

# Pathologisches Institut der Universität Würzburg

## Publikationen 2020

1. Michael Meir, Jonas Salm, Christina Fey, Matthias Schweinlin, Catherine Kollmann, Felix Kannapin, Christoph-Thomas Germer, Jens Waschke, **Christopher Beck**, Natalie Burkard, Marco Metzger, Nicolas Schlegel  
Enteroids Generated From Patients With Severe Inflammation in Crohn's Disease Maintain Alterations of Junctional Proteins  
J Crohns Colitis . 2020 Apr 28. Online ahead of print. JIF19: 8.658
2. **Luisa Bell, Alexander Lenhart, Andreas Rosenwald, Camelia M. Monoranu, Friederike Berberich-Siebelt**  
Lymphoid Aggregates in the CNS of Progressive Multiple Sclerosis Patients Lack Regulatory T Cells  
Front Immunol , 10, 3090 2020 Jan 15 eCollection 2019. JIF19: 5.085
3. Addi J Romero-Olmedo, Axel R Schulz, Magdalena Huber, Corinna U Brehm, Hyun-Dong Chang, Cristina M Chiarolla, Tobias Bopp, Chrysanthi Skevaki, **Friederike Berberich-Siebelt**, Andreas Radbruch, Henrik E Mei, Michael Lohoff  
Deep phenotypical characterization of human CD3 + CD56 + T cells by mass cytometry  
Eur J Immunol. 2020 Nov 24. Online ahead of print. JIF19: 4.404
4. Yannic C Bartsch, Simon Eschweiler, Alexei Leliavski, Hanna B Lunding, Sander Wagt, Janina Petry, Gina-Maria Lilienthal, Johann Rahmöller, Noortje de Haan, Alexandra Hölscher, Raghu Erapanedi , Anastasios D Giannou , Lilian Aly, Ryota Sato, Louise A de Neef, André Winkler, Dominique Braumann, Juliane Hobusch , Kyra Kuhnigk, Vanessa Krémer, Moritz Steinhaus, Véronique Blanchard, Timo Gemoll, Jens K Habermann, Mattias Collin, Gabriela Salinas, Rudolf A Manz, Hidehiro Fukuyama, Thomas Korn, Ari Waisman , Nir Yogev, Samuel Huber , Björn Rabe, Stefan Rose-John, Hauke Busch, **Friederike Berberich-Siebelt**, Christoph Hölscher, Manfred Wuhrer, Marc Ehlers  
IgG Fc Sialylation Is Regulated During the Germinal Center Reaction Upon Immunization With Different Adjuvants  
J Allergy Clin Immunol . 2020 May 20; Online ahead of print. JIF19: 10.228
5. Jenny Wegert, Lisa Zauter, Silke Appenzeller, Christoph Otto, Sabrina Bausenwein, Christian Vokuhl, **Karen Ernestus**, Rhoikos Furtwängler, Norbert Graf, Manfred Gessler  
High-risk Blastemal Wilms Tumor Can Be Modeled by 3D Spheroid Cultures in Vitro  
Oncogene , 39 (4), 849-861 Jan 2020. JIF19: 7.971
6. Corona Metz, **Karen Ernestus**, Simon Veldhoen  
Die ileozökale Duplikationszyste als seltene Ursache einer Darminvagination  
Rofo. 2020 Dec 21. Online ahead of print. JIF19: 1.867

7. Simon Schlegel, Henning Hamm, Alexandra Reichel, Hermann Kneitz, **Karen Ernestus**, Oliver Andres, Verena G Wiegner, Matthias Eyrich, Matthias Wölfel, Paul-Gerhardt Schlegel  
Neonatal Acute Lymphoblastic Leukemia with t(9;11) Translocation Presenting as Blueberry Muffin Baby: Successful Treatment by ALL-BFM Induction Therapy, Allogeneic Stem Cell Transplantation from an Unrelated Donor, and PCR-MRD-Guided Post-Transplant Follow-Up  
Am J Case Rep. 2020 Oct 27;21
  
8. Werner Kempf, Christina Mitteldorf, Maxime Battistella, Rein Willemze, Lorenzo Cerroni, Marco Santucci, **Eva Geissinger**, Patty Jansen, Marteen H Vermeer, Martha Marschalko, Evangelia Papadavid, Miguel A Piris, Pablo L Ortiz-Romero, Mauro Novelli, Marco Paulli, Pietro Quaglino, Annamari Ranki, José Luis Rodríguez Peralto, Bianca Auschra, Alistair Robson  
Primary cutaneous peripheral T-cell lymphoma, not otherwise specified (NOS): results of a multicenter EORTC cutaneous lymphoma taskforce study on the clinico-pathological and prognostic features  
J Eur Acad Dermatol Venereol. 2020 Sep 30. Online ahead of print. JIF19: 5.248
  
9. **Christina Jessen , Julia K C Kreß ,** Apoorva Baluapuri , **Anita Hufnagel**, Werner Schmitz , Susanne Kneitz , **Sabine Roth, André Marquardt**, Silke Appenzeller , Carsten P Ade , Valerie Glutsch, Marion Wobser , José Pedro Friedmann-Angeli , Laura Mosteo , Colin R Goding , Bastian Schilling , **Eva Geissinger** , Elmar Wolf , **Svenja Meierjohann**  
The transcription factor NRF2 enhances melanoma malignancy by blocking differentiation and inducing COX2 expression  
Oncogene. 2020 Oct;39(44):6841-6855. Epub 2020 Sep 25. JIF19: 7.971
  
10. Vivien Kohlhaas, Stuart James Blakemore, Mona Al-Maarri, Nadine Nickel, Martin Pal, Andreas Roth, Nadine Hoevelmeyer, Stephan Christian Schäfer, Gero Knittel, Philipp Lohneis, Milos Nikolic, Janica Lea Wiederstein, Marek Franitza, Theodoros Georgomonolis, Nina Reinart, Marco Herling, Carmen Diana Herling, **Elena Hartmann, Andreas Rosenwald**, Wolfram Klapper, Reinhard Buettner, Riccardo Moia, Davide Rossi, Renzo Boldorini, Gianluca Gaidano, Lukas P Frenzel, Christian Reinhardt, Jens C Brüning, Michael Hallek, Marcus Krüger, Martin Peifer, Christian P Pallasch, F Thomas Wunderlich  
-Active AKT signaling triggers CLL towards Richter's transformation via over-activation of Notch1  
Blood. 2020 Nov 2; Online ahead of print. JIF19: 17.794
  
11. **Elena Gerhard-Hartmann , Andreas Rosenwald**  
Fluorescence in situ hybridization in the diagnosis of aggressive B-cell lymphomas  
Pathologe. 2020 Sep 9. Online ahead of print. JIF19: 0.617
  
12. Sarah Reinke, Paul J Bröckelmann, Ingram Iaccarino, Maria Alejandra Garcia-Marquez, Sven Borchmann, Franziska Jochims, Michaela Kotrova, Karol Pal, Monika Brüggemann, **Elena Hartmann**, Stephanie Sasse, Carsten Kobe, Stephan Mathas, Martin Soekler, Ulrich Keller, Matthias Bormann, Andreas Zimmermann, Julia Richter, Michael Fuchs, Bastian von Tresckow, Peter Borchmann, Hans Schlößer, Michael von Bergwelt-Baildon, **Andreas Rosenwald**, Andreas Engert, Wolfram Klapper

Tumor and microenvironment response but no cytotoxic T-cell activation in classic Hodgkin lymphoma treated with anti-PD1  
Blood. 2020 Oct 28; blood.Online ahead of print. JIF19: 17.794

13. Cytawa W., Seitz A.K., **Kircher S.**, Fukushima K., Tran-Gia J., Schirbel A., Bandurski T., Lass P., Krebs M., Połom W., Matuszewski M., Wester H.J., Buck A.K., Kübler H., Lapa C..  
68Ga-PSMA I&T PET/CT for primary staging of prostate cancer.  
Eur J Nucl Med Mol Imaging. 2020 Jan;47(1):168-177. JIF19: 7.081
  
14. Christina Lenschow , Sina Schrägle, **Stefan Kircher**, Kerstin Lorenz, Andreas Machens, Henning Dralle, Philipp Riss, Christian Scheuba, Andreas Pfestroff, Christine Spitzweg, Andreas Zielke, Anna Nießen, Cornelia Dotzenrath, Burkhard Riemann, Marcus Quinkler, Christian Vorländer, Alexandra Zahn, Friedhelm Raue, Costanza Chiapponi, Karl Alexander Iwen, Thomas Steinmüller, Matthias Kroiss, Nicolas Schlegel, NEKAR study group  
Clinical Presentation, Treatment, and Outcome of Parathyroid Carcinoma: Results of the NEKAR Retrospective International Multicenter Study  
Ann Surg. 2020 Jul 7. Online ahead of print. JIF19: 10.130
  
15. Isabel Weigand, Barbara Altieri, Amanda M F Lacombe, Vittoria Basile, **Stefan Kircher**, Laura-Sophie Landwehr, Jochen Schreiner , Maria C N Zerbini , Cristina L Ronchi , Felix Megerle, Alfredo Berruti , Letizia Canu , Marco Volante, Isabel Paiva, Silvia Della Casa, Silviu Sbiera, Martin Fassnacht, Maria Candida B V Fragoso, Massimo Terzolo, Matthias Kroiss  
Expression of SOAT1 in Adrenocortical Carcinoma and Response to Mitotane Monotherapy: An ENSAT Multicenter Study  
J Clin Endocrinol Metab. 2020 May 25; Online ahead of print. JIF19: 5.399
  
16. Irina Chifu, Britta Heinze, Carmina T Fuss, Katharina Lang, Matthias Kroiss, **Stefan Kircher**, Cristina L Ronchi, Barbara Altieri, Andreas Schirbel, Martin Fassnacht, Stefanie Hahner  
Impact of the Chemokine Receptors CXCR4 and CXCR7 on Clinical Outcome in Adrenocortical Carcinoma  
Front Endocrinol (Lausanne). 2020 Nov 13;11: eCollection 2020. JIF19: 3.644
  
17. Hannah Eisfeld, **Stefan Kircher**, **Andreas Rosenwald** , **Ioannis Anagnostopoulos**, Mathias Werner , Nikolaus Gaßler , Gunter Wolf, Lukas Lehmkuhl , Ulf Teichgräber , Falk Gühne , Andreas Darr , Martin Freesmeyer, Wolfram Weschenfelder , Gunther Hofmann, Ramazan Dalkilic , Rolf Kalff , Andreas Hochhaus, Karin G Schrenk  
Revealing the true face behind the mask of ALK-positive anaplastic large cell lymphoma (ALCL)  
Ann Hematol. 2020 Sep 8. Online ahead of print. JIF19: 2.904
  
18. Raimunde n, Isabel Weigand, Juliane Lippert, **Stefan Kircher**, Barbara Altieri, Sonja Steinhauer , Constanze Hantel , Simone Rost, **Andreas Rosenwald**, Matthias Kroiss, Martin Fassnacht , Silviu Sbiera, Cristina L Ronchi  
Targeted Gene Expression Profile Reveals CDK4 as Therapeutic Target for Selected Patients With Adrenocortical Carcinoma

Front Endocrinol (Lausanne). 2020 Apr 16;11:219. eCollection 2020. JIF19: 3.644

19. Julia Schollbach, **Stefan Kircher**, Armin Wiegering , Friedrich Anger, **Andreas Rosenwald**, Christoph-Thomas Germer , Stefan Löb  
The Local Immune Phenotype Influences Prognosis in Patients With Nodal-Positive Rectal Cancer After Neoadjuvant Chemoradiation  
Int J Colorectal Dis, 35 (2), 365-370 Feb 2020. JIF19: 2.108
  
20. Annette M Staiger, Eva Hoster, Vindi Jurinovic, Stefan Winter, **Ellen Leich** , Claudia Kalla , Peter Möller, Heinz-Wolfram Bernd, Alfred C Feller, Karoline Koch, Wolfram Klapper, Harald Stein, Martin-Leo Hansmann, Sylvia Hartmann, Martin Dreyling, Oliver Weigert, Wolfgang Hiddemann, Klaus Herfarth, **Andreas Rosenwald**, Marianne Engelhard, German Ott, Heike Horn  
Localized- And Advanced-Stage Follicular Lymphomas Differ in Their Gene Expression Profiles Blood , 135 (3), 181-190 2020 Jan 16. JIF19: 17.543
  
21. **Katja Maurus**, Silke Appenzeller, **Sabine Roth**, **Stephanie Brändlein**, Hermann Kneitz, Matthias Goebeler, **Andreas Rosenwald**, **Eva Geissinger**, Marion Wobser  
Recurrent Oncogenic JAK and STAT Alterations in Cutaneous CD30-positive Lymphoproliferative Disorders  
J Invest Dermatol 2020 Mar 5 [Online ahead of print]. JIF19: 7.143
  
22. Helene Nehring , **Svenja Meierjohann**, Jose Pedro Friedmann Angeli  
Emerging aspects in the regulation of ferroptosis  
Biochem Soc Trans 2020 Oct 30;48(5):2253-2259. JIF19: 5.160
  
23. José Pedro Friedmann Angeli, **Svenja Meierjohann**  
NRF2 dependent stress defence in tumor antioxidant control and immune evasion  
Pigment Cell Melanoma Res. 2020 Nov 18. Online ahead of print. JIF19: 3.683
  
24. Maria Breun , Alexandra Schwerdtfeger, Donato Daniel Martellotta, Almuth F Kessler , **Camelia M Monoranu** , Cordula Matthies, Mario Löhr, Carsten Hagemann  
ADAM9: A Novel Player in Vestibular Schwannoma Pathogenesis  
Oncol Lett . 2020 Mar;19(3):1856-1864. JIF19: 2.311
  
25. Nattmann A, Breun M, **Monoranu CM**, Matthies C, Ernestus RI, Löhr M, Hagemann C.  
Analysis of ADAM9 regulation and function in vestibular schwannoma primary cells. BMC Res Notes. 2020 Nov 11;13(1):528.
  
26. Kessler A.F., Linsenmann T., Westermaier T., Wolber W., Weiland J., **Monoranu C.M.**, Breun M., Hagemann C., Ernestus R.I., Löhr M.  
Complete radiological response following subtotal resection in three glioblastoma patients under treatment with Tumor Treating Fields.

Oncol Lett. 2020 Jan;19(1):557-561. JIF19: 2.311

27. Gayatri Devraj, Sylvaine Guérit, Jana Seele, Daniel Spitzer, Jadranka Macas, Maryam I. Khel, Roxana Heidemann, Anne K. Braczynski, Wibke Ballhorn, Stefan Günther, Omolara O. Ogunshola, Michel Mittelbronn, Uwe Ködel, **Camelia M. Monoranu**, Karl H. Plate, Sven Hammerschmidt, Roland Nau, Kavi Devraj, Volkhard A. J. Kempf  
HIF-1 $\alpha$  is involved in blood-brain barrier dysfunction and paracellular migration of bacteria in pneumococcal meningitis  
Acta Neuropathol . 2020 Aug;140(2):183-208. JIF19: 14.251
28. Julia E Neumann, Michael Spohn, Denise Obrecht, Martin Mynarek, Christian Thomas, Martin Hasselblatt, Mario M Dorostkar, Annika K Wefers, Stephan Frank, **Camelia-Maria Monoranu**, Arend Koch, Hendrik Witt, Marcel Kool, Kristian W Pajtler, Stefan Rutkowski , Markus Glatzel, Ulrich Schüller  
Molecular Characterization of Histopathological Ependymoma Variants  
Acta Neuropathol, 139 (2), 305-318, Feb 2020. JIF19: 14.251
29. Almuth F Kessler, Jonas Feldheim, Dominik Schmitt, Julia J Feldheim, **Camelia M Monoranu**, Ralf-Ingo Ernestus, Mario Löhr, Carsten Hagemann  
Monopolar Spindle 1 Kinase (MPS1/TTK) mRNA Expression is Associated with Earlier Development of Clinical Symptoms, Tumor Aggressiveness and Survival of Glioma Patients  
Biomedicines . 2020 Jul 3;8(7). JIF19: 4.717
30. Martin Mynarek, Katja von Hoff, Torsten Pietsch, Holger Ottensmeier, Monika Warmuth-Metz, Brigitte Bison, Stefan Pfister, Andrey Korshunov, Tanvi Sharma, Natalie Jaeger, Marina Ryzhova, Olga Zheludkova, Andrey Golanov, Elisabeth Jane Rushing, Martin Hasselblatt, Arend Koch, Ulrich Schüller, Andreas von Deimling, Felix Sahm, Martin Sill , Markus J Riemenschneider, Hildegard Dohmen, **Camelia Maria Monoranu**, Clemens Sommer, Ori Staszewski, Christian Mawrin, Jens Schittenhelm, Wolfgang Brück, Katharina Filipowski, Christian Hartmann, Matthias Meinhardt, Klaus Pietschmann, Christine Haberler, Irene Slavc, Nicolas U Gerber, Michael Grotzer, Martin Benesch, Paul Gerhardt Schlegel, Frank Deinlein, André O von Bueren, Carsten Friedrich, Björn-Ole Juhnke, Denise Obrecht, Gudrun Fleischhack, Robert Kwiecien, Andreas Faldum, Rolf Dieter Kortmann, Marcel Kool, Stefan Rutkowski  
Nonmetastatic Medulloblastoma of Early Childhood: Results From the Prospective Clinical Trial HIT-2000 and An Extended Validation Cohort  
J Clin Oncol . 2020 Jun 20;38(18):2028-2040. JIF19: 32.956
31. Jonas Feldheim , Almuth F Kessler, Dominik Schmitt, Ellaine Salvador, **Camelia M Monoranu**, Julia J Feldheim, Ralf-Ingo Ernestus, Mario Löhr, Carsten Hagemann  
Ribosomal Protein S27/Metalloproteinase-1 (RPS27) in Glioma-A New Disease Biomarker?  
Cancers (Basel) 2020 Apr 27;12(5):1085. JIF19: 6.126
32. Thomas C, Soschinski P, Zwaig M, Oikonomopoulos S, Okonechnikov K, Pajtler KW, Sill M, Schweizer L, Koch A, Neumann J, Schüller U, Sahm F, Rauschenbach L, Keyvani K, Proescholdt M, Riemenschneider MJ, Segewiß J, Ruckert C, Grauer O,

**Monoranu CM**, Lamszus K, Patrizi A, Kordes U, Siebert R, Kool M, Ragoussis J, Foulkes WD, Paulus W, Rivera B, Hasselblatt M.  
The genetic landscape of choroid plexus tumors in children and adults.  
Neuro Oncol. 2020 Nov 29; Epub ahead of print. JIF19: 10.247

33. Simone Bohnert, Anja Seiffert, Stefanie Trella, Michael Bohnert, Luitpold Distel, Benjamin Ondruschka, **Camelia-Maria Monoranu**  
TMEM119 as a specific marker of microglia reaction in traumatic brain injury in postmortem examination  
Int J Legal Med. 2020 Jul 27. Online ahead of print. JIF19: 2.222
34. M Hasselblatt , C Thomas , K Nemes , **C-M Monoranu**, M J Riemenschneider , A Koch, D Sumerauer, P Hauser, W Paulus, P D Johann, M Kool 8 9 10 , M C Frühwald 2  
Tyrosinase Immunohistochemistry Can Be Employed for the Diagnosis of Atypical teratoid/rhabdoid Tumours of the Tyrosinase Subgroup (ATRT-TYR)  
Neuropathol Appl Neurobiol. 2020 Feb;46(2):186-189. JIF19: 7.500
35. Hans-Ullrich Voelker , Gerhard Stauch , Annette Strehl, Yasmin Azima, **Hans-Konrad Mueller-Hermelink**  
Diagnostic validity of static telepathology supporting hospitals without local pathologists in low-income countries  
J Telemed Telecare. 2020 Jun;26(5):261-270. JIF19: 2.616
36. H-U Völker, E Becker, **H-K Müller-Hermelink**, M Scheich  
[Extranodal Manifestation of Classical Hodgkin Lymphoma in the Head and Neck Region]  
[Article in German]  
HNO, 68 (1), 32-39 Jan 2020. JIF19: 1.000
37. Angela Tomasovic , Theresa Brand, Constanze Schanbacher, Sofia Kramer, Martin W Hümmert, Patricio Godoy, Wolfgang Schmidt-Heck, Peter Nordbeck, Jonas Ludwig, Susanne Homann, Armin Wiegering, Timur Shaykhutdinov, Christoph Kratz, Ruth Knüchel, **Hans-Konrad Müller-Hermelink**, **Andreas Rosenwald**, Norbert Frey, Jutta Eichler, Dobromir Dobrev , Ali El-Armouche, Jan G Hengstler, Oliver J Müller, Karsten Hinrichs, Friederike Cuello, Alma Zerneck, Kristina Lorenz  
Interference With ERK-dimerization at the Nucleocytosolic Interface Targets Pathological ERK1/2 Signaling Without Cardiotoxic Side-Effects  
Nat Commun 2020 Apr 7;11(1):1733. JIF19: 12.121
38. Antonio G Solimando, Matteo C Da Vià, Patrizia Leone, Paola Borrelli, Giorgio A Croci , Paula Tabares , Andreas Brandl, Giuseppe Di Lernia, Francesco P Bianchi, Silvio Tafuri, Torsten Steinbrunn, Alessandra Balduini, Assunta Melaccio, Simona De Summa , Antonella Argentiero, **Hilka Rauert-Wunderlich** , Maria A Frassanito, Paolo Ditunno, Erik Henke, Wolfram Klapper, Roberto Ria, Carolina Terragna, Leo Rasche, **Andreas Rosenwald**, K Martin Kortüm, Michele Cavo, Domenico Ribatti, Vito Racanelli , Hermann Einsele, Angelo Vacca, Andreas Beilhack

Halting the Vicious Cycle Within the Multiple Myeloma Ecosystem: Blocking JAM-A on Bone Marrow Endothelial Cells Restores the Angiogenic Homeostasis and Suppresses Tumor Progression  
Haematologica. 2020 Apr 30; haematol.2019. Online ahead of print. JIF19: 7.116

39. Kathrin Gennen , Lukas Käsmann, Julian Taugner, Chukwuka Eze, Monika Karin, Olarn Roengvoraphoj , Jens Neumann, Amanda Tufman, Michael Orth, **Simone Reu**, Claus Belka, Farkhad Manapov  
Prognostic Value of PD-L1 Expression on Tumor Cells Combined With CD8+ TIL Density in Patients With Locally Advanced Non-Small Cell Lung Cancer Treated With Concurrent Chemoradiotherapy  
Radiat Oncol , 15 (1), 5 2020 Jan 2. JIF19: 2.817
40. Xiang Zheng, Andreas Weigert, **Simone Reu**, Stefan Guenther, Siavash Mansouri, Birgit Bassaly, Stefan Gattenlöhner, Friedrich Grimminger, Soni Savai Pullamsetti , Werner Seeger, Hauke Winter , Rajkumar Savai  
Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Non-Small-Cell Lung Carcinoma  
Cancer Res. 2020 Jul 22; Online ahead of print. JIF19: 9.727
41. **Mathias T Rosenfeldt, Elena M Hartmann**, Corinna Leng , **Andreas Rosenwald**, Ioannis Anagnostopoulos  
A case of nodular lymphocyte predominant Hodgkin lymphoma with unexpected EBV-latency type  
Ann Hematol. 2020 Jul 19. Online ahead of print. JIF19: 2.904
42. Irem Kaymak, Carina R. Maier, Werner Schmitz, Andrew D. Campbell, Beatrice Dankworth, Carsten P. Ade, Susanne Walz, Madelon Paauwe, Charis Kalogirou, Hecham Marouf, **Mathias T. Rosenfeldt**,  
David M. Gay, Grace H. McGregor, Owen J. Sansom, Almut Schulze  
Mevalonate Pathway Provides Ubiquinone to Maintain Pyrimidine Synthesis and Survival in p53-Deficient Cancer Cells Exposed to Metabolic Stress  
Cancer Res, 80 (2), 189-203 2020 Jan 15. JIF19: 9.727
43. Cristian Prieto-Garcia, Oliver Hartmann, Michaela Reissland, Fabian Braun, Thomas Fischer, Susanne Walz, Christina Schülein-Völk, Ursula Eilers, Carsten P Ade, Marco A Calzado, Amir Orian, Hans M Maric, Christian Münch, **Mathias Rosenfeldt**, Martin Eilers, Markus E Diefenbacher  
Maintaining Protein Stability of Np63 via USP28 Is Required by Squamous Cancer Cells  
EMBO Mol Med. 2020 Apr 7;12(4). JIF19: 8.821
44. Marita Ziepert, Stefano Lazzi, Raffaella Santi, Federica Vergoni, Massimo Granai , Virginia Mancini, Annette tomasovic, Heike Horn, Markus Löffler, Viola Pöschel, Gerhald Held, Gerald Wulf, Lorenz H Trümper, Norbert Schmitz, **Andreas Rosenwald**, Elena Sabattini, Kikkeri N Naresh, Harald Stein, German Ott, Lorenzo Leoncini

A 70% Cut-Off for MYC Protein Expression in Diffuse Large B Cell Lymphoma Identifies a High-Risk Group of Patients  
Haematologica 2020 Feb 13[Online ahead of print]. JIF19: 7.116

45. Santiago Demajo, Robert Alberro, Guillem Clot, Giancarlo Castellano, Alba Navarro, Cristina Capdevila, Anna Enjuanes, Ferran Nadeu, Eva Giné, Magda Pinyol, Elaine S Jaffe, German Ott, Louis M Staudt, **Andreas Rosenwald**, David W Scott, Lisa M Rimsza, Armando López-Guillermo, Silvia Beà, Elias Campo, Pedro Jares  
A cyclin D1-dependent transcriptional program predicts clinical outcome in mantle cell lymphoma  
Clin Cancer Res. 2020 Oct 12; Online ahead of print. JIF19: 10.107
46. Heike Horn, Sabrina Kalmbach, Rabea Wagener, Annette M Staiger, Katrin Hüttl, Anja Mottok, Susanne Bens, Alexandra Traverse-Glehen, Juliette Fontaine, Reiner Siebert, **Andreas Rosenwald**, German Ott  
A Diagnostic Approach to the Identification of Burkitt-like Lymphoma With 11q Aberration in Aggressive B-Cell Lymphomas  
Am J Surg Pathol. 2020 Oct 30. Online ahead of print. JIF19: 4.958
47. Annette M Staiger, Michael Altenbuchinger, Marita Ziepert, Christian Kohler, Heike Horn, Michael Huttne, Katrin S Hüttl, Gunther Glehr, Wolfram Klapper, Monika Szczepanowski, Julia Richter, Harald Stein, Alfred C Feller, Peter Möller, Martin-Leo Hansmann, Viola Poeschel, Gerhard Held, Markus Loeffler, Norbert Schmitz, Lorenz Trümper, Tobias Pukrop, **Andreas Rosenwald**, German Ott, Rainer Spang, Emed Demonstrator Project, German High Grade Non-Hodgkin's Lymphoma Study Group (DSHNHL)  
A Novel Lymphoma-Associated Macrophage Interaction Signature (LAMIS) Provides Robust Risk Prognostication in Diffuse Large B-cell Lymphoma Clinical Trial Cohorts of the DSHNHL  
Leukemia, 34 (2), 543-552 Feb 2020. JIF19: 8.665
48. Yuka Tanaka, Shuji Momose, Takayuki Tabayashi, Keisuke Sawada, Takahisa Yamashita, Morihiro Higashi, Morihiko Sagawa, Michihide Tokuhira, **Andreas Rosenwald**, Masahiro Kizaki, Jun-Ichi Tamaru  
Abemaciclib, a CDK4/6 Inhibitor, Exerts Preclinical Activity Against Aggressive Germinal Center-Derived B-cell Lymphomas  
Cancer Sci 111 (2), 749-759 Feb 2020. JIF19: 4.966
49. Maurice Reimann, Jens F Schrezenmeier, Paulina Richter-Pechanska, Anna Dolnik, Timon Pablo Hick, Kolja Schleich, Xiurong Cai, Dorothy N Y Fan, Philipp Lohneis, Sven Masswig, Sophy Denker, Antonia Busse, Gero Knittel, Ruth Flümman, Dorothee Childs, Liam Childs, Ana Maria Gätjens-Sanchez, Lars Bullinger, **Andreas Rosenwald**, Hans Christian Reinhardt, Clemens A Schmitt  
Adaptive T-cell immunity controls senescence-prone MyD88- or CARD11-mutant B-cell lymphomas  
Blood. 2020 Nov 24;blood. Online ahead of print. JIF19: 17.794



50. Gerald G Wulf , Bettina Altmann, Marita Ziepert, Francesco D'Amore, Gerhard Held , Richard Greil , Olivier Tournilhac, Thomas Relander, Andreas Viardot , Martin Wilhelm, Christian Wilhelm, Antonio Pezzutto, Josee M Zijlstra, Eric Van Den Neste, Pieternella J Lugtenburg, Jeanette K Doorduijn, Michel van Gelder, Gustaaf W van Imhoff, Florian Zettl, Friederike Braulke, Maike Nickelsen, Bertram Glass, **Andreas Rosenwald** , Philippe Gaulard, Markus Loeffler, Michael Pfreundschuh, Norbert Schmitz, Lorenz Trümper ACT-2 study investigators  
Alemtuzumab Plus CHOP Versus CHOP in Elderly Patients With Peripheral T-cell Lymphoma: The DSHNHL2006-1B/ACT-2 Trial  
Leukemia. 2020 May 7. Online ahead of print. JIF19: 8.665
51. Ron Daniel Jachimowicz, Luise Pieper , Sarah Reinke, Artur Gontarewicz , Annette Plütschow, Heinz Haverkamp, Leonie Frauenfeld, Falko Fend, Mathis Overkamp, Franziska Jochims, Christoph Thorns, Martin Leo Hansmann, Peter Möller , **Andreas Rosenwald**, Harald Stein, Hans Christian Reinhardt, Peter Borchmann , Bastian von Tresckow, Andreas Engert, Wolfram Klapper  
Analysis of the Tumor Microenvironment by Whole-Slide Image Analysis Identifies Low B Cell Content as a Predictor of Adverse Outcome in Advanced-Stage Classical Hodgkin Lymphoma Treated With BEACOPP  
Haematologica . 2020 May 7; Online ahead of print. JIF19: 7.116
52. Arina Riabinska, Daria Lehrmann, Ron Daniel Jachimowicz, Gero Knittel, Christian Fritz, Anna Schmitt, Aenne Geyer, Carola Heneweer, Maike Wittersheim, Lukas P Frenzel, Alessandro Torgovnick, Janica Lea Wiederstein, Claudia Maria Wunderlich, Monika Ortmann, Arlette Paillard, Wilhelm Wößmann, Arndt Borkhardt, Stefan Burdach, Martin-Leo Hansmann, **Andreas Rosenwald**, Sven Perner, Gita Mall, Wolfram Klapper, Andrea Merseburg, Marcus Krüger, Holger Grüll , Thorsten Persigehl, Frank Thomas Wunderlich, Martin Peifer, Olaf Utermöhlen, Reinhard Büttner, Filippo Beleggia, Hans Christian Reinhardt  
ATM Activity in T Cells Is Critical for Immune Surveillance of Lymphoma in Vivo  
Leukemia, 34 (3), 771-786, Mar 2020. JIF19: 8.665
53. Katrin S Huettl, Annette M Staiger, Heike Horn, Fabian Frontzek , John R Goodlad , Gustavo Tapia, **Andreas Rosenwald** , Wolfram Klapper , Falko Fend, Fina Climent, Josep Castellvi, Alexandar Tzankov, Stefan Dirnhofer, Maria João Baptista, José-Tomas Navarro, Ioannis Anagnostopoulos, Wolfgang Hartmann ,Georg Lenz , German Ott  
Cytokeratin expression in plasmablastic lymphoma - a possible diagnostic pitfall in the routine work-up of tumours  
Histopathology 2020 Nov 9. Online ahead of print. JIF19: 3.626
54. Paul J Bröckelmann, Helen Goergen , Ulrich Keller, Julia Meissner, Rainer Ordemann, Teresa V Halbsguth, Stephanie Sasse, Martin Söckler, Andrea Kerkhoff, Stephan Mathas, Andreas Hüttmann, Matthias Bormann, Andreas Zimmermann, Jasmin Mettler, Michael Fuchs, Bastian von Tresckow, Christian Baues, **Andreas Rosenwald** , Wolfram Klapper , Carsten Kobe, Peter Borchmann, Andreas Engert  
Efficacy of Nivolumab and AVD in Early-Stage Unfavorable Classic Hodgkin Lymphoma: The Randomized Phase 2 German Hodgkin Study Group NIVAHL Trial  
JAMA Oncol. 2020 Apr 30. JIF19: 24.799

55. Stefan Alig, Vindi Jurinovic, Mohammad Shahrokh Esfahani, Sarah Haebe, Verena Passerini, Johannes C Hellmuth, Erik Gaitzsch, William Keay, Natyra Tahiri, Anna Zoellner, **Andreas Rosenwald**, Wolfram Klapper, Harald Stein, Alfred Feller, German Ott, Annette M Staiger, Heike Horn, Martin L Hansmann, Christiane Pott, Michael Unterhalt, Christian Schmidt, Martin Dreyling, Ash A Alizadeh, Wolfgang Hiddemann, Eva Hoster, Oliver Weigert  
Evaluating upfront high-dose consolidation after R-CHOP for follicular lymphoma by clinical and genetic risk models  
Blood Adv. 2020 Sep 22;4(18):4451-4462. JIF19: 4.910
56. Susann Weißbach, Sofia Catalina Heredia-Guerrero, Stefanie Barnsteiner, Lukas Großhans, Jochen Bodem, Hanna Starz, Christian Langer, Silke Appenzeller, Stefan Knop, Torsten Steinbrunn, Simone Rost, Hermann Einsele, Ralf Christian Bargou, **Andreas Rosenwald**, Thorsten Stühmer, **Ellen Leich**  
Exon-4 Mutations in KRAS Affect MEK/ERK and PI3K/AKT Signaling in Human Multiple Myeloma Cell Lines  
Cancers (Basel), 12 (2) 2020 Feb 16. JIF19: 6.126
57. Viola Poeschel, Gerhard Held, Marita Ziepert, Mathias Witzens-Harig, Harald Holte, Lorenz Thurner, Peter Borchmann, Andreas Viardot, Martin Soekler, Ulrich Keller, Christian Schmidt, Lorenz Truemper, Rolf Mahlberg, Reinhard Marks, Heinz-Gert Hoeffkes, Bernd Metzner, Judith Dierlamm, Norbert Frickhofen, Mathias Haenel, Andreas Neubauer, Michael Kneba, Francesco Merli, Alessandra Tucci, Peter de Nully Brown, Massimo Federico, Eva Lengfelder, Alice di Rocco, Ralf Trappe, **Andreas Rosenwald**, Christian Berdel, Martin Maisenhoelder, Ofer Shpilberg, Josif Amam, Konstantinos Christofyllakis, Frank Hartmann, Niels Murawski, Stephan Stilgenbauer, Maike Nickelsen, Gerald Wulf, Bertram Glass, Norbert Schmitz, Bettina Altmann, Markus Loeffler, Michael Pfreundschuh, FLYER Trial Investigators, German Lymphoma Alliance  
Four Versus Six Cycles of CHOP Chemotherapy in Combination With Six Applications of Rituximab in Patients With Aggressive B-cell Lymphoma With Favourable Prognosis (FLYER): A Randomised, Phase 3, Non-Inferiority Trial  
Lancet, 394 (10216), 2271-2281 2020 Dec 21. JIF19: 2.462
58. Lorenz Thurner, Sylvia Hartmann, Moritz Bewarder, Natalie Fadle, Evi Regitz, Claudia Schormann, Natalia Quiroga, Maria Kemele, Wolfram Klapper, **Andreas Rosenwald**, Lorenz Trümper, Rainer Maria Bohle, Anna Nimmesgern, Christina Körbel, Matthias W Laschke, Michael D Menger, Stefan Barth, Boris Kubuschok, Anja Mottok, Dominic Kaddu-Mulindwa, Martin-Leo Hansmann, Viola Pöschel, Gerhard Held, Niels Murawski, Stephan Stilgenbauer, Frank Neumann, Klaus-Dieter Preuss, Michael Pfreundschuh  
Identification of the atypically modified autoantigen Ars2 as the target of B-cell receptors from activated B cell-type diffuse large B-cell lymphoma  
Haematologica. 2020 Jul 16; Online ahead of print. JIF19: 7.116
59. Carmen Nordmo, Gunther Glehr, Michael Altenbuchinger, Rainer Spang, Marita Ziepert, Heike Horn, Annette M Staiger, German Ott, Norbert Schmitz, Gerhard Held, Hermann Einsele, Max Topp, **Andreas Rosenwald**, **Hilka Rauert-Wunderlich**

Identification of a miRNA based model to detect prognostic subgroups in patients with aggressive B-cell lymphoma  
Leuk Lymphoma. 2020 Dec 22;1-15. Online ahead of print. JIF19: 2.969

60. Santiago Barrio , Umair Munawar, Yuan Xiao Zhu, Nicola Giesen, Chang-Xin Shi, Matteo Da Viá, Ricardo Sanchez, Laura Bruins, Theresa Demler, Nicole Müller, Larissa Haertle, Andoni Garitano, Torsten Steinbrunn, Sophia Danhof, Isabel Cuenca, Clara E3-Garcia, Esteban Braggio, **Andreas Rosenwald**, Joaquin Martinez-Lopez, Leo Rasche, Marc S Raab, A Keith Stewart, Hermann Einsele, Thorsten Stühmer, K Martin Kortüm  
IKZF1/3 and CRL4 CRBN E3 Ubiquitin Ligase Mutations and Resistance to Immunomodulatory Drugs in Multiple Myeloma  
Haematologica . 2020 May;105(5). JIF19: 7.116
61. Tobias Roider, Xi Wang, Katrin Hüttl, Carsten Müller-Tidow, Wolfram Klapper, **Andreas Rosenwald**, James Peter Stewart, David Gonzalez de Castro, Peter Dreger, Olivier Hermine, Hanneke C Kluin-Nelemans, Niels Grabe, Martin Dreyling, Christiane Pott, German Ott , Eva Hoster, Sascha Dietrich  
The impact of SAMHD1 expression and mutation status in mantle cell lymphoma: An analysis of the MCL Younger and Elderly trial  
Int J Cancer. 2020 Jul 7. Online ahead of print. JIF19: 5.145
62. Julia Wallstabe, Lydia Bussemer, Florian Groeber-Becker, Lukas Freund, Miriam Alb, Mariola Dragan, Ana Maria Waaga-Gasser, Rafael Jakubietz, Hermann Kneitz, **Andreas Rosenwald**, Silke Rebhan, Heike Walles, Stephan Mielke  
Inflammation-induced Tissue Damage Mimicking GvHD in Human Skin Models as Test-Platform for Immunotherapeutics  
ALTEX 2020 Apr 14. Online ahead of print. JIF19: 5.787
63. Xiang Zhou, Maximilian Johannes Steinhardt, Johannes Düll, Franziska Krummenast, Sophia Danhof, Katharina Meckel, Katharina Nickel, Denise Grathwohl, Hans-Benno Leicht, **Andreas Rosenwald**, Hermann Einsele, Leo Rasche, Martin Kortüm  
Obinutuzumab and Venetoclax Induced Complete Remission in a Patient With Ibrutinib-Resistant Non-Nodal Leukemic Mantle Cell Lymphoma  
Eur J Haematol 2020 Jan 10[Online ahead of print]. JIF19: 2.220
64. Thomas Weber, Andreas Schmidberger, Kinga Ligeti, Marcus Bauer, **Andreas Rosenwald**, Lutz P Müller  
Presence of Parvovirus B19 but Not Herpesvirus Genome in Acute Skin Rash after Allogeneic Stem Cell Transplantation Correlates with Outcome  
Acta Haematol. 2020 Sep 9;1-10. Online ahead of print. JIF19: 1.196
65. Franziska Grän, Andreas Kerstan, **Edgar Serfling**, Matthias Goebeler, Khalid Muhammad  
Current Developments in the Immunology of Psoriasis  
Yale J Biol Med . 2020 Mar 27;93(1):97-110. eCollection JIF19: 3.549

66. **S Serfling**, Y Zhi, A Schirbel, T Lindner, T Meyer, **E Gerhard-Hartmann**, C Lapa, R Hagen, S Hackenberg, A K Buck, A Scherzad2  
Improved cancer detection in Waldeyer's tonsillar ring by 68 Ga-FAPI PET/CT imaging  
Eur J Nucl Med Mol Imaging. 2020 Oct 15. Online ahead of print. JIF19: 7.081
67. Muhammad Azeem, Hidaya Kader, Andreas Kerstan, Helal F Hetta, **Edgar Serfling**, Matthias Goebeler, Khalid Muhammad  
Intricate Relationship Between Adaptive and Innate Immune System in Allergic Contact Dermatitis  
Yale J Biol Med. 2020 Dec 29;93(5):699-709. eCollection JIF19: 3.549
68. Philip Bucher, Tabea Erdmann, Paula Grondona, Wendan Xu, Anja Schmitt, Christoph Schürch, Myroslav Zapukhlyak, Caroline Schönfeld, **Edgar Serfling**, Daniela Kramer, Michael Grau, Pavel Klener, Claudia Lengerke, Klaus Schulze-Osthoff, Georg Lenz, Stephan Hailfinger  
Targeting Chronic NFAT Activation With Calcineurin Inhibitors in Diffuse Large B-cell Lymphoma  
Blood, 135 (2), 121-132 2020 Jan 9. JIF19: 17.543
69. **Yin Xiao**, **Musga Qureischi**, **Lena Dietz**, **Martin Vaeth**, Subrahmanya D Vallabhapurapu, **Stefan Klein-Hessling**, Matthias Klein, Chunguang Liang, **Anika König**, **Edgar Serfling**, **Anja Mottok**, Tobias Bopp, **Andreas Rosenwald**, Mathias Buttman, Ingolf Berberich, Andreas Beilhack, **Friederike Berberich-Siebelt**  
Lack of NFATc1 SUMOylation prevents autoimmunity and alloreactivity  
J Exp Med.. 2021 Jan 4;218(1). JIF19: 11.743
70. **Alberto Zamò**, Peter Johnston, Ayoma D Attygalle, Camille Laurent, Daniel A Arber, Falko Fend  
Aggressive B-cell lymphomas with a primary bone marrow presentation  
Histopathology. 2020 Sep;77(3):369-379. JIF19: 3.626
71. Camille Laurent, Daniel A. Arber, Peter Johnston, Falko Fend, **Alberto Zamo**, Ayoma D. Attygalle  
Diagnosis of Classic Hodgkin Lymphoma on Bone Marrow Biopsy  
Histopathology 2020 Feb 24[Online ahead of print]. JIF19: 3.626
72. Ayoma D. Attygalle, **Alberto Zamo**, Falko Fend, Peter Johnston, Daniel A. Arber, Camille Laurent  
Challenges and Limitations of Primary Diagnosis of T-cell and NK/T-cell Lymphoma in Bone Marrow Biopsy  
Histopathology 2020 Feb 16[Online ahead of print] JIF19: 3.626
73. Rebecca L King, Brent Tan, Fiona E Craig, Tracy I George, Hans-Peter Horny, Katalin Kelemen, Attilio Orazi, Kaaren K Reichard, Lisa M Rimsza, Sa A Wang, **Alberto Zamo**, Leticia Quintanilla-Martinez  
Reactive Eosinophil Proliferations in Tissue and the Lymphocytic Variant of Hypereosinophilic Syndrome  
Am J Clin Pathol. 2020 Dec 25; Online ahead of print. JIF19: 2.094