

## CV AND PUBLICATION LIST OF THE APPLICANT LUKAS KENNER

### SCIENTIFIC CV OF THE APPLICANT

<b>Name</b>	<b>Lukas Kenner</b>
Date of Birth	October 8, 1965
Place of Birth	Erlangen, Germany
Nationality	Austria
Address private	Trautenauplatz 13, 1190 Vienna, Austria
Academic Degree	Univ. Prof. Dr. MD
Current Position	Full Professor; Medical University Vienna, University of Veterinary Medicine Vienna; Vienna, Interim Director Department of Pathology, Medical University Vienna
Institute	Medical University Vienna
Business Address	Wahringer Guertel 18-20, 1090 Vienna, Austria Department of Pathology
Phone	+ 43 1 40400 36590
Fax	+ 43 1 40400 51930
E-mail	lukas.kenner@meduniwien.ac.at
Internet	<a href="http://www.vetmeduni.ac.at">www.vetmeduni.ac.at</a> ; <a href="http://www.meduniwien.ac.at/orgs/index.php?id=1884">http://www.meduniwien.ac.at/orgs/index.php?id=1884</a> <a href="https://orcid.org/my-orcid?orcid=0000-0003-2184-1338">https://orcid.org/my-orcid?orcid=0000-0003-2184-1338</a> <a href="https://scholar.google.at/citations?user=U4m8YF8AAAAJ&amp;hl=de">https://scholar.google.at/citations?user=U4m8YF8AAAAJ&amp;hl=de</a>
ORCID ID	<a href="https://orcid.org/my-orcid?orcid=0000-0003-2184-1338">https://orcid.org/my-orcid?orcid=0000-0003-2184-1338</a>
Scholar:	<a href="https://scholar.google.at/citations?user=U4m8YF8AAAAJ&amp;hl=de">https://scholar.google.at/citations?user=U4m8YF8AAAAJ&amp;hl=de</a>
Main Areas of Research	- AP-1 and JAK-STAT signaling and core cancer pathways - Basic and translational cancer research with a main focus on comparative pathology in human patient samples compared to gene targeted mouse models to explore new diagnostic approaches facilitating digital pathology procedures for establishing new therapies

### Education & Career

1986 - 1991	Study of Medicine at the University Graz, Graz, Austria, MD Degree 1991
1992 - 2001	Training in Pathology and Board registration (2001) and Habilitation ( <i>Veniadocendi</i> ), Medical Faculty, Graz, Austria (2001)
2000	Post-doctoral position with Specialisation in Haematopathology at the Pathology Institute, Free University Berlin with Prof. H. Stein
2001-2004	Head of the Histology Lab (IMP) and Post-doctoral fellow, Institute for Molecular Pathology (IMP) with Prof. Erwin F. Wagner, Vienna, Austria
since 2005	Group leader and deputy Director (since 2012) at the Ludwig Boltzmann Institute for Cancer Research, Vienna; LBI-CR Renewal and second funding period with five Partner Institutions.
since 2014	§98 / full professorship, Department for Experimental Pathology and Laboratory Animal Pathology Medical University Vienna and University of Veterinary Medicine Vienna
Since 2015	Deputy Director Department of Pathology, Medical University Vienna
Oct-Dec 2016	Interim Director Department of Pathology, Medical University Vienna
Since Nov 2018	Director, Christian Doppler Laboratory for Applied Metabolomics

## Scientific Record

Invited Lectures	n=>200	
Funded Grants (PI)	n=15	
Scientific Awards	n=19	
Member in Societies	n=07	
Organizer of Major Meetings	n=26	
Reviewer, PRJs*	n=23	*PRJs: peer-reviewed journals
Original Articles, PRJs*	n=217	
Review Articles	n=20	
Impact Factor Total	n=2025,825	
H-Factor	n=64	
Citation Index total	n=16,035	since 2018=7,953

## Relevant Collaborations

Tom Blundell, University of Cambridge, UK  
David Heery, Nottingham University, UK  
Richard Kennedy, Queens University Belfast, UK  
David Waugh, Queens University Belfast, UK  
Charlotte Bevans, Imperial College London, UK  
Nigel Mongan, Nottingham University, UK  
Tom Look, Dana Farber, Boston, USA  
Mariusz Ratajczak, University of Louisville, Stem Cell Institute at James Brown Cancer Center, KY, USA  
William Tse, West Virginia University School of Medicine, Morgantown, WV, USA

## Membership in Societies and Working Groups (five most important)

2022 to date	Associate Editor, Frontiers in Oncology
2021 to date	Associate Editor, Applied Sciences
2019 to date	Associate Editor, Cancers
2017 to date	Associate Editor, Molecular Cancer, USA
2009 to date	Founding member of the European Research Initiative for ALK-Related Malignancies (ERIA; <a href="http://www.erialcl.net">www.erialcl.net</a> )

## Reviewer in Scientific Journals (five most important)

Molecular Cancer  
Nature Communications  
Journal of Pathology  
EMBO Journal  
Leukemia

Vienna, January 2023

Lukas Kenner

## PUBLICATION LIST OF THE APPLICANT (LUKAS KENNER, 2018-2022)

- [1] S. Nizet, E. Muñoz, B.L. Fiebich, P.M. Abuja, K. Kashofer, K. Zatloukal, S. Tangermann, L. Kenner, C. Tschegg, D. Nagl, L. Scheichl, C. Meisslitzer-Ruppitsch, M. Freissmuth, T. Berger, Clinoptilolite in Dextran Sulphate Sodium-Induced Murine Colitis: Efficacy and Safety of a Microparticulate Preparation, *Inflamm Bowel Dis.* 24 (2018). <https://doi.org/10.1093/ibd/izx042>.
- [2] H.T.T. Pham, B. Maurer, M. Prchal-Murphy, R. Grausenburger, E. Grundschober, T. Javaheri, H. Nivarthi, A. Boersma, T. Kolbe, M. Elabd, F. Halbritter, J. Pencik, Z. Kazemi, F. Grebien, M. Hengstschläger, L. Kenner, S. Kubicek, M. Farlik, C. Bock, P. Valent, M. Müller, T. Rüllicke, V. Sexl, R. Moriggl, STAT5B<sup>N642H</sup> is a driver mutation for T cell neoplasia, *Journal of Clinical Investigation.* 128 (2018). <https://doi.org/10.1172/JCI94509>.
- [3] J.C. Gutjahr, E. Szenes, L. Tschech, D. Asslaber, M. Schleder, S. Roos, X. Yu, T. Girbl, C. Sternberg, A. Egle, F. Aberger, R. Alon, L. Kenner, R. Greil, V. Orian-Rousseau, T.N. Hartmann, Microenvironment-induced CD44v6 promotes early disease progression in chronic lymphocytic leukemia, *Blood.* 131 (2018). <https://doi.org/10.1182/blood-2017-08-802462>.
- [4] C. Vizzardelli, M. Gindl, S. Roos, C. Möbs, B. Nagl, F. Zimmann, V. Sexl, L. Kenner, A. Neunkirchner, G.J. Zlabinger, W.F. Pickl, W. Pfützner, B. Bohle, Blocking antibodies induced by allergen-specific immunotherapy ameliorate allergic airway disease in a human/mouse chimeric model, *Allergy: European Journal of Allergy and Clinical Immunology.* 73 (2018). <https://doi.org/10.1111/all.13363>.
- [5] I. Crnčec, M. Modak, C. Gordziel, J. Svinka, I. Scharf, S. Moritsch, P. Pathria, M. Schleder, L. Kenner, G. Timelthaler, M. Müller, B. Strobl, E. Casanova, E. Bayer, T. Mohr, J. Stöckl, K. Friedrich, R. Eferl, STAT1 is a sex-specific tumor suppressor in colitis-associated colorectal cancer, *Mol Oncol.* 12 (2018). <https://doi.org/10.1002/1878-0261.12178>.
- [6] S. Schmidt, N. Schumacher, J. Schwarz, S. Tangermann, L. Kenner, M. Schleder, M. Sibilja, M. Linder, A. Altendorf-Hofmann, T. Knösel, E.S. Gruber, G. Oberhuber, J. Bolik, A. Rehman, A. Sinha, J. Lokau, P. Arnold, A.-S. Cabron, F. Zunke, C. Becker-Pauly, A. Preaudet, P. Nguyen, J. Huynh, S. Afshar-Sterle, A.L. Chand, J. Westermann, P.J. Dempsey, C. Garbers, D. Schmidt-Arras, P. Rosenstiel, T. Putoczki, M. Ernst, S. Rose-John, ADAM17 is required for EGF-R-induced intestinal tumors via IL-6 trans-signaling, *Journal of Experimental Medicine.* 215 (2018). <https://doi.org/10.1084/jem.20171696>.
- [7] I. Garces de Los Fayos Alonso, H.-C. Liang, S.D. Turner, S. Lagger, O. Merkel, L. Kenner, The role of activator protein-1 (AP-1) family members in CD30-positive lymphomas, *Cancers (Basel).* 10 (2018). <https://doi.org/10.3390/cancers10040093>.
- [8] L. Kadletz, G. Heiduschka, A. Wolf, A. Haug-Lettenbichler, L. Poyntner, T. Primosch, H. Rogatsch, M. Formanek, M. Stadler, L. Kenner, H.E. Eckel, M. Brunner, Effect of postoperative radiotherapy in pT1pN1cM0 and pT2p/cN0cM0 oropharyngeal squamous cell carcinoma, *Laryngoscope.* 128 (2018). <https://doi.org/10.1002/lary.26815>.
- [9] A. Neunkirchner, B. Kratzer, C. Köhler, U. Smole, L.F. Mager, K.G. Schmetterer, D. Trapin, V. Leb-Reichl, E. Rosloniec, R. Naumann, L. Kenner, B. Jahn-Schmid, B. Bohle, R. Valenta, W.F. Pickl, Genetic restriction of antigen-presentation dictates allergic sensitization and disease in humanized mice, *EBioMedicine.* 31 (2018). <https://doi.org/10.1016/j.ebiom.2018.04.001>.
- [10] N. Shirsath, K. Wagner, S. Tangermann, M. Schleder, C. Ringel, L. Kenner, B. Brüne, P. Wolf, 8-methoxypsoralen plus ultraviolet a reduces the psoriatic response to imiquimod in a murine model, *Acta Derm Venereol.* 98 (2018). <https://doi.org/10.2340/00015555-2905>.
- [11] T. Javaheri, Z. Kazemi, Jan Pencik, H.T.T. Pham, M. Kauer, R. Noorizadeh, B. Sax, H. Nivarthi, M. Schleder, B. Maurer, M. Hofbauer, D.N.T. Aryee, M. Wiedner, E.M. Tomazou, M. Logan, C. Hartmann, J.P. Tuckermann, L. Kenner, M. Mikula, H. Dolznig, A. Üren, G.H. Richter, F. Grebien, H. Kovar, R. Moriggl, Correction to: Increased survival and cell cycle progression pathways are required for EWS/FLI1-induced malignant transformation (*Cell Death & Disease*, (2016), 7, 10, (e2419), 10.1038/cddis.2016.268), *Cell Death Dis.* 9 (2018). <https://doi.org/10.1038/s41419-018-0773-9>.
- [12] N. Schleussner, O. Merkel, M. Costanza, H.-C. Liang, F. Hummel, C. Romagnani, P. Durek, I. Anagnostopoulos, M. Hummel, K. Jöhrens, A. Niedobitek, P.R. Griffin, R. Piva, H.L. Sczakiel, W. Woessmann, C. Damm-Welk, C. Hinze, D. Stoiber, B. Gillissen, S.D. Turner, E. Kaergel, L. von Hoff, M. Grau, G. Lenz, B. Dörken, C. Scheiderei, L. Kenner, M. Janz, S. Mathas, The AP-1-BATF and -BATF3 module is essential for growth, survival and TH17/ILC3 skewing of anaplastic large cell lymphoma, *Leukemia.* 32 (2018). <https://doi.org/10.1038/s41375-018-0045-9>.
- [13] M. Hacker, G. Hoermann, L. Kenner, Molecular imaging and molecular diagnostics: two sides of the same coin?, *Eur J Nucl Med Mol Imaging.* 45 (2018). <https://doi.org/10.1007/s00259-018-4060-x>.
- [14] H. Nivarthi, C. Gordziel, M. Themanns, N. Kramer, M. Eberl, B. Rabe, M. Schleder, S. Rose-John, T. Knösel, L. Kenner, P. Freund, F. Aberger, X. Han, R. Kralovics, H. Dolznig, S. Jennek, K. Friedrich, R. Moriggl, Correction: The ratio of STAT1 to STAT3 expression is a determinant of colorectal cancer growth (*Oncotarget* (2016) 7 (51096-51106) DOI: 10.18632/oncotarget.9315), *Oncotarget.* 9 (2018). <https://doi.org/10.18632/oncotarget.26156>.

- [15] A. Swoboda, R. Soukup, K. Kinslechner, B. Wingelhofer, D. Schörghofer, C. Sternberg, H.T.T. Pham, M. Vallianou, J. Horvath, D. Stoiber, L. Kenner, L. Larue, V. Poli, F. Beermann, T. Yokota, S. Kubicek, T. Krausgruber, A.F. Rendeiro, C. Bock, R. Zenz, B. Kovacic, F. Aberger, M. Hengstschläger, P. Petzelbauer, M. Mikula, R. Moriggl, STAT3 promotes melanoma metastasis by CEBP-induced repression of the MITF pigmentation pathway, *BioRxiv*. (2018). <https://doi.org/10.1101/422832>.
- [16] C. Sternberg, W. Gruber, M. Eberl, S. Tesanovic, M. Stadler, D.P. Elmer, M. Schleder, S. Grund, S. Roos, F. Wolff, S. Kaur, D. Mangelberger, H. Lehrach, H. Hache, C. Wierling, J. Laimer, P. Lackner, M. Wiederstein, M. Kasper, A. Risch, P. Petzelbauer, R. Moriggl, L. Kenner, F. Aberger, Synergistic cross-talk of hedgehog and interleukin-6 signaling drives growth of basal cell carcinoma, *Int J Cancer*. 143 (2018). <https://doi.org/10.1002/ijc.31724>.
- [17] S. Schneider, L. Kadletz, R. Wiebringhaus, L. Kenner, E. Selzer, T. Füreder, O. Rajky, A.S. Berghoff, M. Preusser, G. Heiduschka, PD-1 and PD-L1 expression in HNSCC primary cancer and related lymph node metastasis – impact on clinical outcome, *Histopathology*. 73 (2018). <https://doi.org/10.1111/his.13646>.
- [18] S. Sperling, P. Fiedler, M. Lechner, A. Pollithy, S. Ehrenberg, A.-I. Schiefer, L. Kenner, A. Feuchtinger, R. Kühn, G. Swinerd, M. Schmidt-Supprian, L.J. Strobl, U. Zimmer-Strobl, Chronic CD30 signaling in B cells results in lymphomagenesis by driving the expansion of plasmablasts and B1 cells, *Blood*. 133 (2019). <https://doi.org/10.1182/blood.2018880138>.
- [19] B. Grubmüller, P. Baltzer, S. Hartenbach, D. D'Andrea, T.H. Helbich, A.R. Haug, G.M. Goldner, W. Wadsak, S. Pfaff, M. Mitterhauser, T. Balber, N. Berroteran-Infante, M. Grahovac, J. Babich, C. Seitz, G. Kramer, M. Susani, P. Mazal, L. Kenner, S.F. Shariat, M. Hacker, M. Hartenbach, PSMA ligand PET/MRI for primary prostate cancer: Staging performance and clinical impact, *Clinical Cancer Research*. 24 (2018). <https://doi.org/10.1158/1078-0432.CCR-18-0768>.
- [20] P. Aigner, T. Mizutani, J. Horvath, T. Eder, S. Heber, K. Lind, V. Just, H.P. Moll, A. Yeroslaviz, M.J.M. Fischer, L. Kenner, B. Györffy, H. Sill, F. Grebien, R. Moriggl, E. Casanova, D. Stoiber, STAT3b is a tumor suppressor in acute myeloid leukemia, *Blood Adv*. 3 (2019). <https://doi.org/10.1182/bloodadvances.2018026385>.
- [21] N. Prutsch, E. Gurnhofer, T. Suske, H.C. Liang, M. Schleder, S. Roos, L.C. Wu, I. Simonitsch-Klupp, A. Alvarez-Hernandez, C. Kornauth, D.A. Leone, J. Svinka, R. Eferl, T. Limberger, A. Aufinger, N. Shirsath, P. Wolf, T. Hielscher, F. Aberger, J. Schmoellerl, D. Stoiber, B. Strobl, U. Jäger, P.B. Staber, F. Grebien, R. Moriggl, M. Müller, G.G. Inghirami, T. Sanda, A.T. Look, S.D. Turner, L. Kenner, O. Merkel, Dependency on the TYK2/STAT1/MCL1 axis in anaplastic large cell lymphoma, *Leukemia*. 33 (2019). <https://doi.org/10.1038/s41375-018-0239-1>.
- [22] F. Fitzal, S.D. Turner, L. Kenner, Is breast implant-associated anaplastic large cell lymphoma a hazard of breast implant surgery?, *Open Biol*. 9 (2019). <https://doi.org/10.1098/rsob.190006>.
- [23] F.F. Brkic, L. Kadletz, B. Jank, J. Cede, R. Seemann, S. Schneider, G. Haymerle, T. Parzefall, L. Kenner, G. Heiduschka, Pretreatment assessment of hematologic and inflammatory markers in adenoid cystic carcinoma: neutrophil/lymphocyte ratio is associated with multiple recurrences, *Oral Surg Oral Med Oral Pathol Oral Radiol*. 127 (2019). <https://doi.org/10.1016/j.oooo.2018.10.009>.
- [24] O.C. Hedesan, A. Fenzl, A. Digruher, K. Spirk, S. Baumgartner-Parzer, M. Bilban, L. Kenner, M. Vierhapper, A. Elbe-Bürger, F.W. Kiefer, Parathyroid hormone induces a browning program in human white adipocytes, *Int J Obes*. 43 (2019). <https://doi.org/10.1038/s41366-018-0266-z>.
- [25] S. Rao, L. Mondragón, B. Pranjic, T. Hanada, G. Stoll, T. Köcher, P. Zhang, A. Jais, A. Lercher, A. Bergthaler, D. Schramek, K. Haigh, V. Sica, M. Leduc, N. Modjtahedi, T.-P. Pai, M. Onji, I. Uribealago, R. Hanada, I. Kozieradzki, R. Kogelgruber, S.J. Cronin, Z. She, F. Quehenberger, H. Popper, L. Kenner, J.J. Haigh, O. Kepp, M. Rak, K. Cai, G. Kroemer, J.M. Penninger, AIF-regulated oxidative phosphorylation supports lung cancer development, *Cell Res*. 29 (2019). <https://doi.org/10.1038/s41422-019-0181-4>.
- [26] T. Javaheri, Z. Kazemi, J. Pencik, H.T.T. Pham, M. Kauer, R. Noorzadeh, B. Sax, H. Nivarthi, M. Schleder, B. Maurer, M. Hofbauer, D.N.T. Aryee, M. Wiedner, E.M. Tomazou, M. Logan, C. Hartmann, J.P. Tuckermann, L. Kenner, M. Mikula, H. Dolznig, A. Üren, G.H. Richter, F. Grebien, H. Kovar, R. Moriggl, Retraction Note: Increased survival and cell cycle progression pathways are required for EWS/FLI1-induced malignant transformation (*Cell Death & Disease*, (2016), 7, 10, (e2419), 10.1038/cddis.2016.268), *Cell Death Dis*. 10 (2019). <https://doi.org/10.1038/s41419-019-1853-1>.
- [27] M. Oberhuber, M. Pecoraro, M. Rusz, G. Oberhuber, M. Wieselberg, P. Haslinger, E. Gurnhofer, J. Pencik, R. Wiebringhaus, M. Schleder, T. Weiss, M. Schmeidl, A. Haitel, M. Brehme, W. Wadsak, J. Griss, T. Mohr, A. Hofer, A. Jäger, G. Egger, J. Pollheimer, G. Koellensperger, M. Mann, B. Hantusch, L. Kenner, STAT3-dependent systems-level analysis reveals PDK4 as an independent predictor of biochemical recurrence in prostate cancer, *BioRxiv*. (2019). <https://doi.org/10.1101/770701>.
- [28] D. Drev, F. Harpain, A. Beer, A. Stift, E.S. Gruber, M. Klimpfinger, S. Thalhammer, A. Reti, L. Kenner, M. Bergmann, B. Marian, Impact of fibroblast-derived SPARC on invasiveness of colorectal cancer cells, *Cancers (Basel)*. 11 (2019). <https://doi.org/10.3390/cancers11101421>.

- [29] E.S. Gruber, G. Oberhuber, P. Birner, M. Schleder, M. Kenn, W. Schreiner, G. Jomrich, S.F. Schoppmann, M. Gnant, W. Tse, L. Kenner, The oncogene AF1Q is associated with WNT and STAT signaling and offers a novel independent prognostic marker in patients with resectable esophageal cancer, *Cells*. 8 (2019). <https://doi.org/10.3390/cells8111357>.
- [30] D. Kaltenecker, M. Themanns, K.M. Mueller, K. Spirk, T. Suske, O. Merkel, L. Kenner, A. Luis, A. Kozlov, J. Haybaeck, M. Müller, X. Han, R. Moriggl, Hepatic growth hormone - JAK2 - STAT5 signalling: Metabolic function, non-alcoholic fatty liver disease and hepatocellular carcinoma progression, *Cytokine*. 124 (2019). <https://doi.org/10.1016/j.cyto.2018.10.010>.
- [31] E.D. de Araujo, F. Erdogan, H.A. Neubauer, D. Meneksedag-Erol, P. Manaswiyoungkul, M.S. Eram, H.-S. Seo, A.K. Qadree, J. Israelian, A. Orlova, T. Suske, H.T.T. Pham, A. Boersma, S. Tangermann, L. Kenner, T. Rüllicke, A. Dong, M. Ravichandran, P.J. Brown, G.F. Audette, S. Rauscher, S. Dhe-Paganon, R. Moriggl, P.T. Gunning, Structural and functional consequences of the STAT5B<sup>N642H</sup> driver mutation, *Nat Commun*. 10 (2019). <https://doi.org/10.1038/s41467-019-10422-7>.
- [32] D. Kaltenecker, M. Themanns, K.M. Mueller, K. Spirk, N. Golob-Schwarzl, K. Friedbichler, L. Kenner, J. Haybaeck, R. Moriggl, STAT5 deficiency in hepatocytes reduces diethylnitrosamine-induced liver tumorigenesis in mice, *Cytokine*. 124 (2019). <https://doi.org/10.1016/j.cyto.2018.10.014>.
- [33] R.M. Trigg, L.C. Lee, N. Prokoph, L. Jahangiri, C.P. Reynolds, G.A. Amos Burke, N.A. Probst, M. Han, J.D. Matthews, H. Kai Lim, E. Manners, S. Martinez, J. Pastor, C. Blanco-Aparicio, O. Merkel, I.G. de los Fayos Alonso, P. Kodajova, S. Tangermann, S. Högler, J. Luo, L. Kenner, S.D. Turner, The targetable kinase PIM1 drives ALK inhibitor resistance in high-risk neuroblastoma independent of MYCN status, *Nat Commun*. 10 (2019). <https://doi.org/10.1038/s41467-019-13315-x>.
- [34] L. Kadletz, L. Kenner, R. Wiebringhaus, B. Jank, C. Mayer, E. Gurnhofer, S. Konrad, G. Heiduschka, Evaluation of the cancer stem cell marker DCLK1 in patients with lymph node metastases of head and neck cancer, *Pathol Res Pract*. 215 (2019). <https://doi.org/10.1016/j.prp.2019.152698>.
- [35] U. Kotowski, L. Kadletz, S. Schneider, F. Oberndorfer, J. Schnoell, E. Gurnhofer, L. Kenner, T. Lucas, G. Heiduschka, Overexpression of LAPTM4B-35 is a negative prognostic factor in head and neck squamous cell carcinoma, *Sci Rep*. 9 (2019). <https://doi.org/10.1038/s41598-019-55319-z>.
- [36] O. Aksoy, J. Pencik, M. Hartenbach, A.A. Moazzami, M. Schleder, T. Balber, B. Mazumder, J.B. Whitchurch, C.J. Roberts, M. Susani, M. Mitterhauser, R. Marculescu, G. Kramer, S.D. Turner, S. Hartenbach, S. Tangermann, G. Egger, H.A. Neubauer, R. Moriggl, Z. Culig, G. Hoermann, M. Hacker, D.M. Heery, O. Merkel, L. Kenner, Thyroid and androgen receptor signaling are antagonized by CRYM in prostate cancer, *BioRxiv*. (2019). <https://doi.org/10.1101/2019.12.19.881151>.
- [37] B. Maurer, H. Nivarthi, B. Wingelhofer, H.T.T. Pham, M. Schleder, T. Suske, R. Grausenburger, A.-I. Schiefer, M. Prchal-Murphy, D. Chen, S. Winkler, O. Merkel, C. Kornauth, M. Hofbauer, B. Hochgatterer, G. Hoermann, A. Hoelbl-Kovacic, J. Prochazkova, C. Lobello, A.A. Cumaraswamy, J. Latzka, M. Kitzwögerer, A. Chott, A. Janikova, Š. Pospíšilova, J.I. Loizou, S. Kubicek, P. Valent, T. Kolbe, F. Grebien, L. Kenner, P.T. Gunning, R. Kralovics, M. Herling, M. Müller, T. Rüllicke, V. Sexl, R. Moriggl, High activation of STAT5A drives peripheral T-cell lymphoma and leukemia, *Haematologica*. 105 (2020). <https://doi.org/10.3324/haematol.2019.216986>.
- [38] M.S. Lim, T. Beyer, A. Babayan, M. Bergmann, M. Brehme, A. Buyx, J. Czernin, G. Egger, K.S.J. Elenitoba-Johnson, B. Gückel, A. Jačan, H. Haslacher, R.J. Hicks, L. Kenner, M. Langanke, M. Mitterhauser, B.J. Pichler, H.R. Salih, R. Schibli, S. Schulz, J. Simecek, J. Simon, M.O. Soares, U. Stelzl, W. Wadsak, K. Zatloukal, M. Zeitlinger, M. Hacker, Advancing Biomarker Development Through Convergent Engagement: Summary Report of the 2nd International Danube Symposium on Biomarker Development, Molecular Imaging and Applied Diagnostics; March 14–16, 2018; Vienna, Austria, *Mol Imaging Biol*. 22 (2020). <https://doi.org/10.1007/s11307-019-01361-2>.
- [39] E.S. Gruber, G. Oberhuber, D. Pils, T. Stork, K. Sinn, S. Gruber, R. Nica, D. Kolmer, S.D. Turner, M. Schleder, J. Widder, W. Doerr, B. Teleky, L. Kenner, The determination of immunomodulation and its impact on survival of rectal cancer patients depends on the area comprising a tissue microarray, *Cancers (Basel)*. 12 (2020). <https://doi.org/10.3390/cancers12030563>.
- [40] A. Fenzl, O.C. Kulterer, K. Spirk, G. Mitulović, R. Marculescu, M. Bilban, S. Baumgartner-Parzer, A. Kautzky-Willer, L. Kenner, J. Plutzky, L. Quadro, F.W. Kiefer, Cold-mediated regulation of systemic retinol transport controls adipose tissue browning, *BioRxiv*. (2020). <https://doi.org/10.1101/2020.02.07.938688>.
- [41] L.C. Kadletz, F.F. Brkic, B.J. Jank, S. Schneider, J. Cede, R. Seemann, E.S. Gruber, E. Gurnhofer, G. Heiduschka, L. Kenner, AF1q Expression Associates with CD44 and STAT3 and Impairs Overall Survival in Adenoid Cystic Carcinoma of the Head and Neck, *Pathology and Oncology Research*. 26 (2020). <https://doi.org/10.1007/s12253-019-00696-z>.
- [42] M. Oberhuber, M. Pecoraro, M. Ruzs, G. Oberhuber, M. Wieselberg, P. Haslinger, E. Gurnhofer, M. Schleder, T. Limberger, S. Lagger, J. Pencik, P. Kodajova, S. Högler, G. Stockmaier, S. Grund-Gröschke, F. Aberger, M. Bolis, J.-P. Theurillat, R. Wiebringhaus, T. Weiss, A. Häitel, M. Brehme, W. Wadsak, J. Griss, T. Mohr, A.

- Hofer, A. Jäger, J. Pollheimer, G. Egger, G. Koellensperger, M. Mann, B. Hantusch, L. Kenner, STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer, *Mol Syst Biol.* 16 (2020). <https://doi.org/10.15252/msb.20199247>.
- [43] E. Redl, R. Sheibani-Tezerji, P. Hamminger, G. Timelthaler, M.R. Hassler, S. Lagger, T. Dillinger, L. Hofbauer, M. Zrimšek, A. Tiefenbacher, M. Kothmayer, C.H. Dietz, B.H. Ramsahoye, L. Kenner, C. Bock, C. Seiser, W. Ellmeier, G. Schweikert, G. Egger, Requirement of DNMT1 to orchestrate epigenomic reprogramming during NPM-ALK driven t cell lymphomagenesis, *BioRxiv.* (2020). <https://doi.org/10.1101/2020.04.09.033373>.
- [44] J. Schnoell, L. Kadletz, B.J. Jank, F. Oberndorfer, F.F. Brkic, E. Gurnhofer, J. Cede, R. Seemann, L. Kenner, G. Heiduschka, Expression of inhibitors of apoptosis proteins in salivary gland adenoid cystic carcinoma: XIAP is an independent marker of impaired cause-specific survival, *Clinical Otolaryngology.* 45 (2020). <https://doi.org/10.1111/coa.13509>.
- [45] J. Tobias, C. Battin, A. De Sousa Linhares, M. Lebens, K. Baier, K. Ambroz, M. Drinić, S. Högl, A. Inic-Kanada, E. Garner-Spitzer, M. Preusser, L. Kenner, M. Kundi, C.C. Zielinski, P. Steinberger, U. Wiedermann, A New Strategy Toward B Cell-Based Cancer Vaccines by Active Immunization With Mimotopes of Immune Checkpoint Inhibitors, *Front Immunol.* 11 (2020). <https://doi.org/10.3389/fimmu.2020.00895>.
- [46] B.J. Jank, L. Kadletz, D. Dunkler, M. Haas, J. Schnoell, L. Kenner, G. Heiduschka, Epithelial stem cell marker LGR6 expression identifies a low-risk subgroup in human papillomavirus positive oropharyngeal squamous cell carcinoma, *Oral Oncol.* 105 (2020). <https://doi.org/10.1016/j.oraloncology.2020.104657>.
- [47] C. Vizzardelli, F. Zimmann, B. Nagl, C. Kitzmüller, U. Vollmann, M. Gindl, S. Tangermann, B. Jahn-Schmid, L. Kenner, B. Bohle, NSG mice humanized with allergen-specific T-cell lines as in vivo model of respiratory allergy, *Allergy: European Journal of Allergy and Clinical Immunology.* 75 (2020). <https://doi.org/10.1111/all.14263>.
- [48] D. Kaltenecker, K. Spirk, F. Ruge, F. Grebien, M. Herling, A. Rupprecht, L. Kenner, E.E. Pohl, K.M. Mueller, R. Moriggl, STAT5 is required for lipid breakdown and beta-adrenergic responsiveness of brown adipose tissue, *Mol Metab.* 40 (2020). <https://doi.org/10.1016/j.molmet.2020.101026>.
- [49] N. Prokoph, N.A. Probst, L.C. Lee, J.M. Monahan, J.D. Matthews, H.-C. Liang, K. Bahnsen, I.A. Montes-Mojarro, E. Karaca-Atabay, G.G. Sharma, V. Malik, H. Larose, S.D. Forde, S.P. Ducray, C. Lobello, Q. Wang, S.-L. Luan, Š. Pospíšilová, C. Gambacorti-Passerini, G.A.A. Burke, S. Pervez, A. Attarbaschi, A. Janíková, H. Pacquement, J. Landman-Parker, A. Lambilliotte, G. Schleiermacher, W. Klapper, R. Jauch, W. Woessmann, G. Vassal, L. Kenner, O. Merkel, L. Mologni, R. Chiarle, L. Brugières, B. Geoerger, I. Barbieri, S.D. Turner, IL10RA modulates crizotinib sensitivity in NPM1-ALK<sup>+</sup> anaplastic large cell lymphoma, *Blood.* 136 (2020). <https://doi.org/10.1182/blood.2019003793>.
- [50] N. Prutsch, E. Gurnhofer, T. Suske, H.C. Liang, M. Schleder, S. Roos, L.C. Wu, I. Simonitsch-Klupp, A. Alvarez-Hernandez, C. Kornauth, D.A. Leone, J. Svinka, R. Eferl, T. Limberger, A. Aufinger, N. Shirsath, P. Wolf, T. Hielscher, C. Sternberg, F. Aberger, J. Schmoellerl, D. Stoiber, B. Strobl, U. Jäger, P.B. Staber, F. Grebien, R. Moriggl, M. Müller, G.G. Inghirami, T. Sanda, A.T. Look, S.D. Turner, L. Kenner, O. Merkel, Correction: Dependency on the TYK2/STAT1/MCL1 axis in anaplastic large cell lymphoma (Leukemia, (2019), 33, 3, (696-709), 10.1038/s41375-018-0239-1), *Leukemia.* 34 (2020). <https://doi.org/10.1038/s41375-020-0968-9>.
- [51] S. Pflügler, J. Svinka, I. Scharf, I. Crncec, M. Filipits, P. Charoentong, M. Tschurtschenthaler, L. Kenner, M. Awad, J. Stift, M. Schernthanner, R. Bischl, D. Herndler-Brandstetter, E. Glitzner, H.P. Moll, E. Casanova, G. Timelthaler, M. Sibilia, M. Gnant, S. Lax, J. Thaler, M. Müller, B. Strobl, T. Mohr, A. Kaser, Z. Trajanoski, G. Heller, R. Eferl, IDO1<sup>+</sup> Paneth cells promote immune escape of colorectal cancer, *Commun Biol.* 3 (2020). <https://doi.org/10.1038/s42003-020-0989-y>.
- [52] H. Beiglböck, P. Wolf, L. Pflieger, B. Caliskan, P. Fellingner, G. Zettinig, C.H. Anderwald, L. Kenner, S. Trattinig, A. Kautzky-Willer, M. Krššák, M. Krebs, Effects of thyroid function on phosphodiester concentrations in skeletal muscle and liver: An in vivo nmrs study, *Journal of Clinical Endocrinology and Metabolism.* 105 (2020). <https://doi.org/10.1210/clinem/dgaa663>.
- [53] A. Fenzl, O.C. Kulterer, K. Spirk, G. Mitulović, R. Marculescu, M. Bilban, S. Baumgartner-Parzer, A. Kautzky-Willer, L. Kenner, J. Plutzky, L. Quadro, F.W. Kiefer, Intact vitamin A transport is critical for cold-mediated adipose tissue browning and thermogenesis, *Mol Metab.* 42 (2020). <https://doi.org/10.1016/j.molmet.2020.101088>.
- [54] H. Johnson, J. Guo, X. Zhang, H. Zhang, A. Simoulis, A.H.B. Wu, T. Xia, F. Li, W. Tan, A. Johnson, N. Dizeyi, P.-A. Abrahamsson, L. Kenner, X. Feng, C. Zou, K. Xiao, J.L. Persson, L. Chen, Development and validation of a 25-Gene Panel urine test for prostate cancer diagnosis and potential treatment follow-up, *BMC Med.* 18 (2020). <https://doi.org/10.1186/s12916-020-01834-0>.
- [55] E. Atas, M. Oberhuber, L. Kenner, The Implications of PDK1–4 on Tumor Energy Metabolism, Aggressiveness and Therapy Resistance, *Front Oncol.* 10 (2020). <https://doi.org/10.3389/fonc.2020.583217>.
- [56] E.S. Gruber, G. Oberhuber, P. Birner, M. Schleder, M. Kenn, W. Schreiner, G. Jomrich, S.F. Schoppmann, M. Gnant, W. Tse, L. Kenner, Erratum: Gruber, E.S.; et al. The Oncogene AFIQ is Associated with WNT and

- STAT Signaling and Offers a Novel Independent Prognostic Marker in Patients with Resectable Esophageal Cancer. *Cells* 2019, 8, 1357, *Cells*. 9 (2020). <https://doi.org/10.3390/cells9122724>.
- [57] S. Igelmann, F. Lessard, A. Fernandez-Ruiz, J. Bouchard, O. Uchenunu, M.-C. Rowell, S. Lopes-Paciencia, D. Papadopoli, A. Fouillen, K.J. Ponce, G. Huot, L. Mignacca, M. Benfdil, P. Kalegari, H.M. Wahba, J. Pencik, N. Vuong, J. Quenneville, V. Bourdeau, L. Hulea, E. Gagnon, L. Kenner, R. Moriggl, A. Nanci, M.N. Pollak, J.G. Omichinski, I. Topisirovic, G. Ferbeyre, A Hydride Transfer Complex Reprograms NAD Metabolism Preventing Senescence, SSRN. (2020). <https://doi.org/10.2139/ssrn.3753808>.
- [58] S. Forde, J.D. Matthews, L. Jahangiri, L.C. Lee, N. Prokoph, T.I.M. Malcolm, O.T. Giger, N. Bell, H. Blair, A. O'Marcaigh, O. Smith, L. Kenner, S. Bomken, G.A.A. Burke, S.D. Turner, Paediatric Burkitt lymphoma patient-derived xenografts capture disease characteristics over time and are a model for therapy, *Br J Haematol*. 192 (2021). <https://doi.org/10.1111/bjh.17043>.
- [59] L. Bierbaumer, A.M. Katschnig, B. Radic-Sarikas, M.O. Kauer, J.A. Petro, S. Högl, E. Gurnhofer, G. Pedot, B.W. Schäfer, R. Schwentner, K. Mühlbacher, F. Kromp, D.N.T. Aryee, L. Kenner, A. Uren, H. Kovar, YAP/TAZ inhibition reduces metastatic potential of Ewing sarcoma cells, *Oncogenesis*. 10 (2021). <https://doi.org/10.1038/s41389-020-00294-8>.
- [60] M. Paolino, R. Koglruber, S.J.F. Cronin, I. Uribealago, E. Rauscher, J. Harreiter, M. Schuster, D. Bancher-Todesca, B. Pranjic, M. Novatchkova, J.P. Fededa, A.J. White, V. Sigl, S. Dekan, T. Penz, C. Bock, L. Kenner, G.A. Holländer, G. Anderson, A. Kautzky-Willer, J.M. Penninger, RANK links thymic regulatory T cells to fetal loss and gestational diabetes in pregnancy, *Nature*. 589 (2021). <https://doi.org/10.1038/s41586-020-03071-0>.
- [61] A. Poelzl, C. Lassnig, S. Tangermann, D. Hromadová, U. Reichart, R. Gawish, K. Mueller, R. Moriggl, A. Linkermann, M. Glösmann, L. Kenner, M. Mueller, B. Strobl, TYK2 licenses non-canonical inflammasome activation during endotoxemia, *Cell Death Differ*. 28 (2021). <https://doi.org/10.1038/s41418-020-00621-x>.
- [62] E. Redl, R. Sheibani-Tezerji, C.D.J. Cardona, P. Hamminger, G. Timelthaler, M.R. Hassler, M. Zrimšek, S. Lagger, T. Dillinger, L. Hofbauer, K. Draganic, A. Tiefenbacher, M. Kothmayer, C.H. Dietz, B.H. Ramsahoye, L. Kenner, C. Bock, C. Seiser, W. Ellmeier, G. Schweikert, G. Egger, Requirement of DNMT1 to orchestrate epigenomic reprogramming for NPM-ALK-driven lymphomagenesis, *Life Sci Alliance*. 4 (2021). <https://doi.org/10.26508/LSA.202000794>.
- [63] O. Aksoy, J. Pencik, M. Hartenbach, A.A. Moazzami, M. Schleder, T. Balber, A. Varady, C. Philippe, P.A. Baltzer, B. Mazumder, J.B. Whitchurch, C.J. Roberts, A. Haitel, M. Herac, M. Susani, M. Mitterhauser, R. Marculescu, J. Stangl-Kremser, M.R. Hassler, G. Kramer, S.F. Shariat, S.D. Turner, B. Tichy, J. Oppelt, S. Pospisilova, S. Hartenbach, S. Tangermann, G. Egger, H.A. Neubauer, R. Moriggl, Z. Culig, G. Greiner, G. Hoermann, M. Hacker, D.M. Heery, O. Merkel, L. Kenner, Thyroid and androgen receptor signaling are antagonized by  $\mu$ -Crystallin in prostate cancer, *Int J Cancer*. 148 (2021). <https://doi.org/10.1002/ijc.33332>.
- [64] A. Swoboda, R. Soukup, O. Eckel, K. Kinslechner, B. Wingelhofer, D. Schörghofer, C. Sternberg, H.T.T. Pham, M. Vallianou, J. Horvath, D. Stoiber, L. Kenner, L. Larue, V. Poli, F. Beermann, T. Yokota, S. Kubicek, T. Krausgruber, A.F. Rendeiro, C. Bock, R. Zenz, B. Kovacic, F. Aberger, M. Hengstschläger, P. Petzelbauer, M. Mikula, R. Moriggl, STAT3 promotes melanoma metastasis by CEBP-induced repression of the MITF pathway, *Oncogene*. 40 (2021). <https://doi.org/10.1038/s41388-020-01584-6>.
- [65] Y. Zhou, I.N. Bastian, M.D. Long, M. Dow, W. Li, T. Liu, R.K. Ngu, L. Antonucci, J.Y. Huang, Q.T. Phung, X.-H. Zhao, S. Banerjee, X.-J. Lin, H. Wang, B. Dang, S. Choi, D. Karin, H. Su, M.H. Ellisman, C. Jamieson, M. Bosenberg, Z. Cheng, J. Haybaeck, L. Kenner, K.M. Fisch, R. Bourgon, G. Hernandez, J.R. Lill, S. Liu, H. Carter, I. Mellman, M. Karin, S. Shalapour, Activation of NF- $\kappa$ B and p300/CBP potentiates cancer chemoimmunotherapy through induction of MHC-I antigen presentation, *Proc Natl Acad Sci U S A*. 118 (2021). <https://doi.org/10.1073/pnas.2025840118>.
- [66] J. Schnoell, B.J. Jank, L. Kadletz-Wanke, S. Stoiber, C.P. Spielvogel, E. Gurnhofer, L. Kenner, G. Heiduschka, Transcription factors CP2 and YY1 as prognostic markers in head and neck squamous cell carcinoma: analysis of The Cancer Genome Atlas and a second independent cohort, *J Cancer Res Clin Oncol*. 147 (2021). <https://doi.org/10.1007/s00432-020-03482-6>.
- [67] J. Guo, H. Johnson, X. Zhang, X. Feng, H. Zhang, A. Simoulis, A.H.B. Wu, T. Xia, F. Li, W. Tan, A. Johnson, N. Dizayi, P.-A. Abrahamsson, L. Kenner, L. Chen, W. Zhong, K. Xiao, J.L. Persson, C. Zou, A 23-Gene Classifier urine test for prostate cancer prognosis, *Clin Transl Med*. 11 (2021). <https://doi.org/10.1002/ctm2.340>.
- [68] P. Valent, A. Orfao, S. Kubicek, P. Staber, T. Haferlach, M. Deininger, K. Kollmann, T. Lion, I. Virgolini, G. Winter, O. Hantschel, L. Kenner, J. Zuber, F. Grebien, R. Moriggl, G. Hoermann, O. Hermine, M. Andreeff, C. Bock, T. Mughal, S.N. Constantinescu, R. Kralovics, V. Sexl, R. Skoda, G. Superti-Furga, U. Jäger, Precision Medicine in Hematology 2021: Definitions, Tools, Perspectives, and Open Questions, *Hemasphere*. 5 (2021). <https://doi.org/10.1097/HS9.0000000000000536>.
- [69] F.F. Brkic, L. Kadletz-Wanke, L. Kenner, T. Füreder, B. Jank, M. Brunner, G. Heiduschka, An analysis of distant metastasis cases from HPV-associated oropharyngeal squamous cell carcinoma, *Journal of Cranio-Maxillofacial Surgery*. 49 (2021). <https://doi.org/10.1016/j.jcms.2021.01.012>.

- [70] L. Papp, C.P. Spielvogel, B. Grubmüller, M. Grahovac, D. Krajnc, B. Ecsedi, R.A.M. Sareshgi, D. Mohamad, M. Hamboeck, I. Rausch, M. Mitterhauser, W. Wadsak, A.R. Haug, L. Kenner, P. Mazal, M. Susani, S. Hartenbach, P. Baltzer, T.H. Helbich, G. Kramer, S.F. Shariat, T. Beyer, M. Hartenbach, M. Hacker, Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [<sup>68</sup>Ga]Ga-PSMA-11 PET/MRI, *Eur J Nucl Med Mol Imaging*. 48 (2021). <https://doi.org/10.1007/s00259-020-05140-y>.
- [71] H. Larose, N. Prokoph, J.D. Matthews, M. Schleederer, S. Högler, A.F. Alsulami, S.P. Ducray, E. Nuglozeh, M.F. Fazaludeen, A. Elmouna, M. Ceccon, L. Mologni, C. Gambacorti-Passerini, G. Hoefler, C. Lobello, S. Pospisilova, A. Janikova, W. Woessmann, C. Damm-Welk, M. Zimmermann, A. Fedorova, A. Malone, O. Smith, M. Wasik, G. Inghirami, L. Lamant, T.L. Blundell, W. Klapper, O. Merkel, G.A. Amos Burke, S. Mian, I. Ashankyty, L. Kenner, S.D. Turner, Whole exome sequencing reveals NOTCH1 mutations in anaplastic large cell lymphoma and points to Notch both as a key pathway and a potential therapeutic target, *Haematologica*. 106 (2021). <https://doi.org/10.3324/haematol.2019.238766>.
- [72] J. Guo, X. Zhang, T. Xia, H. Johnson, X. Feng, A. Simoulis, A.H.B. Wu, F. Li, W. Tan, A. Johnson, N. Dizeyi, P.-A. Abrahamsson, L. Kenner, K. Xiao, H. Zhang, L. Chen, C. Zou, J.L. Persson, Non-invasive Urine Test for Molecular Classification of Clinical Significance in Newly Diagnosed Prostate Cancer Patients, *Front Med (Lausanne)*. 8 (2021). <https://doi.org/10.3389/fmed.2021.721554>.
- [73] S. Igelmann, F. Lessard, O. Uchenunu, J. Bouchard, A. Fernandez-Ruiz, M.-C. Rowell, S. Lopes-Paciencia, D. Papadopoli, A. Fouillen, K.J. Ponce, G. Huot, L. Mignacca, M. Benfdil, P. Kalegari, H.M. Wahba, J. Pencik, N. Vuong, J. Quenneville, J. Guillon, V. Bourdeau, L. Hulea, E. Gagnon, L. Kenner, R. Moriggl, A. Nanci, M.N. Pollak, J.G. Omichinski, I. Topisirovic, G. Ferbeyre, A hydride transfer complex reprograms NAD metabolism and bypasses senescence, *Mol Cell*. 81 (2021). <https://doi.org/10.1016/j.molcel.2021.08.028>.
- [74] K.D. Wurster, M. Costanza, S. Kreher, S. Glaser, B. Lamprecht, N. Schleussner, I. Anagnostopoulos, M. Hummel, K. Jöhrens, H. Stein, A. Molina, A. Diepstra, B. Gillissen, K. Köchert, R. Siebert, O. Merkel, L. Kenner, M. Janz, S. Mathas, Aberrant expression of and cell death induction by engagement of the mhc-ii chaperone cd74 in anaplastic large cell lymphoma (Alcl), *Cancers (Basel)*. 13 (2021). <https://doi.org/10.3390/cancers13195012>.
- [75] M.A. Beck, H. Fischer, L.M. Grabner, T. Groffics, M. Winter, S. Tangermann, T. Meischel, B. Zaussinger-Haas, P. Wagner, C. Fischer, C. Folie, J. Arand, C. Schöfer, B. Ramsahoye, S. Lagger, G. Machat, G. Eisenwort, S. Schneider, A. Podhornik, M. Kothmayer, U. Reichart, M. Glösmann, I. Tamir, M. Mildner, R. Sheibani-Tezerji, L. Kenner, P. Petzelbauer, G. Egger, M. Sibilia, A. Ablasser, C. Seiser, DNA hypomethylation leads to cGAS-induced autoinflammation in the epidermis, *EMBO Journal*. 40 (2021). <https://doi.org/10.15252/embj.2021108234>.
- [76] J. Radloff, N. Latic, U. Pfeiffenberger, C. Schüler, S. Tangermann, L. Kenner, R.G. Erben, A phosphate and calcium-enriched diet promotes progression of 5/6-nephrectomy-induced chronic kidney disease in C57BL/6 mice, *Sci Rep*. 11 (2021). <https://doi.org/10.1038/s41598-021-94264-8>.
- [77] H.-C. Liang, M. Costanza, N. Prutsch, M.W. Zimmerman, E. Gurnhofer, I.A. Montes-Mojarro, B.J. Abraham, N. Prokoph, S. Stoiber, S. Tangermann, C. Lobello, J. Oppelt, I. Anagnostopoulos, T. Hielscher, S. Pervez, W. Klapper, F. Zammarchi, D.-A. Silva, K.C. Garcia, D. Baker, M. Janz, N. Schleussner, F. Fend, Š. Pospíšilová, A. Janiková, J. Wallwitz, D. Stoiber, I. Simonitsch-Klupp, L. Cerroni, S. Pileri, L. de Leval, D. Sibon, V. Fataccioli, P. Gaulard, C. Assaf, F. Knörr, C. Damm-Welk, W. Woessmann, S.D. Turner, A.T. Look, S. Mathas, L. Kenner, O. Merkel, Super-enhancer-based identification of a BATF3/IL-2R-module reveals vulnerabilities in anaplastic large cell lymphoma, *Nat Commun*. 12 (2021). <https://doi.org/10.1038/s41467-021-25379-9>.
- [78] K. Das, E. Belnoue, M. Rossi, T. Hofer, S. Danklmaier, T. Nolden, L.-M. Schreiber, K. Angerer, J. Kimpel, S. Hoegler, B. Spiesschaert, L. Kenner, D. von Laer, K. Elbers, M. Derouazi, G. Wollmann, A modular self-adjuvanting cancer vaccine combined with an oncolytic vaccine induces potent antitumor immunity, *Nat Commun*. 12 (2021). <https://doi.org/10.1038/s41467-021-25506-6>.
- [79] R. Wiebringhaus, M. Pecoraro, H.A. Neubauer, K. Trachtová, B. Trimmel, M. Wieselberg, J. Pencik, G. Egger, C. Krall, R. Moriggl, M. Mann, B. Hantusch, L. Kenner, Proteomic analysis identifies ndufs1 and atp5o as novel markers for survival outcome in prostate cancer, *Cancers (Basel)*. 13 (2021). <https://doi.org/10.3390/cancers13236036>.
- [80] J. Schnoell, U. Kotowski, B.J. Jank, S. Stoiber, E. Gurnhofer, M. Schleederer, G. Heiduschka, L. Kenner, L. Kadletz-Wanke, Prognostic relevance of thyroid-hormone-associated proteins in adenoid cystic carcinoma of the head and neck, *J Pers Med*. 11 (2021). <https://doi.org/10.3390/jpm11121352>.
- [81] B.J. Jank, M. Haas, J. Schnoell, M. Schleederer, G. Heiduschka, L. Kenner, L. Kadletz-Wanke, μ-Crystallin Is Associated with Disease Outcome in Head and Neck Squamous Cell Carcinoma, *J Pers Med*. 11 (2021). <https://doi.org/10.3390/jpm11121330>.
- [82] L. Sandner, M. Alteneder, C. Zhu, A. Hladik, S. Högler, R. Rica, L.W. Van Greuningen, O. Sharif, S. Sakaguchi, S. Knapp, L. Kenner, M. Trauner, W. Ellmeier, N. Boucheron, The Tyrosine Kinase Tec Regulates Effector Th17 Differentiation, Pathogenicity, and Plasticity in T-Cell-Driven Intestinal Inflammation, *Front Immunol*. 12 (2021). <https://doi.org/10.3389/fimmu.2021.750466>.



- [83] T. Ryman-Tubb, J.H. Lothion-Roy, V.M. Metzler, A.E. Harris, B.D. Robinson, A.A. Rizvanov, J.N. Jeyapalan, V.H. James, G. England, C.S. Rutland, J.L. Persson, L. Kenner, M.A. Rubin, N.P. Mongan, S. de Brot, Comparative pathology of dog and human prostate cancer, *Vet Med Sci.* 8 (2022). <https://doi.org/10.1002/vms3.642>.
- [84] G.D. Garland, S.P. Ducray, L. Jahangiri, P. Pucci, G.A.A. Burke, J. Monahan, R. Lai, O. Merkel, A.-I. Schiefer, L. Kenner, A.J. Bannister, S.D. Turner, *Brg1* and *npm-alk* are co-regulated in anaplastic large-cell lymphoma; *brg1* is a potential therapeutic target in *alcl*, *Cancers (Basel)*. 14 (2022). <https://doi.org/10.3390/cancers14010151>.
- [85] J. Schnoell, A. Scheiflinger, S. Al-Gboore, L. Kadletz-Wanke, L. Kenner, G. Heiduschka, B.J. Jank, The prognostic role of PSMD14 in head and neck squamous cell carcinoma, *J Cancer Res Clin Oncol.* (2022). <https://doi.org/10.1007/s00432-022-04072-4>.
- [86] J. Schnoell, B.J. Jank, L. Kadletz-Wanke, S. Stoiber, E. Gurnhofer, M. Schleder, G. Heiduschka, L. Kenner, Protein Expression of Folate Receptor Alpha in Adenoid Cystic Carcinoma of the Head and Neck, *Onco Targets Ther.* 15 (2022). <https://doi.org/10.2147/OTT.S351500>.
- [87] C. Kornauth, T. Pemovska, G.I. Vladimer, G. Bayer, M. Bergmann, S. Eder, R. Eichner, M. Erl, H. Esterbauer, R. Exner, V. Felsleitner-Hauer, M. Forte, A. Gaiger, K. Geissler, H.T. Greinix, W. Gstöttner, M. Hacker, B.L. Hartmann, A.W. Hauswirth, T. Heinemann, D. Heintel, M.A. Hoda, G. Hopfinger, U. Jaeger, L. Kazianka, L. Kenner, B. Kiesewetter, N. Krall, G. Krajnik, S. Kubicek, T. Le, S. Lubowitzki, M.E. Mayerhoefer, E. Menschel, O. Merkel, K. Miura, L. Müllauer, P. Neumeister, T. Noesslinger, K. Ocko, L. Öhler, M. Panny, A. Pichler, E. Porpaczy, G.W. Prager, M. Raderer, R. Ristl, R. Ruckser, J. Salamon, A.-I. Schiefer, A.-S. Schmolke, I. Schwarzing, E. Selzer, C. Sillaber, C. Skrabs, W.R. Sperr, I. Srndic, R. Thalhammer, P. Valent, E. van der Kouwe, K. Vanura, S. Vogt, C. Waldstein, D. Wolf, C.C. Zielinski, N. Zojer, I. Simonitsch-Klupp, G. Superti-Furga, B. Snijder, P.B. Staber, Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematologic Cancers and Identifies Exceptional Responders, *Cancer Discov.* 12 (2022). <https://doi.org/10.1158/2159-8290.CD-21-0538>.
- [88] S. Moritsch, B. Mödl, I. Scharf, L. Janker, D. Zwolanek, G. Timelthaler, E. Casanova, M. Sibia, T. Mohr, L. Kenner, D. Herndler-Brandstetter, C. Gerner, M. Müller, B. Strobl, R. Eferl, *Tyk2* is a tumor suppressor in colorectal cancer, *Oncoimmunology.* 11 (2022). <https://doi.org/10.1080/2162402X.2022.2127271>.
- [89] L. Kenner, S. Kenner, B. Prainsack, P. Wallner, K. Lemmerer, L. Weitensfelder, H.-P. Hutter, The climate crisis as an ethical challenge, *Wiener Medizinische Wochenschrift.* (2022). <https://doi.org/10.1007/s10354-022-00986-3>.
- [90] A. Härzschel, L. Li, P.W. Krenn, E. Szenes-Nagy, G. Andrieux, E. Bayer, D. Pfeifer, L. Polcik, U. Denk, J.P. Höpner, E. Karabatak, D.-J. Danner, S. Tangermann, L. Kenner, H. Jumaa, R. Greil, M. Börries, R. Ruppert, P.C. Maity, T.N. Hartmann, *Kindlin-3* maintains marginal zone B cells but confines follicular B cell activation and differentiation, *J Leukoc Biol.* 111 (2022). <https://doi.org/10.1002/JLB.1HI0621-313R>.
- [91] F.F. Brkic, S. Stoiber, T. Maier, E. Gurnhofer, L. Kenner, G. Heiduschka, L. Kadletz-Wanke, Targeting *Wnt/Beta-Catenin* Signaling in HPV-Positive Head and Neck Squamous Cell Carcinoma, *Pharmaceuticals.* 15 (2022). <https://doi.org/10.3390/ph15030378>.
- [92] L. Kadletz-Wanke, F. Oberndorfer, E. Grabner, L. Kenner, K.F. Schrögenderfer, G. Heiduschka, Evaluation of the External Jugular Vein Overlying the Sternocleidomastoid Muscle as Venous Lymph-Node Flap, *J Clin Med.* 11 (2022). <https://doi.org/10.3390/jcm11071812>.
- [93] J. Tobias, M. Drinić, S. Högler, K. Ambroz, K. Baier, P. Kodajova, E. Tomasich, A.S. Berghoff, A. Schmid, E. Garner-Spitzer, L. Kenner, M. Kundi, C.C. Zielinski, U. Wiedermann, Active immunization with a *Her-2/neu*-targeting Multi-peptide B cell vaccine prevents lung metastases formation from *Her-2/neu* breast cancer in a mouse model, *Transl Oncol.* 19 (2022). <https://doi.org/10.1016/j.tranon.2022.101378>.
- [94] J. Pencik, C. Philippe, M. Schleder, M. Pecoraro, S. Grund-Gröschke, W.J. Li, A. Tracz, I. Heidegger, S. Lagger, K. Trachtová, M. Oberhuber, E. Heitzer, O. Aksoy, H.A. Neubauer, B. Winkelhofer, A. Orlova, N. Witzeneder, T. Dillinger, E. Redl, G. Greiner, D. D'Andrea, J.R. Östman, S. Tangermann, I. Hermanova, G. Schäfer, A. Varady, J. Horvath, D. Stoiber, T.I. Malcolm, S.D. Turner, E. Parkes, B. Hantusch, G. Egger, S. Rose-John, V. Poli, S. Jain, C.W.D. Armstrong, G. Hoermann, V. Goffin, F. Aberger, R. Moriggl, A. Carracedo, C. McKinney, R.D. Kennedy, H. Klocker, M.R. Speicher, D.G. Tang, M. Mann, A.A. Moazzami, D.M. Heery, M. Hacker, L. Kenner, *STAT3* restricts prostate cancer metastasis and antiandrogen resistance by controlling *LKB1/CREB* signaling pathway, *BioRxiv.* (2022). <https://doi.org/10.1101/2022.08.25.504915>.
- [95] N. Prutsch, S. He, A. Berezovskaya, A.D. Durbin, N.V. Dharia, K. Stegmaier, J.D. Matthews, L. Hare, S.D. Turner, L. Kenner, O. Merkel, R.A. Young, B.J. Abraham, A.T. Look, M.W. Zimmerman, *STAT3* cooperates with the core transcriptional regulatory circuitry to drive *MYC* expression and oncogenesis in anaplastic large cell lymphoma, *BioRxiv.* (2022). <https://doi.org/10.1101/2022.08.31.506044>.
- [96] P. Pucci, L. Lee, M. Han, J. Matthews, L. Jahangiri, E. Manners, A. Sorby-Adams, M. Schleder, J. Kaggie, R. Trigg, N. Prokoph, S. Ducray, O. Merkel, F. Rifatbegovic, J. Luo, S. Taschner-Mandl, L. Kenner, G. Burke, S.

- Turner, Targeting NRAS via miR-1304-5p or farnesyltransferase inhibition confers collateral sensitivity to ALK inhibitors in high-risk neuroblastoma, ResearchSquare. (2022). <https://doi.org/10.21203/rs.3.rs-2167328>.
- [97] T. Dillinger, R. Sheibani-Tezerji, W. Pulverer, I. Stelzer, M.R. Hassler, J. Scheibelreiter, C.U. Pérez Malla, M. Kuroll, S. Domazet, E. Redl, S. Ely, S. Brezina, A. Tiefenbacher, K. Rebhan, N. Hübner, B. Grubmüller, M. Mitterhauser, M. Hacker, A. Weinhaeusel, J. Simon, M. Zeitlinger, A. Gsur, G. Kramer, S.F. Shariat, L. Kenner, G. Egger, Identification of tumor tissue-derived DNA methylation biomarkers for the detection and therapy response evaluation of metastatic castration resistant prostate cancer in liquid biopsies, *Mol Cancer*. 21 (2022). <https://doi.org/10.1186/s12943-021-01445-0>.
- [98] T. Limberger, M. Schleder, K. Trachtová, I. Garces de los Fayos Alonso, J. Yang, S. Högler, C. Sternberg, V. Bystry, J. Oppelt, B. Tichý, M. Schmeidl, P. Kodajova, A. Jäger, H.A. Neubauer, M. Oberhuber, B.S. Schmalzbauer, S. Pospisilova, H. Dolznig, W. Wadsak, Z. Culig, S.D. Turner, G. Egger, S. Lagger, L. Kenner, KMT2C methyltransferase domain regulated INK4A expression suppresses prostate cancer metastasis, *Mol Cancer*. 21 (2022). <https://doi.org/10.1186/s12943-022-01542-8>.
- [99] I. Garces de los Fayos Alonso, L. Zujo, I. Wiest, P. Kodajova, G. Timelthaler, S. Edtmayer, M. Zrimšek, S. Kollmann, C. Giordano, M. Kothmayer, H.A. Neubauer, S. Dey, M. Schleder, B.S. Schmalzbauer, T. Limberger, C. Probst, O. Pusch, S. Högler, S. Tangermann, O. Merkel, A.I. Schiefer, C. Kornauth, N. Prutsch, M. Zimmerman, B. Abraham, J. Anagnostopoulos, L. Quintanilla-Martinez, S. Mathas, P. Wolf, D. Stoiber, P.B. Staber, G. Egger, W. Klapper, W. Woessmann, T.A. Look, P. Gunning, S.D. Turner, R. Moriggl, S. Lagger, L. Kenner, PDGFR $\beta$  promotes oncogenic progression via STAT3/STAT5 hyperactivation in anaplastic large cell lymphoma, *Mol Cancer*. 21 (2022). <https://doi.org/10.1186/s12943-022-01640-7>.
- [100] H. Sorger, S. Dey, P.A. Vieyra-Garcia, D. Pölöske, A.R. Teufelberger, E.D. de Araujo, A. Sedighi, R. Graf, B. Spiegl, I. Lazzeri, T. Braun, I. Garces de los Fayos Alonso, M. Schleder, G. Timelthaler, P. Kodajova, C. Pirker, M. Surbek, M. Machtinger, T. Graier, I. Perchthaler, Y. Pan, R. Fink-Puches, L. Cerroni, J. Ober, M. Otte, J.D. Albrecht, G. Tin, A. Abdeldayem, P. Manaswiyoungkul, O.O. Olaoye, M.L. Metzelder, A. Orlova, W. Berger, M. Wobser, J.P. Nicolay, F. André, V.A. Nguyen, H.A. Neubauer, R. Fleck, O. Merkel, M. Herling, E. Heitzer, P.T. Gunning, L. Kenner, R. Moriggl, P. Wolf, Blocking STAT3/5 through direct or upstream kinase targeting in leukemic cutaneous T-cell lymphoma, *EMBO Mol Med*. 14 (2022). <https://doi.org/10.15252/emmm.202115200>.
- [101] O. Aksoy, B. Hantusch, L. Kenner, Emerging role of T3-binding protein  $\mu$ -crystallin (CRYM) in health and disease, *Trends in Endocrinology and Metabolism*. 33 (2022). <https://doi.org/10.1016/j.tem.2022.09.003>.
- [102] T. Maier, S. Stoiber, E. Gurnhofer, M. Haas, L. Kenner, G. Heiduschka, L. Kadletz-Wanke, F.F. Brkic, Inhibition of beta-catenin shows therapeutic potential in head and neck squamous cell carcinoma in vitro, *European Archives of Oto-Rhino-Laryngology*. 280 (2023). <https://doi.org/10.1007/s00405-022-07598-y>.
- [103] C.P. Spielvogel, S. Stoiber, L. Papp, D. Krajnc, M. Grahovac, E. Gurnhofer, K. Trachtova, V. Bystry, A. Leisser, B. Jank, J. Schnoell, L. Kadletz, G. Heiduschka, T. Beyer, M. Hacker, L. Kenner, A.R. Haug, Radiogenomic markers enable risk stratification and inference of mutational pathway states in head and neck cancer, *Eur J Nucl Med Mol Imaging*. 50 (2023). <https://doi.org/10.1007/s00259-022-05973-9>.
- [104] D. Zhang, W. Tang, H. Niu, W. Tse, H.-B. Ruan, H. Dolznig, T. Knösel, F. Karl-Heinz, M. Themanns, J. Wang, M. Song, L. Denson, L. Kenner, R. Moriggl, Y. Zheng, X. Han, Monogenic deficiency in murine intestinal Cdc42 leads to mucosal inflammation that induces crypt dysplasia, *Genes Dis*. (2023). <https://doi.org/10.1016/j.gendis.2022.11.024>.
- [105] E.S. Gruber, V. Stadlbauer, V. Pichler, K. Resch-Fauster, A. Todorovic, T.C. Meisel, S. Trawoeger, O. Hollóczki, S.D. Turner, W. Wadsak, A.D. Vethaak, L. Kenner, To Waste or Not to Waste: Questioning Potential Health Risks of Micro- and Nanoplastics with a Focus on Their Ingestion and Potential Carcinogenicity, *Expo Health*. 15 (2023). <https://doi.org/10.1007/s12403-022-00470-8>.

#### TOP TEN PUBLICATIONS (2018-2023)

- [1] T. Limberger, M. Schleder, K. Trachtová, I. Garces de los Fayos Alonso, J. Yang, S. Högler, C. Sternberg, V. Bystry, J. Oppelt, B. Tichý, M. Schmeidl, P. Kodajova, A. Jäger, H.A. Neubauer, M. Oberhuber, B.S. Schmalzbauer, S. Pospisilova, H. Dolznig, W. Wadsak, Z. Culig, S.D. Turner, G. Egger, S. Lagger, **L. Kenner**, KMT2C methyltransferase domain regulated INK4A expression suppresses prostate cancer metastasis, *Mol Cancer*. 21 (2022). <https://doi.org/10.1186/s12943-022-01542-8>.
- [2] T. Dillinger, R. Sheibani-Tezerji, W. Pulverer, I. Stelzer, M.R. Hassler, J. Scheibelreiter, C.U. Pérez Malla, M. Kuroll, S. Domazet, E. Redl, S. Ely, S. Brezina, A. Tiefenbacher, K. Rebhan, N. Hübner, B. Grubmüller, M. Mitterhauser, M. Hacker, A. Weinhaeusel, J. Simon, M.

- Zeitlinger, A. Gsur, G. Kramer, S.F. Shariat, **L. Kenner**, G. Egger, Identification of tumor tissue-derived DNA methylation biomarkers for the detection and therapy response evaluation of metastatic castration resistant prostate cancer in liquid biopsies, *Mol Cancer*. 21 (2022). <https://doi.org/10.1186/s12943-021-01445-0>.
- [3] C. Kornauth, T. Pemovska, G.I. Vladimer, G. Bayer, M. Bergmann, S. Eder, R. Eichner, M. Erl, H. Esterbauer, R. Exner, V. Felsleitner-Hauer, M. Forte, A. Gaiger, K. Geissler, H.T. Greinix, W. Gstöttner, M. Hacker, B.L. Hartmann, A.W. Hauswirth, T. Heinemann, D. Heintel, M.A. Hoda, G. Hopfinger, U. Jaeger, L. Kazianka, **L. Kenner**, B. Kiesewetter, N. Krall, G. Krajnik, S. Kubicek, T. Le, S. Lubowitzki, M.E. Mayerhoefer, E. Menschel, O. Merkel, K. Miura, L. Müllauer, P. Neumeister, T. Noesslinger, K. Ocko, L. Öhler, M. Panny, A. Pichler, E. Porpaczy, G.W. Prager, M. Raderer, R. Ristl, R. Ruckser, J. Salamon, A.-I. Schiefer, A.-S. Schmolke, I. Schwarzinger, E. Selzer, C. Sillaber, C. Skrabs, W.R. Sperr, I. Srndic, R. Thalhammer, P. Valent, E. van der Kouwe, K. Vanura, S. Vogt, C. Waldstein, D. Wolf, C.C. Zielinski, N. Zojer, I. Simonitsch-Klupp, G. Superti-Furga, B. Snijder, P.B. Staber, Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematologic Cancers and Identifies Exceptional Responders, *Cancer Discov*. 12 (2022). <https://doi.org/10.1158/2159-8290.CD-21-0538>.
- [4] K. Das, E. Belnoue, M. Rossi, T. Hofer, S. Danklmaier, T. Nolden, L.-M. Schreiber, K. Angerer, J. Kimpel, S. Hoegler, B. Spiesschaert, **L. Kenner**, D. von Laer, K. Elbers, M. Derouazi, G. Wollmann, A modular self-adjuvanting cancer vaccine combined with an oncolytic vaccine induces potent antitumor immunity, *Nat Commun*. 12 (2021). <https://doi.org/10.1038/s41467-021-25506-6>.
- [5] H.-C. Liang, M. Costanza, N. Prutsch, M.W. Zimmerman, E. Gurnhofer, I.A. Montes-Mojarro, B.J. Abraham, N. Prokoph, S. Stoiber, S. Tangermann, C. Lobello, J. Oppelt, I. Anagnostopoulos, T. Hielscher, S. Pervez, W. Klapper, F. Zammarchi, D.-A. Silva, K.C. Garcia, D. Baker, M. Janz, N. Schleussner, F. Fend, Š. Pospíšilová, A. Janiková, J. Wallwitz, D. Stoiber, I. Simonitsch-Klupp, L. Cerroni, S. Pileri, L. de Leval, D. Sibon, V. Fataccioli, P. Gaulard, C. Assaf, F. Knörr, C. Damm-Welk, W. Woessmann, S.D. Turner, A.T. Look, S. Mathas, **L. Kenner\***, O. Merkel\*, Super-enhancer-based identification of a BATF3/IL-2R-module reveals vulnerabilities in anaplastic large cell lymphoma, *Nat Commun*. 12 (2021). <https://doi.org/10.1038/s41467-021-25379-9>.
- [6] M.A. Beck, H. Fischer, L.M. Grabner, T. Groffics, M. Winter, S. Tangermann, T. Meischel, B. Zaussinger-Haas, P. Wagner, C. Fischer, C. Folie, J. Arand, C. Schöfer, B. Ramsahoye, S. Lagger, G. Machat, G. Eisenwort, S. Schneider, A. Podhornik, M. Kothmayer, U. Reichart, M. Glösmann, I. Tamir, M. Mildner, R. Sheibani-Tezerji, **L. Kenner**, P. Petzelbauer, G. Egger, M. Sibilia, A. Ablasser, C. Seiser, DNA hypomethylation leads to cGAS-induced autoinflammation in the epidermis, *EMBO Journal*. 40 (2021). <https://doi.org/10.15252/embj.2021108234>.
- [7] S. Igelmann, F. Lessard, O. Uchenunu, J. Bouchard, A. Fernandez-Ruiz, M.-C. Rowell, S. Lopes-Paciencia, D. Papadopoli, A. Fouillen, K.J. Ponce, G. Huot, L. Mignacca, M. Benfdil, P. Kalegari, H.M. Wahba, J. Pencik, N. Vuong, J. Quenneville, J. Guillon, V. Bourdeau, L. Hulea, E. Gagnon, **L. Kenner**, R. Moriggl, A. Nanci, M.N. Pollak, J.G. Omichinski, I. Topisirovic, G. Ferbeyre, A hydride transfer complex reprograms NAD metabolism and bypasses senescence, *Mol Cell*. 81 (2021). <https://doi.org/10.1016/j.molcel.2021.08.028>.
- [8] M. Paolino, R. Koglruber, S.J.F. Cronin, I. Uribealago, E. Rauscher, J. Harreiter, M. Schuster, D. Bancher-Todesca, B. Pranjic, M. Novatchkova, J.P. Fededa, A.J. White, V. Sigl, S. Dekan, T. Penz, C. Bock, **L. Kenner**, G.A. Holländer, G. Anderson, A. Kautzky-Willer, J.M. Penninger, RANK links thymic regulatory T cells to fetal loss and gestational diabetes in pregnancy, *Nature*. 589 (2021). <https://doi.org/10.1038/s41586-020-03071-0>.

- [9] M. Oberhuber, M. Pecoraro, M. Ruzs, G. Oberhuber, M. Wieselberg, P. Haslinger, E. Gurnhofer, M. Schlederer, T. Limberger, S. Lagger, J. Pencik, P. Kodajova, S. Högler, G. Stockmaier, S. Grund-Gröschke, F. Aberger, M. Bolis, J.-P. Theurillat, R. Wiebringhaus, T. Weiss, A. Haitel, M. Brehme, W. Wadsak, J. Griss, T. Mohr, A. Hofer, A. Jäger, J. Pollheimer, G. Egger, G. Koellensperger, M. Mann, B. Hantusch, **L. Kenner**, STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer, **Mol Syst Biol.** 16 (2020). <https://doi.org/10.15252/msb.20199247>.
- [10] R.M. Trigg, L.C. Lee, N. Prokoph, L. Jahangiri, C.P. Reynolds, G.A. Amos Burke, N.A. Probst, M. Han, J.D. Matthews, H. Kai Lim, E. Manners, S. Martinez, J. Pastor, C. Blanco-Aparicio, O. Merkel, I.G. de los Fayos Alonso, P. Kodajova, S. Tangermann, S. Högler, J. Luo, **L. Kenner\***, S.D. Turner\*, The targetable kinase PIM1 drives ALK inhibitor resistance in high-risk neuroblastoma independent of MYCN status, **Nat Commun.** 10 (2019).

\*

±