L, Blazar BR, Kalesse M, Müller R, Moita LF, Sparwasser T. Ribosome-Targeting Antibiotics Impair T Cell Effector Function and Ameliorate Autoimmunity by Blocking Mitochondrial Protein Synthesis. *Immunity* 2021;54(1):68-83.e6

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Zentrale Forschungseinrichtung: Transcriptomics

Originalpublikationen

Drakhlis L, Biswanath S, Farr CM, Lupanow V, Teske J, Ritzenhoff K, Franke A, Manstein F, Bolesani E, Kempf H, Liebscher S, Schenke-Layland K, Hegemann J, Nolte L, Meyer H, de la Roche J, Thiemann S, Wahl-Schott C, Martin U, Zweigerdt R. Human heart-forming organoids recapitulate early heart and foregut development. *Nat Biotechnol* 2021;39(6):737-746

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Zentrum für individualisierte Infektionsmedizin (CiIM)

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de Araujo LS, Ribeiro-Alves M, Wiperman MF, Vorkas CK, Pessler F, Saad MHF. Transcriptomic Biomarkers for Tuberculosis: Validation of NPC2 as a Single mRNA Biomarker to Diagnose TB, Predict Disease Progression, and Monitor Treatment Response. *Cells* 2021;10(10):2704

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ZIB

Originalpublikationen

Bünsow D, Tantawy E, Ostermeier T, Bähre H, Garbe A, Larsen J, Winstel V. Methicillin-resistant *Staphylococcus pseudintermedius* synthesizes deoxyadenosine to cause persistent infection. *Virulence* 2021;12(1):989-1002

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Promotionen

Aliabadi, Elmira (Dr. rer. nat.): Impact of quantitative hepatitis B surface antigen on T cell responses in patients with chronic hepatitis B virus infection

Binz, Christoph (Dr. rer. nat.): Investigating the role of embryonic γ T cells and their T cell receptors at barrier sites

Gunesch, Antonia-Patricia (Dr. rer. nat.): Analysis of the structure-function relationship and the mechanism of action of antiviral cationic amphiphilic drugs

Kirui, Jared Kipngetich (Dr. rer. nat.): Characterization of phosphatidylserine-dependent receptor TIM-1 in chikungunya virus infection

Lanfermann, Christian Mark (Dr. rer. nat.): Development of a prophylactic multi-subunit experimental vaccine against Chlamydia trachomatis in a mouse lung infection model

Li, Shuting (PhD M.Sc.): The role of fatty acid metabolism in the development of intestinal epithelial cells

Naimo, Eleonora (Dr. rer. nat.): New targets for the development of novel KSHV antivirals

Nikolova, Ginka Ilieva (Dr. rer. nat. M.Sc.): Homing and recirculation pathways of lymph-derived memory CD8 T cells under steady-state and inflamed conditions