

J	M	TP	Titel	Autoren	Journal	doi
2018	01	10	Tissue factor as a mediator of coagulation and signaling in cancer and chronic inflammation	Claudine Graf und Wolfram Ruf	Thromb Res	10.1016/j.thromres.2018.01.023
2018	06	04	Dephosphorylation of the HIV-1 restriction factor SAMHD1 is mediated by PP2A-B55α holoenzymes during mitotic exit	Kerstin Schott, Nina V. Fuchs, Rita Derua, Bijan Mahboubi, Esther Schnellbacher, Janna Seifried, Christiane Tondera, Heike Schmitz, Caitlin Shepard, Alberto Brandariz-Nuñez, Felipe Diaz-Griffero, Andreas Reuter, Baek Kim, Veerle Janssens und Renate König	Nat Commun	10.1038/s41467-018-04671-1
2018	06	16	Mitophagy in Intestinal Epithelial Cells Triggers Adaptive Immunity During Tumorigenesis	Paul K Ziegler, Julia Bollrath, Charles K Pallangyo, Takaji Matsutani, Özge Canli, Tiago De Oliveira, Michaela A Diamanti, Nina Müller, Jaba Gamrekashvili, Tracy Putoczki, David Horst, Arun K Mankan, Meryem G Öner, Susanna Müller, Josef Müller-Höcker, Thomas Kirchner, Julia Slotta-Huspenina, M Mark Taketo, Thomas Reinheckel, Stefan Dröse, Andrew C Lerner, Winfried S Wels, Matthias Ernst, Tim F Greten, Melek C Arkan, Thomas Korn, Dagmar Wirth und Florian R Greten	Cell	10.1016/j.cell.2018.05.028
2018	07	11	Efficient Delivery of Human Cytomegalovirus T Cell Antigens by Attenuated Sendai Virus Vectors	Richard Kiener, Markus Fleischmann, Marian Alexander Wiegand, Niels A. W. Lemmermann , Christiane Schwegler, Christine Kaufmann, Angélique Renzaho, Simone Thomas, Eva Felder, Hans Helmut Niller, Benedikt Asbach und Ralf Wagner	J Virol	10.1128/JVI.00569-18
2018	08	04	USP18 (UBP43) Abrogates p21-Mediated Inhibition of HIV-1	Edmund Osei Kuffour, Kerstin Schott, Ananda Ayyappan Jaguva Vasudevan, Jessica Holler, Wolfgang A. Schulz, Philipp A. Lang, Karl S. Lang, Baek Kim, Dieter Häussinger, Renate König und Carsten Münk	J Virol	10.1128/JVI.00592-18
2018	09	09	EGFL7 enhances surface expression of integrin α5β1 to promote angiogenesis in malignant brain tumors	Nevka Dudvarski Stankovic, Frank Bicker, Stefanie Keller, David TW Jones, Patrick N Harter, Arne Kienzle, Clarissa Gillmann, Philipp Arnold, Anna Golebiewska, Olivier Keunen, Alf Giese, Andreas von Deimling, Tobias Bäuerle, Simone P Niclou, Michel Mittelbronn, Weilan Ye, Stefan M Pfister und Mirko	EMBO Mol Med	10.15252/emmm.201708420
2018	10	02	Silencing the CSF-1 Axis Using Nanoparticle Encapsulated siRNA Mitigates Viral and Autoimmune Myocarditis	Ingmar Sören Meyer, Carl Christoph Goetzke, Meike Kespohl, Martina Sauter, Arnd Heuser, Volker Eckstein, Hans-Peter Vornlocher, Daniel G. Anderson, Jan Haas, Benjamin Meder, Hugo Albert Katus, Karin Klingel, Antje Beling und Florian Leuschner	Front Immunol	10.3389/fimmu.2018.02303
2018	10	16	Loss of Stat6 Affects Chromatin Condensation in Intestinal Epithelial Cells Causing Diverse Outcome in Murine Models of Inflammation-Associated and Sporadic Colon Carcinogenesis	Tiago De Oliveira, Mallika Ramakrishnan, Michaela A Diamanti, Paul K Ziegler, Frank Brombacher und Florian R Greten	Oncogene	10.1038/s41388-018-0551-2
2018	11	02	Proteasomal Protein Degradation: Adaptation of Cellular Proteolysis With Impact on Virus—and Cytokine-Mediated Damage of Heart Tissue During Myocarditis	Antje Beling und Meike Kespohl	Front Immunol	10.3389/fimmu.2018.02620
2018	11	06	A Potent Tumor-Reactive p53-Specific Single-Chain TCR without On- or Off-Target Autoimmunity In Vivo	Hakim Echchannaoui, JuttaPetschenka, Edite Antunes Ferreira, Beate Hauptrock, Carina Lotz-Jenne, Ralf-Holger Voss und Matthias Theobald	Mol Ther	10.1016/j.jmthe.2018.11.006
2018	12	11	Mouse Model of Cytomegalovirus Disease and Immunotherapy in the Immunocompromised Host: Predictions for Medical Translation that Survived the "Test of Time"	Matthias J. Reddehase und Niels A. W. Lemmermann	Viruses	10.3390/v10120693
2018	12	01, 13, 1	Tumor immunoevasion via acidosis-dependent induction of regulatory tumor-associated macrophages	Toszka Bohn, Steffen Rapp, Natascha Luther, Matthias Klein, Till-Julius Bruehl, Nobuhiko Kojima, Pamela Aranda Lopez, Jennifer Hahlbrock, Sabine Muth, Shogo Endo, Stefanie Pektor, Almut Brand, Kathrin Renner, Vanessa Popp, Katharina Gerlach, Dennis Vogel, Christina Lueckel, Danielle Arnold-Schild, Jacques Pouyssegur, Marina Kreutz, Magdalena Huber, Jochem Koenig, Benno Weigmann, Hans-Christian Probst , Esther von Stebut , Christian Becker, Hansjoerg Schild , Edgar Schmitt und Matthias J. Reddehase	Nat Immunol	10.1038/s41590-018-0226-8
2019	01	11	The herpesviral antagonist m152 reveals differential activation of STING-dependent IRF and NF-κB signaling and STING's dual role during MCMV infection	Markus Stempel, Baca Chan, Vanda Juranić Lisnić, Astrid Krmpotić, Josephine Hartung, Søren R Paludan, Nadia Füllbrunn, Niels AW Lemmermann und Melanie M Brinkmann	EMBO J	10.15252/embj.2018100983
2019	01	15	IL-17A/F in Leishmania major-resistant C57BL/6 mice	Kirsten Dietze-Schwonberg, Susanna Lopez Kostka, Beate Lorenz, Tommy Regen, Ar Waisman und Esther von Stebut	Exp Dermatol	10.1111/exd.13896
2019	01	Z01	Poor transcript-protein correlation in the brain: negatively correlating gene products reveal neuronal polarity as a potential cause	Christian P. Moritz, Timo Mühlhaus, Stefan Tenzer , Thomas Schulenburg und Eckhard Friauf	J Neurochem	10.1111/jnc.14664
2019	03	08	The role of macrophages in nonalcoholic fatty liver disease and nonalcoholic steatohepatitis	Konstantin Kazanov, Simon Mark Dahl Jørgensen, Karen Louise Thomsen, Holger Jon Møller, Hendrik Vilstrup, Jacob George, Detlef Schuppan und Henning Grønbaek	Nat Rev Gastroenterol	10.1038/s41575-018-0082-x
2019	03	09	The Role of SVZ Stem Cells in Glioblastoma	Christine Altmann, Stefanie Keller und Mirko H. H. Schmidt	Cancers (Basel)	10.3390/cancers11040448
2019	03	11	Role of antibodies in confining cytomegalovirus after reactivation from latency: three decades' résumé	Astrid Krmpotić, Jürgen Podlech, Matthias J. Reddehase , William J. Britt, Stipan Jonjić	Med Microbiol Immun	10.1007/s00430-019-00600-1
2019	03	11, 14	Coincident airway exposure to low-potency allergen and cytomegalovirus sensitizes for allergic airway disease by viral activation of migratory dendritic cells	Sebastian Reuter, Niels A. W. Lemmermann , Joachim Maxeiner, Jürgen Podlech, Hendrik Beckert, Kirsten Freitag, Daniel Teschner, Frederic Ries, Christian Taube, Roland Buhl, Matthias J. Reddehase	PLoS Pathog	10.1371/journal.ppat.1007595
2019	04	11	Cellular reservoirs of latent cytomegaloviruses	Matthias J. Reddehase und Niels A. W. Lemmermann	Med Microbiol Immun	10.1007/s00430-019-00592-y
2019	04	11	Transcripts expressed in cytomegalovirus latency coding for an antigenic IE/E phase peptide that drives "memory inflation"	Angélique Renzaho, Julia K. Schmiecke, Marion Griessl, Birgit Kühnapfel, Christof K. Seckert und Niels A. W. Lemmermann	Med Microbiol Immun	10.1007/s00430-019-00615-8
2019	04	11	Function of the cargo sorting dileucine motif in a cytomegalovirus immune evasion protein	Annette Fink, Snežana Vuković, Franziska Baum, Matthias J. Reddehase , Luise Fiorin und Niels A. W. Lemmermann	Med Microbiol Immun	10.1007/s00430-019-00604-x
2019	04	14	Langerin + CD8 + Dendritic Cells in the Splenic Marginal Zone: Not So Marginal After All	Ronald A Backer, Nathalie Diener und Björn E. Clausen	Front Immunol	10.3389/fimmu.2019.00741
2019	04	16	Modulating inflammation for cancer therapy	Birgit Ritter und Florian R. Greten	J Exp M	10.1084/jem.20181739

2019	05	11	Adverse immunological imprinting by cytomegalovirus sensitizing for allergic airway disease	Matthias J. Reddehase	Med Microbiol Immun	10.1007/s00430-019-00610-z
2019	05	11	Pediatric roots of cytomegalovirus recurrence and memory inflation in the elderly	Stuart P. Adler und Matthias J. Reddehase	Med Microbiol Immun	10.1007/s00430-019-00609-6
2019	06	Z01	Enhancing Sensitivity of Microflow-Based Bottom-Up Proteomics through Postcolumn Solvent Addition	Ute Distler, Mateusz Krzysztof Łącki, Sven Schumann, Markus Wanninger und Stefan Tenzer	Anal Chem	10.1021/acs.analchem.9b00118
2019	07	07	Context-Dependent Role of NF-κB Signaling in Primary Liver Cancer—from Tumor Development to Therapeutic Implications	Carolin Czauderna, Darko Castven, Friederike L. Mahn und Jens U. Marquardt	Cancers (Basel)	10.3390/cancers11081053
2019	08	13	Transcutaneous immunization with CD40 ligation boosts cytotoxic T lymphocyte mediated antitumor immunity independent of CD4 helper cells in mice	Ariane Bialojan, Julian Sohl, Johanna Rausch, Pamela Aranda Lopez, Mark Denny, Peter Langguth, Ann-Kathrin Hartmann, Hideo Yagita, Hans Christian Probst , Hansjörg Schild und Markus P. Radsak	Eur J Immunol	10.1002/eji.201848039
2019	09	10	Myeloid cell-synthesized coagulation Factor X dampens anti-tumor immunity	Claudine Graf , Petra Wilgenbus, Sven Pagel, Jennifer Pott, Federico Marini, Sabine Reyda, Maki Kitano, Stephan Macher-Göppinger, Hartmut Weiler und Wolfram Ruf	Sci Immunol	10.1126/sciimmunol.aaw8405
2019	09	08	PI3K inhibition reduces murine and human liver fibrogenesis in precision-cut liver slices	Emilia Gorea, Emilia Bigaeva, Anouk Oldenburger, Yong Ook Kim, Jörg F. Rippmann, Detlef Schuppan , Miriam Boersema, Peter Olinga	Biochem Pharmacol	10.1016/j.bcp.2019.113633
2019	09	09	Trends and Challenges in Tumor Anti-Angiogenic Therapies	József Jászai und Mirko H.H. Schmidt	Cells	10.3390/cells8091102
2019	09	09	The soluble form of pan-RTK inhibitor and tumor suppressor LRIG1 mediates downregulation of AXL through direct protein–protein interaction in glioblastoma	Virginie Neirinckx, Ann-Christin Hau, Anne Schuster, Sabrina Fritah, Katja Tiemann, Eliane Klein, Petr V. Nazarov, André Matagne, Martyna Szpakowska, Max Meyrath, Andy Chevégné, Mirko H.H. Schmidt	Neurooncol Adv	10.1093/noajnl/vdz024
2019	09	05, 13	RAF kinases are stabilized and required for dendritic cell differentiation and function	Kristina Riegel, Janine Schlöder, Marco Sobczak, Helmut Jonuleit, Bernd Thiede, Hansjörg Schild und Krishnaraj Rajalingam	Cell Death Differ	10.1038/s41418-019-0416-4
2019	10	08	Comparison of murine steatohepatitis models identifies a dietary intervention with robust fibrosis, ductular reaction, and rapid progression to cirrhosis and cancer	Guangyan Wei, Ping An, Kahini A. Vaid, Imad Nasser, Pinzhu Huang, Li Tan, Shuangshuang Zhao, Detlef Schuppan und Yury V. Popov	Am J Physiol Gastroint	10.1152/ajpgi.00041.2019
2019	11	02	Early Treatment of Coxsackievirus B3-Infected Animals With Soluble Coxsackievirus-Adenovirus Receptor Inhibits Development of Chronic Coxsackievirus B3 Cardiomyopathy	Sandra Pinkert, Babette Dieringer, Robert Klopffleisch, Konstantinos Savvatis, Sophie Van Linthout, Markian Pryshliak, Carsten Tschöpe, Karin Klingel, Jens Kurreck, Antje Beling und Henry Fechner	Circ Heart Fail	10.1161/CIRCHEARTFAILURE.119.0
2019	11	05, 06	Cationic Amino Acid Transporter-1-Mediated Arginine Uptake Is Essential for Chronic Lymphocytic Leukemia Cell Proliferation and Viability	Anke Werner, Daniel Pieh, Hakim Echchannaoui, Johanna Rupp, Krishnaraj Rajalingam , Matthias Theobald , Ellen I. Closs und Markus Munder	Front Oncol	10.3389/fonc.2019.01268
2019	12	01	Restricting Glycolysis Preserves T Cell Effector Functions and Augments Checkpoint Therapy	Kathrin Renner, Christina Bruss, Annette Schnell, Gudrun Koehl, Holger M. Becker, Matthias Fante, Ayse-Nur Menevse, Nathalie Kauer, Raquel Blazquez, Lisa Hacker, Sonja-Maria Decking, Toszka Bohn, Stephanie Faerber, Katja Evert, Lisa Aigle, Sabine Amslinger, Maria Landa, Oscar Krijgsman, Elisa A. Rozeman, Christina Brummer, Peter J. Siska, Katrin Singer, Stefanie Pektor, Matthias Miederer, Katrin Peter, Eva Gottfried, Wolfgang Herr, Ibtisam Marchiq, Jacques Pouyssegur, William R. Roush, SuFey Ong, Sarah Warren, Tobias Pukrop, Philipp Beckhove, Sven A. Lang, Tobias Bopp , Christian U. Blank,	Cell Reports	10.1016/j.celrep.2019.08.068
2019	12	07	Predisposition to Apoptosis in Hepatocellular Carcinoma: From Mechanistic Insights to Therapeutic Strategies	Jens U. Marquardt und Frank Edlich	Front Oncol	10.3389/fonc.2019.01421
2020	01	07	Monocentric experiences of stereotactic body radiation therapy (SBRT) for advanced hepatocellular carcinomas (BCLC-C)	Carolin Czauderna, Marcus Stockinger, Anne Ebersberger, Heinz Schmidberger, Lukas Müller, Roman Kloekner, Christoph Düber, Arndt Weinmann, Peter R. Galle und Jens U. Marquardt	Z Gastroenterol	10.1055/a-1072-6683
2020	01	08	Investigating fibrosis and inflammation in an ex vivo NASH murine model	Emilia Gore, Emilia Bigaeva, Anouk Oldenburger, Yvette J. M. Jansen, Detlef Schuppan , Miriam Boersema, Jörg F. Rippmann, Andre Broermann und Peter Olinga	Am J Physiol Gastroint	10.1152/ajpgi.00209.2019
2020	01	12	High Cytotoxic Efficiency of Lentivirally and Alpharetrovirally Engineered CD19-Specific Chimeric Antigen Receptor Natural Killer Cells Against Acute Lymphoblastic Leukemia	Stephan Müller, Tobias Bexte, Veronika Gebel, Franziska Kalensee, Eva Stolzenberg, Jessica Hartmann, Ulrike Koehl, Axel Schambach, Winfried S. Wels, Ute Modlich und Evelyn Ullrich	Front Immunol	10.3389/fimmu.2019.03123
2020	01	Z01	Proteomic Analysis of Brain Region and Sex-Specific Synaptic Protein Expression in the Adult Mouse Brain	Ute Distler, Sven Schumann, Hans-Georg Kessler, Rainer Pielot, Karl-Heinz Smalla, Malte Sielaff, Michael J. Schmeisser und Stefan Tenzer	Cells	10.3390/cells9020313
2020	02	02	Heart-Specific Immune Responses in an Animal Model of Autoimmune Related Myocarditis Mitigated by an Immunoproteasome Inhibitor and Genetic Ablation	Mariella Bockstahler, Andrea Fischer, Carl Christoph Goetzke, Hannah Louise Neumaier, Martina Sauter, Meike Kespohl, Anna-Maria Müller, Christin Meckes, Christian Salbach, Mirjam Schenk, Arnd Heuser, Ulf Landmesser, January Weiner, Benjamin Meder, Lorenz Lehmann, Adelheid Kratzer, Karin	Circulation AHA	10.1161/CIRCULATIONAHA.119.04
2020	02	05	Prohibitory ligands: a growing armamentarium to tackle cancers, osteoporosis, inflammatory, cardiac and neurological diseases.	Dong Wang, Redouane Tabti, Sabria Elderwish, Hussein Abou-Hamdan, Amel Djehal, Peng Yu, Hajime Yurugi, Krishnaraj Rajalingam , Canan G. Nebigil und Laurent Désaubry	Cell Mol Life Sci	10.1007/s00018-020-03475-1
2020	03	08	β-arrestin: Dr Jekyll and Mr Hyde in NASH and fibrosis.	Hiroyuki Abe und Detlef Schuppan	J Hepatol	10.1016/j.jhep.2020.01.016
2020	03	09	CNS-localized myeloid cells capture living invading T cells during neuroinflammation	Beatrice Wasser, Dirk Luchtmann, Julian Löffel, Kerstin Robohm, Katharina Birkner, Albrecht Stroh, Christina Franziska Vogelaar, Frauke Zipp und Stefan Bittner	JEM	10.1084/jem.20190812
2020	03	13	Acid ceramidase of macrophages traps herpes simplex virus in multivesicular bodies and protects from severe disease	Judith Lang, Patrick Bohn, Hilal Bhat, Holger Jastrow, Bernd Walkenfort, Feyza Cansiz, Julian Fink, Michael Bauer, Dominik Olszewski, Ana Ramos-Nascimento, Vikas Duhan, Sarah-Kim Friedrich, Katrin Anne Becker, Adalbert Krawczyk, Michael J. Edwards, Andreas Burchert, Magdalena Huber, Justa Friebus-Kardash, Joachim R. Göthert, Cornelia Hardt, Hans Christian Probst , Fabian Schumacher, Karl Köhrer, Burkhard Kleuser, Eduard B. Babychuk, Beate Sodeik, Jürgen Seibel, Urs F. Greber, Philipp A.	Nat Commun	10.1038/s41467-020-15072-8

2020	04	01, 15	Microenvironmental Th9- and Th17-lymphocytes induce metastatic spreading in lung cancer	Ylia Salazar, Xiang Zheng, David Brunn, Hartmann Raifer, Felix S.R. Picard, Yajuan Zhang, Hauke Winter, Stefan Günther, Andreas Weigert, Benno Weigmann, Laure Dumoutier, Jean-Christophe Renauld, Ari Waisman , Anja Schmall, Amanda Tufman, Ludger Fink, Bernhard Brüne, Tobias Bopp , Friedrich Grimminger, Werner Seeger, Soni Savai Pullamsetti, Magdalena Huber und Rajkumar Savai	JCI	10.1172/JCI124037
2020	04	09	Tunneling Nanotubes and Tumor Microtubes in Cancer.	Cora Roehlecke und Mirko H. H. Schmidt	Cancers (Basel)	10.3390/cancers12040857
2020	04	02	ONX 0914 Lacks Selectivity for the Cardiac Immunoproteasome in CoxsackievirusB3 Myocarditis of NMRI Mice and Promotes Virus-Mediated Tissue Damage	Hannah Louise Neumaier, Shelly Harel, Karin Klingel, Ziya Kaya, Arnd Heuser, Meike Kespohl und Antje Beling	Cells	10.3390/cells9051093
2020	04	11	Cytomegalovirus-Associated Inhibition of Hematopoiesis Is Preventable by Cytoimmunotherapy With Antiviral CD8 T Cells	Angelique Renzaho, Jürgen Podlech, Birgit Kühnapfel, Franziska Blaum, Matthias J. Reddehase und Niels A. W. Lemmermann	Front Cell Infect Micro	10.3389/fcimb.2020.00138
2020	04	05, 13	ERK3/MAPK6 controls IL-8 production and chemotaxis	Katarzyna Bogucka, Malvika Pompaiah, Federico Marini, Harald Binder, Gregory Harms, Manuel Kaulich, Matthias Klein, Christian Michel, Markus P Radsak, Sebastian Rosigkeit, Peter Grimminger,	eLife	10.7554/eLife.52511
2020	04	05, Z01	Proteogenomics analysis unveils a TFG-RET gene fusion and druggable targets in papillary thyroid carcinomas	Aswini Krishnan, Jean Berthelet, Emilie Renaud, Sebastian Rosigkeit, Ute Distler, Eric Stawiski, Jing Wang, Zora Modrusan, Marc Fiedler, Mariann Blien, Stefan Tenzer , Arno Schad, Wilfried Roth, Bernd Thiede, Somasekar Seshagiri,	Nat Commun	10.1038/s41467-020-15955-w
2020	04	11, 14	Insufficient Antigen Presentation Due to Viral Immune Evasion Explains Lethal Cytomegalovirus Organ Disease After Allogeneic Hematopoietic Cell Transplantation	Rafaela Holtappels , Sina I. Schader, Oliver Oettel, Jürgen Podlech, Christof K. Seckert, Matthias J. Reddehase und Niels A. W. Lemmermann	Front Cell Infect Micro	10.3389/fcimb.2020.00157
2020	05	01, 13	Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells	Laura Schaupp, Sabine Muth, Leif Rogell, Michael Kofoed-Branzk, Felix Melchior, Stefan Lienenklaus, Stephanie C. Ganal-Vonarburg, Matthias Klein, Fabian Guendel, Tobias Hain, Kristian Schütze, Ulrike Grundmann, Vanessa Schmitt, Martina Dorsch, Julia Spanier, Pia-Katharina Larsen, Thomas Schwanz, Sven Jäckel, Christoph Reinhardt, Tobias Bopp , Sven Danckwardt, Karsten Mahnke, Gitta Anne Heinz, Mir-Farzin Mashreghi, Pawel Durek, Ulrich Kalinke, Oliver Kretz, Tobias B. Huber, Siegfried Weiss, Christoph Wilhelm, Andrew J. Macpherson, Hansjörg Schild , Andreas Diefenbach und Hans Christian	Cell	10.1016/j.cell.2020.04.022
2020	05	13	Type 1 T reg Cells Promote the Generation of CD8 + Tissue-Resident Memory T Cells.	Cristina Ferreira, Leandro Barros, Marta Baptista, Birte Blankenhaus, André Barros, Patricia Figueiredo-Campos, Špela Konjar, Alexandra Lainé, Nadine Kamenjarin, Ana Stojanovic, Adelheid Cerwenka, Hans C. Probst , Julien C Marie und Marc Veldhoen	Nat Immunol	10.1038/s41590-020-0674-9
2020	05	15	Cell-specific conditional deletion of interleukin-1 (IL-1) ligands and its receptors: a new toolbox to study the role of IL-1 in health and disease	Emmanuel Pinteaux, Wesam H Abdulaal, Ilgiz A Mufazalov, Neil E Humphreys, Maj Simonsen-Jackson, Sheila Francis, Werner Müller und Ari Waisman	J Mol Med (Bern)	10.1007/s00109-020-01928-5
2020	05	05	A Subset of Flavaglines Inhibits KRAS Nanoclustering and Activation	Hajime Yurugi, Yinyin Zhuang, Farid A. Siddiqui, Hong Liang, Sebastian Rosigkeit, Yongpeng Zeng, Hussein Abou-Hamdan, Ernesto Bockamp, Yong Zhou, Daniel Abankwa, Wenting Zhao, Laurent	J Cell Sci	10.1242/jcs.244111
2020	06	11	Enhancement of Antigen Presentation by Deletion of Viral Immune Evasion Genes Prevents Lethal Cytomegalovirus Disease in Minor Histocompatibility Antigen-Mismatched Hematopoietic Cell Transplantation	Emin Gezinir, Jürgen Podlech, Kerstin M. Gergely, Sara Becker, Matthias J. Reddehase und Niels A. W. Lemmermann	Front Cell Infect Micro	10.3389/fcimb.2020.00279
2020	06	17	A liposomal RNA vaccine inducing neoantigen-specific CD4+ T cells augments the antitumor activity of local radiotherapy in mice	Nadja Salomon, Fulvia Vascotto, Abderaouf Selmi, Mathias Vormehr, Juliane Quinkhardt, Thomas Bukur, Barbara Schrörs, Martin Löewer, Mustafa Diken, Özlem Türeci, Ugur Sahin und Sebastian	Oncolmunology	10.1080/2162402X.2020.177192
2020	07	01, 15	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the blood-brain barrier	Judith Hauptmann, Lisa Johann, Federico Marini, Maja Kitic, Elisa Colombo, Ilgiz A. Mufazalov, Martin Krueger, Khalad Karram, Sonja Moos, Florian Wanke, Florian C. Kurschus, Matthias Klein, Silvia Cardoso, Judith Strauß, Subhashini Bolisetty, Fred Lühder, Markus Schwaninger, Harald Binder, Ingo Bechman, Tobias Bopp , Anupam Agarwal, Miguel P. Soares, Tommy Regen und Ari Waisman	Acta Neuropathol	10.1007/s00401-020-02187-x
2020	07	15	Mast cell-deficiency protects susceptible BALB/c mice from progressive murine cutaneous leishmaniasis.	Kirsten Dietze-Schwonberg, Beate Lorenz, Ann-Kathrin Hartmann, Michael Stassen und Esther von Stebut	J Invest Dermatol	10.1016/j.jid.2020.06.023
2020	07	09	Neuropsychological Symptoms After Anterior Cerebral Artery Ischemic Stroke	Kim M, Spreer A, Cuvnhaus H, Birklein F, Zipp F , Baier B	Can J Neurol Sci	10.1017/cjn.2020.142
2020	07	11, 14	Revisiting CD8 T-cell 'Memory Inflation': New Insights with Implications for Cytomegalovirus as Vaccine Vectors	Rafaela Holtappels , Kirsten Freitag, Angelique Renzaho, Sara Becker, Niels A W Lemmermann und Matthias J Reddehase	Vaccines (Basel)	10.3390/vaccines8030402
2020	08	05	The non-linearity of RAF-MEK signaling in dendritic cells	Kristina Riegel und Krishnaraj Rajalingam	Cell Cycle	10.1080/15384101.2020.179599
2020	08	16	AKT-dependent NOTCH3 activation drives tumor progression in a model of mesenchymal colorectal cancer	Julia Varga, Adele Nicolas, Valentina Petrocelli, Marina Pesic, Abdelrahman Mahmoud, Birgitta E. Michels, Emre Etioglu, Diego Yepes, Björn Häupl, Paul K. Ziegler, Katrin Bankov, Peter J. Wild, Stefan Wanninger, Hind Medyouf, Henner F. Farin, Sabine Tejpar, Thomas Oellerich, Jürgen Ruland, Christian	J Exp M	10.1084/jem.20191515
2020	08	08	In Vivo siRNA Delivery to Immunosuppressive Liver Macrophages by α-Mannosyl-Functionalized Cationic Nanohydrogel Particles	Leonard Kaps, Nadine Leber, Adrian Klefenz, Niklas Choteschovsky, Rudolf Zentel, Lutz Nuhn und Detlef Schuppan	Cells	10.3390/cells9081905
2020	08	09	Supplementary medication in multiple sclerosis: Real-world experience and potential interference with neurofilament light chain measurement	Katrin Pape, Falk Steffen, Frauke Zipp und Stefan Bittner	Mult Scler J Exp Transl	10.1177/2055217320936318
2020	08	11, Z01	Positive Role of the MHC Class-I Antigen Presentation Regulator m04/gp34 of Murine Cytomegalovirus in Antiviral Protection by CD8 T Cells	Sara Becker, Annette Fink, Jürgen Podlech, Irina Giese, Julia K. Schmiedeke, Thomas Bukur , Matthias J. Reddehase und Niels A. Lemmermann	Front Cell Infect Micro	10.3389/fcimb.2020.00454
2020	09	08	Novel Opportunities for Cathepsin S Inhibitors in Cancer Immunotherapy by Nanocarrier-Mediated Delivery	Natalie Fuchs, Mergim Meta, Detlef Schuppan , Lutz Nuhn und Tanja Schirmeister	Cells	10.3390/cells9092021

2020	09	07	Translational Considerations to Improve Response and Overcome Therapy Resistance in Immunotherapy for Hepatocellular Carcinoma	Sophia Heinrich, Darko Castven, Peter R. Galle und Jens U. Marquardt	Cancers (Basel)	10.3390/cancers12092495
2020	09	08	Targeting Cancer Associated Fibroblasts in Liver Fibrosis and Liver Cancer Using Nanocarriers	Leonard Kaps und Detlef Schuppan	Cells	10.3390/cells9092027
2020	09	08	Nano-Enhanced Cancer Immunotherapy: Immunology Encounters Nanotechnology	Ernesto Bockamp, Sebastian Rosigkeit, Dominik Siegl und Detlef Schuppan	Cells	10.3390/cells9092102
2020	09	14	Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis	Tran S, Baba I, Poppel L, Dussaud S, Moreau M, Gélinau A, Marcelin G, Magréau-Davy E, Ouhachi M, Lesnik P, Boissonnas A, Le Goff W, Clausen BE , Yvan-Charvet L, Sennlaub F, Huby T, Gautier EL	Immunity	10.1016/j.immuni.2020.06.003
2020	09	14, 15	Induction of regulatory T cells in L. major-infected BALB/c mice does not require Langerin + dendritic cells	Dominika Lukas, Kirsten Dietze-Schwonberg, Kordula Kautz-Neu, Beate Lorenz, Nir Yogev, Björn E. Clausen und Esther von Stebut	J Invest Dermatol	10.1016/j.jid.2020.04.033
2020	10	05	ERK3/MAPK6 is required for KRAS-mediated NSCLC tumorigenesis	Bogucka K, Marini F, Rosigkeit S, Schloeder J, Jonuleit H, David K, Schlackow M, Rajalingam K	Cancer Gene Ther	10.1038/s41417-020-00245-w
2020	10	07	Yes-associated protein (YAP) induces a secretome phenotype and transcriptionally regulates plasminogen activator Inhibitor-1 (PAI-1) expression in hepatocarcinogenesis	Marquard S, Thomann S, Weiler SME, Bissinger M, Lutz T, Sticht C, Tóth M, de la Torre C, Gretz N, Straub BK, Marquardt J , Schirmacher P, Breuhahn K	Cell Commun Signal	10.1186/s12964-020-00634-6
2020	10	08	3D analysis of microvasculature in murine liver fibrosis models using synchrotron radiation-based microtomography	Wagner WL, Föhst S, Hock J, Kim YO, Popov Y, Schuppan D , Schladitz K, Redenbach C, Ackermann M	Angiogenesis	10.1007/s10456-020-09751-9
2020	10	12	Immunotherapy with NK cells: recent developments in gene modification open up new avenues	Lisa Marie Reindl, Nawid Albinger, Tobias Bexte, Stephan Müller, Jessica Hartmann & Evelyn Ullrich	Onco Immunology	10.1080/2162402X.2020.1777651
2020	10	16	AKT-dependent NOTCH3 activation drives tumor progression in a model of mesenchymal colorectal cancer	Varga J, Nicolas A, Petrocchi V, Pestic M, Ivanmoud A, Michels BE, Ertoglu E, Reyes D, Haupt B, Ziegler PK, Bankov K, Wild PJ, Wanninger S, Medyouf H, Farin HF, Tejpar S, Oellerich T, Ruland J, Siebel CW, Schuppan D	J Exp Med	10.1084/jem.20191515
2020	11	02	Macrophage protease-activated receptor 2 regulates fetal liver erythropoiesis in mice	Mona Saffarzadeh, Kristin Grunz, T Son Nguyen, Young K Lee, Maki Kitano, Sven Danckwardt, Carina D S Rodrigues, Hartmut Weiler, Sabine Reyda, Wolfram Ruf	Blood advances	10.1182/bloodadvances.20200032
2020	11	06	Effect of ABC transporter expression and mutational status on survival rates of cancer patients	Kadioglu O, Saeed MEM, Munder M , Spuller A, Greten HJ, Efferth T	Biomed Pharmacother	10.1016/j.biopha.2020.110718
2020	12	08	Endotrophin, a pro-peptide of Type VI collagen, is a biomarker of survival in cirrhotic patients with hepatocellular carcinoma	Leeming DJ, Nielsen SH, Vongsuvan R, Uchila P, Nielsen MJ, Reese-Petersen AL, van der Poorten D, Eslam M, Schuppan D , Karsdal MA, George J	Hepat Oncol	10.2217/hep-2020-0030
2020	12	09	Neuron-Glia Interaction in the Developing and Adult Enteric Nervous System	Pawolski V, Schmidt MHH	Cells	10.3390/cells10010047
2020	12	15	Treg activation status depends on psoriasis therapy regime	Wegner J, Krebs FK, Tuettenberg A, von Stebut E	J Dtsch Dermatol Ges	10.1111/ddg.14368
2021	01	16	Immune cell - produced ROS and their impact on tumor growth and metastasis	Kennel KB, Greten FR	Redox Biol	10.1016/j.redox.2021.101891
2021	01	16	The inflammatory pathogenesis of colorectal cancer	Schmitt M, Greten FR	Nat Rev Immunol	10.1038/s41577-021-00534-x
2021	02	01, 15	IL-17 controls central nervous system autoimmunity through the intestinal microbiome	Regen T, Isaac S, Amorim A, Núñez NG, Hauptmann J, Shanmugavadivu A, Klein M, Sankowski R, Mufazalov IA, Yogev N, Huppert J, Wanke F, Witting M, Grill A, Gálvez EIC, Nikolaev A, Blanfeld M, Prinz J, Schmitt-Kopplin P, Strowig T, Reinhardt C, Prinz M, Bopp T , Becher B, Ubeda C, Waisman A	Sci Immunol	10.1126/sciimmunol.aaz6563
2021	02	06, 201	Inhibition of Arginase 1 Liberates Potent T Cell Immunostimulatory Activity of Human Neutrophil Granulocytes	Vonwirth V, Bülbül Y, Werner A, Echchannaoui H, Windschmitt J, Habermeier A, Ioannidis S, Shin N, Conradi R, Bros M, Tenzer S , Theobald M , Closs EI, Munder M	Front Immunol	10.3389/fimmu.2020.617699
2021	02	02	Mitigated viral myocarditis in A/J mice by the immunoproteasome inhibitor ONX 0914 depends on inhibition of systemic inflammatory responses in CoxsackievirusB3 infection	Goetzke CC, Althof N, Neumaier HL, Heuser A, Kaya Z, Kespohl M, Klingel K, Beling A	Basic Res Cardiol	10.1007/s00395-021-00848-w
2021	02	05	Druggable genome and precision medicine in cancer: current challenges	Dupont CA, Riegel K, Pompaiah M, Juhl H, Rajalingam K	FEBS J	10.1111/febs.15788
2021	02	Z01	Label-Free Proteomics of Quantity-Limited Samples Using Ion Mobility-Assisted Data-Independent Acquisition Mass Spectrometry	Distler U, Sielaff M, Tenzer S	Methods Mol Biol	10.1007/978-1-0716-1024-4_23
2021	02	06	Selective elimination of immunosuppressive T cells in patients with multiple myeloma	Awad MHS, Mahmoud A, Bruns H, Echchannaoui H, Kriegsmann K, Lutz R, Raab MS, Bertsch U, Munder M , Jauch A, Weisel K, Maier B, Weinhold N, Salwender HJ, Eckstein V, Hänel M, Fenk R, Dürig J, Brors B, Benner A, Müller-Tidow C, Goldschmidt H, Hundemer M	Leukemia	10.1038/s41375-021-01172-x
2021	02	08	New 3-Aryl-2-(2-thienyl)acrylonitriles with High Activity Against Hepatoma Cells	Schaller E, Ma A, Gosch LC, Klefenz A, Schaller D, Goehringer N, Kaps L, Schuppan D , Volkamer A, Schobert R, Biersack B, Nitzsche B, Höpfner M	Int J Mol Sci	10.3390/ijms22052243
2021	02	09	Motor ability, physical self-concept and health-related quality of life in pediatric cancer survivors	Benzing V, Siegwart V, Spitzhüttl J, Schmid J, Grotzer M, Roebbers CM, Steinlin M, Leibundgut K, Everts R, Schmidt M	Cancer Med	10.1002/cam4.3750
2021	03	01, 12	Immune Cells for Battle: A Brief Journey through the Advancements of T and NK Cell Immunotherapy	Wendel P, Reindl LM, Bexte T, Künemeyer L, Särchen V, Albinger N, Mackensen A, Rettinger E, Bopp T , Ullrich E	Cancers (Basel)	10.3390/cancers13061481
2021	03	02, 07, 1	Lipid presentation by the protein C receptor links coagulation with autoimmunity	Müller-Calleja N, Hollerbach A, Royce J, Ritter S, Pedrosa D, Madhusudhan T, Teifel S, Meineck M, Häuser F, Canisius A, Nguyen TS, Braun J, Bruns K, Etzold A, Zechner U, Strand S , Radsak M, Strand D, Gu JM, Weinmann-Menke J, Esmen CT, Teyton L, Lackner KJ, Ruf W	Science	10.1126/science.abc0956
2021	03	15	Unraveling the Role of Immune Checkpoints in Leishmaniasis	de Freitas E Silva R, von Stebut E	Front Immunol	10.3389/fimmu.2021.620144
2021	04	02, 07	Roles of factor Xa beyond coagulation	Ruf W	Thromb Thrombolysis	10.1007/s11239-021-02458-8
2021	04	14	Revisiting Current Concepts on the Tolerogenicity of Steady-State Dendritic Cell Subsets and Their Maturation Stages	Lutz MB, Backer RA, Clausen BE	J Immunol	10.4049/jimmunol.2001315

2021	04	07	The Consumption of Cholesterol-Enriched Diets Conditions the Development of a Subtype of HCC with High Aggressiveness and Poor Prognosis	Simioni-Nieves A, Saras-Silva S, Chavez-Rodriguez L, Escobedo-Cavario A, Desotex M, Bucio L, Souza V, Miranda-Labra RU, Muñoz-Espinosa LE, Coulouarn C, Gutiérrez-Ruiz MC, Marquardt JU , Gomez-Garcia JM	Cancers (Basel)	10.3390/cancers13071721
2021	04	11	Stochastic Episodes of Latent Cytomegalovirus Transcription Drive CD8 T-Cell "Memory Inflation" and Avoid Immune Evasion	Griessl M, Renzaho A, Freitag K, Seckert CK, Reddehase MJ , Lemmermann NAW	Front Immunol	10.3389/fimmu.2021.668885
2021	04	Z01	OpenTIMS, TimsPy, and TimsR: Open and Easy Access to timsTOF Raw Data	Łącki MK, Startek MP, Brehmer S, Distler U, Tenzen S	J Proteome Res	10.1021/acs.jproteome.0c00962
2021	05	12,13	Characterization and Manipulation of the Crosstalk Between Dendritic and Natural Killer Cells Within the Tumor Microenvironment	Jacobs B, Gebel V, Heger L, Grèze V, Schild H , Dudziak D, Ulrich E	Front Immunol	10.3389/fimmu.2021.670540
2021	05	09	The neuroinflammation collection: a vision for expanding neuro-immune crosstalk in Brain	Irani SR, Nath A, Zipp F	Brain	10.1093/brain/awab187
2021	05	12	Current status and perspective of CAR-T and CAR-NK cell therapy trials in Germany	Albinger N, Hartmann J, Ulrich E	Gene Ther	10.1038/s41434-021-00246-w
2021	05	15	Depletion of CD56+CD3+ invariant natural killer T cells prevents allergen-induced inflammation in humanized mice	Ose R, Weigmann B, Schuppan D, Waisman A , Saloga J, Bellinghausen I	J Allergy Clin Immunol	10.1016/j.jaci.2021.05.005
2021	08	07	Epigenetic modifications precede molecular alterations and drive human hepatocarcinogenesis.	Czauderna C, Poplawski A, O'Rourke CJ, Castven D, Pérez-Aguilar B, Becker D, Heilmann-Heimbach S, Odenthal M, Amer W, Schmiel M, Drebber U, Binder H, Ridder DA, Schindeldecker M, Straub BK, Galle PR, Andersen JB, Thorgeirsson SS, Park YN, Marquardt JU .	JCI Insight	10.1172/jci.insight.146196.
2021	07	01	Microbial short-chain fatty acids modulate CD8 + T cell responses and improve adoptive immunotherapy for cancer	Luu M, Riestler Z, Baldrich A, Reichardt N, Yuille S, Buseti A, Klein M, Wempe A, Leister H, Raifer H, Picard F, Muhammad K, Ohl K, Romero R, Fischer F, Bauer CA, Huber M, Gress TM, Lauth M, Danhof S, Bopp T , Nerretter T, Mulder IE, Steinhoff U, Hudecek M, Visekruna A.	Nat Commun	10.1038/s41467-021-24331-1
2021	07	02	Coxsackievirus B3 Exploits the Ubiquitin-Proteasome System to Facilitate Viral Replication	Voss M, Braun V, Bredow C, Kloetzel PM, Beling A	Viruses	10.3390/v13071360
2021	06	02	Exploration of Analgesia with Tramadol in the Coxsackievirus B3 Myocarditis Model	Pinkert S, Kespohl M, Kelm N, Kaya Z, Heuser A, Klingel K, Beling A .	Viruses	10.3390/v13071222.
2021	07	02, 10	Advocacy of targeting protease-activated receptors in severe coronavirus disease 2019	Subramaniam S, Ruf W , Bosmann M.	Br J Pharmacol	doi: 10.1111/bph.15587
2021	07	02, 10, 0	Pathogenic lipid-binding antiphospholipid antibodies are associated with severe COVID-19	Hollerbach A, Müller-Calleja N, Pedrosa D, Canisius A, Sprinzl MF , Falter T, Rossmann H, Bodenstein M, Werner C, Sagoschen I, Münzel T, Schreiner O, Sivanathan V, Reuter M, Niermann J, Galle PR, Teyton	J Thromb Haemost	10.1111/jth.15455.
2021	07	04, 09	Targeting Immune Modulators in Glioma While Avoiding Autoimmune Conditions	Bitar L, Schumann U, König R , Zipp F , Schmidt MHH .	Cancers	10.3390/cancers13143524
2021	06	06	A133p53α enhances metabolic and cellular fitness of TCR-engineered T cells and improves anti-tumor activity	Legscha KJ, Antunes Ferreira E, Chamoun A, Lang A, Awwad MHS, Ton GNHQ, Galetzka D, Guezguez B, Hundemer M, Bourdon JC, Munder M , Theobald M , Echchannaoui H	J Immunother Cancer	0.1136/jitc-2020-001846.
2021	08	15	TNF-α blockade may lead to improvement of vascular function in psoriasis patients	Wegner J, Karbach S, Drosos I, Schnorbus B, Muxel S, Schmidt F, Wenzel P, Waisman A , Münzel T, Gori T, von Stebut E	Exp Dermatol.	10.1111/exd.14452
2021	08	09	Pro-inflammatory T helper 17 directly harms oligodendrocytes in neuroinflammation	Larochelle C, Wasser B, Jamann H, Löffel JT, Cui QL, Tastet O, Schillner M, Luchtman D, Birkenstock J, Stroh A, Antel J, Bittner S, Zipp F .	Proc Natl Acad Sci U S A	10.1073/pnas.2025813118.
2021	08	11, 14	Consequence of Histoincompatibility beyond GvH-Reaction in Cytomegalovirus Infection	Reddehase MJ , Holtappels R , Lemmermann NAW .	Viruses	10.3390/v13081530.
2021	06	11	Direct Evidence for Viral Antigen Presentation during Latent Cytomegalovirus Infection	Lemmermann NAW , Reddehase MJ	Pathogens	10.3390/pathogens10060731
2021	07	11, 14	Immunodominant Cytomegalovirus Epitopes Suppress Subdominant Epitopes in Antigen Presentation	Freitag K, Hamdan S, Reddehase MJ , Holtappels R .	Pathogens	10.3390/pathogens10080956
2021	08	12	Unleashing the power of NK cells in anticancer immunotherapy	Vogler M, Shanmugalingam S, Särchen V, Reindl LM, Grèze V, Buchinger L, Kühn M, Ulrich E .	J Mol Med (Berl)	10.1007/s00109-021-02120-z
2021	08	13	CD27 expression on Treg cells limits immune responses against tumors	Muth S, Klaric A, Radsak M, Schild H , Probst HC	J Mol Med (Berl)	10.1007/s00109-021-02116-9.
2021	07	5	Immunohistochemical markers for histopathological diagnosis and differential diagnosis of melanoma	Wegner J, Weidenthaler-Barth B, Engelbert J, Knothe M, Braun C, Helbig D, Sacher C, Kreft A, Wagner EM, Ziemer M, Meyer RG, von Stebut E	Exp Dermatol	10.1111/exd.14416
2021	10	02	Ring Finger Protein 213 Assembles into a Sensor for ISGylated Proteins with Antiviral Activity	Fabien Thery, Lia Martina, Caroline Asselman, Heidi Repo, Yifeng Zhang, Koen Sedeyn, George D. Moschonas, Clara Bredow, Qi Wen Teo, Jingshu Zhang, Madeleine Vessely, Kevin Leandro, Denzel Eggermont, Delphine De Sutter, Katie Boucher, Tino Hocheppied, Nele Festjens, Nico Callewaert, View ORCID ProfileXavier Saelens, View ORCID ProfileBart Dermaut, Klaus-Peter Knobeloch, Antje Beling .	Nat Commun	10.1101/2021.06.03.446796
2021	11	02	Altered ISGylation drives aberrant macrophage-dependent immune responses during COVID-19	Deeksha Munnur, Qiwen Teo, Denzel Eggermont, Horace HY Lee, Fabien Thery, Julian Ho, Sophie Wilhelmina van Leur, Wilson WS Ng, Lewis YL Siu, Antje Beling , Hidde Ploegh, Adan Pinto-Fernandez, Andreas Damianou, Benedikt Kessler, Francis Impens, Chris Ka Pun Mok and Sumana Sanyal	Nat Immunol	10.21203/rs.3.rs-63942/v1
2021	10	05, 13, Z0	ERK5 modulates IL-6 secretion and contributes to tumor-induced immune suppression	Kriegel K, Yurugi H, Schneider J, Jontjiet H, Kaulich M, Kirschner F, Arnold-Schindl D, Tenzen S , Schild H , Rajalingam K .	Cell Death Dis.	10.1038/s41419-021-04257-8
2021	10	01	Therapeutic melanoma inhibition by local micelle-mediated cyclic nucleotide signaling	Totahm K, Bohn T, Shanmugalingam S, Luchtman D, Birke A, Jantzen H, Heilmann M, Klein M, Kaker VK, Bopp T , Barz W, Derks C	Nat Commun.	10.1038/s41467-021-26269-w
2021	09	04, 05, 0	SAMHD1 in cancer: curse or cure?	Schott K, Majer C, Bulashevskaya A, Childs L, Schmidt MHH , Rajalingam K , Munder M , König R .	J Mol Med (Berl)	10.1007/s00109-021-02131-w
2021	09	15	Repositioning TH cell polarization from single cytokines to complex help	Tuzlak S, Dejean AS, Iannaccone M, Quintana FJ, Waisman A , Ginhoux F, Korn T, Becher B	Nat Immunol	10.1038/s41590-021-01009-w
2021	10	15, Z01	Cross-reactive, natural IgG recognizing L. major promote parasite internalization by dendritic cells and promote protective immunity	Dermicik F, Lopez Kostka S, Tenzen S , Waisman A , Von Stebut E	J Mol Med (Berl)	10.1007/s00109-021-02137-4

2021	12	01, 201	NFATS Controls the Integrity of Epidermis	Khalid Muhammad, Delicia Xavier, Stefan Klein-Hessling, Muhammad Azeem, Tabea Rauschenberger, Krisna Murti, Andris Avots, Matthias Goebeler, Matthias Klein, Tobias Bopp , Malte Sielaff, Stefan Tenzer , Sigrid Möckel, José Aramburu, Cristina López-Rodríguez, Andreas Kerstan, Edgar	Front Immunol	10.3389/fimmu.2021.780727
2021	10	10	Anticoagulation with Factor Xa Inhibitors Is Associated with Improved Overall Response and Progression-Free Survival in Patients with Metastatic Malignant Melanoma Receiving Immune Checkpoint Inhibitors—A Retrospective, Real-World Cohort Study	Maximilian Haist, Henner Stege, Saskia Pempler, Jaqueline Heinz, Maria Isabel Fleischer, Claudine Graf , Wolfram Ruf , Carmen Loquai, Stephan Grabbe	Cancers (Basel)	10.3390/cancers13205103
2021	10	05,12	COVID-19 in multiple-myeloma patients: cellular and humoral immunity against SARS-CoV-2 in a short- and long-term view	Ivana von Metzler, Julia Campe, Sabine Huenecke, Marc S Raab, Hartmut Goldschmidt, Ralf Schubert, Holger F Rabenau, Sandra Ciesek , Hubert Serve, Evelyn Ullrich	J Mol Med (Berl)	10.1007/s00109-021-02114-x
2021	11	06	Repurposing of the ALK Inhibitor Crizotinib for Acute Leukemia and Multiple Myeloma Cells	Joelle C Boulos, Mohamed E M Saeed, Manik Chatterjee, Yagmur Bülbül, Francesco Crudo, Doris Marko, Markus Munder , Sabine M Klauack, Thomas Efferth	Pharmaceuticals (Basel)	10.3390/ph14111126
2021	12	08	Measurement of Reactive Oxygen and Nitrogen Species in Living Cells Using the Probe 2',7'-Dichlorodihydrofluorescein	Dornas W, Schuppan D .	Bio Protoc.	10.21769/BioProtoc.4279
2021	11	15, 20N	B Lymphocyte-Deficiency in Mice Causes Vascular Dysfunction by Inducing Neutrophilia	Xia N, Hasselwander S, Reifenberg G, Habermeier A, Closs El, Mimmler M, Jung R, Karbach S, Lagrange J, Wenzel P, Daiber A, Münzel T, Hövelmeyer N , Waisman A , Li H	Biomedicines	10.3390/biomedicines9111686
2021	11	15	The K63 deubiquitinase CYLD modulates autism-like behaviors and hippocampal plasticity by regulating autophagy and mTOR signaling	Colombo E, Horta G, Roesler MK, Ihbe N, Chhabra S, Radyushkin K, Di Liberto G, Kreuzfeldt M, Schumann S, von Engelhardt J, Merkler D, Behl C, Mittmann T, Clement AM, Waisman A , Schmeisser MJ	Proc Natl Acad Sci U S A	10.1073/pnas.2110755118
2021	11	08	Liquid biomarkers for fibrotic NASH - progress in a complex field	Schuppan D , Myneni S, Surabattula R.	J Hepatol.	10.1016/j.jhep.2021.11.005
2021	12	08	A structurally engineered fatty acid, icosabutate, suppresses liver inflammation and fibrosis in NASH	Fraser DA, Wang X, Lund J, Nikolić N, Iruarizaga-Lejarreta M, Skjaeret T, Alonso C, Kastelein JJP, Rustan AC, Kim YO, Schuppan D .	J Hepatol.	10.1016/j.jhep.2021.12.004
2021	12	08	Fibrogenesis Marker PRO-C3 Is Higher in Advanced Liver Fibrosis and Improves in Patients Undergoing Bariatric Surgery	Bel Lassen P, Nori N, Bedossa P, Genser L, Aron-Wisniewsky J, Poitou C, Surabattula R, Juul Nielsen M, Asser Karsdal M, Julie Leeming D, Schuppan D , Clément K.	J Clin Endocrinol Metab	10.1210/clinem/dgab897
2021	11	09	A lymphocyte-glia connection sets the pace for smoldering inflammation	Bittner S, Zipp F	Cell	10.1016/j.cell.2021.10.018
2021	11	09	Impact of Dietary Intervention on Serum Neurofilament Light Chain in Multiple Sclerosis	Bock M, Steffen F, Zipp F , Bittner S	Neurol Neuroimmunol	10.1212/NXI.0000000000001102
2021	12	15	Interleukin-23 receptor expressing γδ T cells locally promote early atherosclerotic lesion formation and plaque necrosis in mice	Gil-Pulido J, Amézaga N, Jorgacevic I, Manthey HD, Rösch M, Brand T, Cidlinsky P, Schäfer S, Beilhack A, Saliba AE, Lorenz K, Boon L, Prinz I, Waisman A , Korn T, Cochain C, Zerneck A.	Cardiovasc Res	10.1093/cvr/cvab359
2022	04	02	A Conserved Cysteine Residue in Coxsackievirus B3 Protein 3A with Implication for Elevated Virulence	Martin Voss, Sandra Pinkert, Meike Kespohl, Niclas Gimber, Karin Klingel, Jan Schmoranzler, Michael Laue, Matthias Gaida, Peter-Michael Kloetzel, Antje Beling	Viruses	10.3390/v14040769
2022	01	02	A cytosolic disulfide bridge-supported dimerization is crucial for stability and cellular distribution of Coxsackievirus B3 protein 3A	Martin Voss, Gunnar Kleinau, Niclas Gimber, Katharina Janek, Clara Bredow, Fabien Thery, Francis Impens, Jan Schmoranzler, Patrick Scheerer, Peter-Michael Kloetzel, Antje Beling	FEBS J	10.1111/febs.16368
2022	01	05,12	Severe impairment of T-cell responses to BNT162b2 immunization in patients with multiple myeloma	Julius C Enßle, Julia Campe, Amelie Schwenger, Eliza Wiercinska, Helen Hellstern, Ralf Dürrwald, Michael A Rieger, Sebastian Wolf, Olivier Ballo, Björn Steffen, Hubert Serve, Halvard Bonig, Holger F Rabenau, Marek Widera, Sandra Ciesek , Ivana von Metzler, Evelyn Ullrich	Blood	10.1182/blood.2021013429
2022	05	05,12	Enhanced but variant-dependent serological and cellular immune responses to third-dose BNT162b2 vaccination in patients with multiple myeloma	Julius C Enßle, Julia Campe, Sarah Büchel, Alina Moter, Frederic See, Katharina Griebbaum, Michael A Rieger, Sebastian Wolf, Olivier Ballo, Björn Steffen, Hubert Serve, Holger F Rabenau, Marek Widera, Melanie Bremm, Sabine Huenecke, Sandra Ciesek , Ivana von Metzler, Evelyn Ullrich	Cancer Cell	10.1016/j.ccell.2022.05.003
2022	01	08	Fluorescence Correlation Spectroscopy Monitors the Fate of Degradable Nanocarriers in the Blood Stream	Schmitt S, Huppertsberg A, Klefenz A, Kaps L, Mailänder V, Schuppan D , Butt HJ, Nuhn L, Koynov K.	Biomacromolecules	10.1021/acs.biomac.1c01407
2022	02	08, 20N	Dual roles of B lymphocytes in mouse models of diet-induced nonalcoholic fatty liver disease	Karl M, Hasselwander S, Zhou Y, Reifenberg G, Kim YO, Park KS, Ridder DA, Wang X, Seidel E, Hövelmeyer N , Straub BK, Li H, Schuppan D , Xia N.	Hepatology	10.1002/hep.32428
2022	03	08	Beyond Hemostasis: Platelet Innate Immune Interactions and Thromboinflammation	Mandel J, Casari M, Stepanyan M, Martyanov A, Deppermann C .	Int J Mol Sci	10.3390/ijms23073868
2022	04	09	Inhibition of the enzyme autotaxin reduces cortical excitability and ameliorates the outcome in stroke	Bitar L, Uphaus T, Thalman C, Muthuraman M, Gyr L, Ji H, Domingues M, Endle H, Groppa S, Steffen F, Koirala N, Fan W, Ibanez L, Heitsch L, Cruchaga C, Lee JM, Kloss F, Bittner S, Nitsch R, Zipp F , Vogt J.	Sci Transl Med	10.1126/scitranslmed.abk0135
2022	01	11	Host-Adapted Gene Families Involved in Murine Cytomegalovirus Immune Evasion	Becker S, Fink A, Podlech J, Reddehase MJ, Lemmermann NA	Viruses	10.3390/v14010128

2022	04	11	Hyperglycemia and Not Hyperinsulinemia Mediates Diabetes-Induced Memory CD8 T-Cell Dysfunction	Kavazović I, Krapić M, Beumer-Chuwonpad A, Polić B, Turk Wensveen T, Lemmermann NA , van Gisbergen KPJM, Wensveen FM	Diabetes	10.2337/db21-0209
2022	04	11	Mast Cells Meet Cytomegalovirus: A New Example of Protective Mast Cell Involvement in an Infectious Disease	Becker S, Reddehase MJ, Lemmermann NA	Cells	10.3390/cells11091402
2022	04	05,11,20	The caspase-2 substrate p54nrb exhibits a multifaceted role in tumor cell death susceptibility via gene regulatory functions	Eichler M, Distler U , Nasrullah U, Krishnan A, Kaulich H, Husnjak K, Eberhardt W, Rajalingam K , Tenzer S , Pfeilschifter J, Imre G	Cell Death Dis.	10.1038/s41419-022-04829-2
2022	01	12	T Helper Cell Lineage-Defining Transcription Factors: Potent Targets for Specific GVHD Therapy?	Campe J, Ullrich E	Front Immunol	10.3389/fimmu.2021.806529
2022	04	12	Primary CD33-targeting CAR-NK cells for the treatment of acute myeloid leukemia	Albinger N, Pfeifer R, Nitsche M, Mertlitz S, Campe J, Stein K, Kreyenberg H, Schubert R, Quadflieg M, Schneider D, Kühn MWM , Penack O, Zhang C, Möker N, Ullrich E	Blood Cancer J	10.1038/s41408-022-00660-2
2022	01	12	Pediatric multicellular tumor spheroid models illustrate a therapeutic potential by combining BH3 mimetics with Natural Killer (NK) cell-based immunotherapy	Särchen V, Shanmugalingam S, Kehr S, Reindl LM, Greze V, Wiedemann S, Boedicker C, Jacob M, Bankov K, Becker N, Wehner S, Theilen TM, Gretser S, Gradhand E, Kummerow C, Ullrich E , Vogler M	Cell Death Discov	10.1038/s41420-021-00812-6
2022	04	13	Antigen targeting to dendritic cells: Still a place in future immunotherapy?	Stoitzner P, Romani N, Rademacher C, Probst HC , Mahnke K	Eur J Immunol	10.1002/eji.202149515
2021	12		Inflammatory Monocyte Counts Determine Venous Blood Clot Formation and Resolution	Shahneh F, Christian Probst H , Wiesmann SC, A-Gonzalez N, Ruf W , Steinbrink K, Raker VK, Becker C	Arterioscler Thromb Va	10.1161/ATVBAHA.121.317176
2022	03	13, 201	Epitope length variants balance protective immune responses and viral escape in HIV-1 infection	Pymm P, Tenzer S , Wee E, Weimershaus M, Burgevin A, Kollnberger S, Gerstoft J, Josephs TM, Ladell K, McLaren JE, Appay V, Price DA, Fugger L, Bell JI, Schild H , van Enderp T, Harkioliaki M, Iversen AKN	Cell Rep.	10.1016/j.celrep.2022.110449
2022	02		Ubiquitin-modifying enzymes as regulators of colitis	Ruan J, Schlüter D, Naumann M, Waisman A , Wang X	Trends Mol Med	10.1016/j.molmed.2022.01.006
2021	11		Protection against autoimmunity is driven by thymic epithelial cell-mediated regulation of T reg development	BP, Lutz M, Puertas N, Amorim A, Schärli S, Becher B, Kisielow J, Waisman A , Mashreghi MF, Huehn J, Becher B	Sci Immunol	10.1126/sciimmunol.abf3111
2022	03	15, 20N	CD4 + T-cell-derived IL-10 promotes CNS inflammation in mice by sustaining effector T cell survival	Yogev N, Bedke T, Kobayashi Y, Brockmann L, Lukas D, Regen T, Croxford AL, Nikolav A, Hövelmeyer N , von Stebut E , Prinz M, Ubeda C, Maloy KJ, Gagliani N, Flavell RA, Waisman A , Huber S	Cell Rep.	10.1016/j.celrep.2022.110565
2022	05	15, 20N	Hepatocyte Bcl-3 protects from death-receptor mediated apoptosis and subsequent acute liver failure	Gehrke N, Wörns MA, Mann A, Hövelmeyer N , Waisman A , Straub BK, Galle PR, Schattenberg JM	Cell Death Dis.	10.1038/s41419-022-04946-y
2022	05	15	Epicutaneous application of Imiquimod to model psoriasis-like skin disease induces water-saving aestivation motifs and vascular inflammation	Wild J, Ringen J, Bieler T, Knopp T, Lagrange J, Molitor M, Sies K, Kropp A, Keller K, Daiber A, Münzel T, Rauh M, Waisman A , Wenzel P, Titze J, Karbach S	J Invest Dermatol	10.1016/j.jid.2022.04.023
2022	02	16	Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer	Nicolas AM, Pesic M, Engel E, Ziegler PK, Diefenhardt M, Kennel KB, Buettner F, Conche C, Petrocelli V, Elwakeel E, Weigert A, Zinoveva A, Fleischmann M, Häupl B, Karakütük C, Bohnenberger H, Mosa MH, Kaderali L, Gaedcke J, Ghadimi M, Rödel F, Arkan MC, Oellerich T, Rödel C, Fokas E, Greten FR	Cancer cell	10.1016/j.ccell.2022.01.004
2021	11		KMT9 Controls Stemness and Growth of Colorectal Cancer	Berlin C, Cottard F, Willmann D, Urban S, Tirier SM, Marx L, Rippe K, Schmitt M, Petrocelli V, Greten FR , Fichtner-Feigl S, Kesselring R, Metzger E, Schüle R	Cancer Res	10.1158/0008-5472.CAN-21-1261
2022	04		Disruption of Prostaglandin E2 Signaling in Cancer-Associated Fibroblasts Limits Mammary Carcinoma Growth but Promotes Metastasis	Schreiber Y, Gradhand E, Thomas D, Nüsing R, Steinmetz-Späh J, Savai R, Fokas E, Fleming I, Greten FR , Zarnack K, Brüne B, Weigert A	Cancer Res	10.1158/0008-5472.CAN-21-2116
2022	05		γδ T cells license immature B cells to produce a broad range of polyreactive antibodies	Rampoldi F, Donato E, Ullrich L, Deseke M, Janssen A, Demera A, Sandrock I, Bubke A, Juergens AL, Swallow M, Sparwasser T , Falk C, Tan L, Trumpp A, Prinz I	Cell Rep	10.1016/j.celrep.2022.110854
2022	03	19N	ARAF suppresses ERBB3 expression and metastasis in a subset of lung cancers	Tegeeder I, Rajalingam K	Sci Adv	10.1126/sciadv.abk1538
2022	06	20N	NF-κB in control of regulatory T cell development, identity, and function	Hövelmeyer N , Schmidt-Supprman M, Ohnmacht C.	J Mol Med (Berl)	10.1007/s00109-022-02215-1
2022	01	20N	Stimulation of a subset of natural killer T cells by CD103 + DC is required for GM-CSF and protection from pneumococcal infection	Murray MP, Crosby CM, Marcovecchio P, Hartmann N, Chandra S, Zhao M, Khurana A, Zahner SP, Clausen BE , Coleman FT, Mizgerd JP, Mikulski Z, Kronenberg M	Cell Rep	10.1016/j.celrep.2021.110209
2022	02	21N	Physical activity specifically evokes release of cell-free DNA from granulocytes thereby affecting liquid biopsy	Neuberger EWI, Sontag S, Brahma A, Philipp KFA, Radsak MP , Wagner W, Simon P	Clin Epigenetics	10.1186/s13148-022-01245-3
2022	06	22N	Stress Granules determine the Development of Obesity-associated Pancreatic Cancer	Fonteneau G, Redding A, Hoag-Lee H, Sim ES, Heinrich S, Gaida MM , Grabocka E	Cancer Discov.	10.1158/2159-8290.CD-21-1672
2022	05	11, 201,	Gamma Irradiation Triggers Immune Escape in Glioma-Propagating Cells	Schmidt MHH	Cancers (Basel)	10.3390/cancers14112728
2022	05	12	CRISPR-Cas9 based gene editing of the immune checkpoint NKG2A enhances NK cell mediated cytotoxicity against multiple myeloma	Bexte T, Alzubi J, Reindl LM, Wendel P, Schubert R, Salzman-Manrique E, von Metzler I, Cathomen T, Ullrich E	Oncol Immunology	10.1080/2162402X.2022.2081415