

Curriculum Vitae

Daniel Kazdal Dr. rer. nat.
d.o.b. March 17th, 1983, in Wiesbaden, Germany

University Education

2009-2015 Doctorate Biology, Johannes-Gutenberg University Mainz
2003–2009 Studies of Biology, Johannes-Gutenberg University Mainz

Scientific Career

Since 2022 Head Technology and Assay development, Center for Molecular Pathology, Institute for Pathology, University Hospital Heidelberg
2021–2022 Deputy Head Technology and Assay development, Center for Molecular Pathology, Institute for Pathology, University Hospital Heidelberg
2015–2021 Postdoctoral Fellow, Institute for Pathology, University Hospital Heidelberg
2009–2015 Research Associate, Institute for Legal Medicine, Johannes-Gutenberg University Mainz

Awards and Honors

Citation Record

Total citations: 1,093; h-index:20; h-index since 2017: 20 (Google Scholar September 26th, 2022)

Top-10 selected Publications

Dietz S, Harms A, Endris V, Eichhorn F, Kriegsmann M, Longuespee R, Stenzinger A, Sultmann H, Warth A, **Kazdal D**. Spatial distribution of EGFR and KRAS mutation frequencies correlates with histological growth patterns of lung adenocarcinomas. **Int J Cancer**. 2017;141(9):1841-1848.

Kazdal D, Harms A, Endris V, Penzel R, Kriegsmann M, Eichhorn F, Muley T, Stenzinger A, Pfarr N, Weichert W, Warth A. Prevalence of somatic mitochondrial mutations and spatial distribution of mitochondria in non-small cell lung cancer. **Br J Cancer**. 2017;117(2):220-226.

Kazdal D, Harms A, Endris V, Penzel R, Oliveira C, Kriegsmann M, Longuespee R, Winter H, Schneider MA, Muley T, Pfarr N, Weichert W, Stenzinger A, Warth A. Subclonal evolution of pulmonary adenocarcinomas delineated by spatially distributed somatic mitochondrial mutations. **Lung Cancer**. 2018;126:80-88.

Budczies J, Allgauer M, Litchfield K, Rempel E, Christopoulos P, **Kazdal D**, Endris V, Thomas M, Frohling S, Peters S, Swanton C, Schirmacher P, Stenzinger A. Optimizing panel-based tumor mutational burden (TMB) measurement. **Ann Oncol**. 2019;30(9):1496-1506.

Kazdal D, Endris V, Allgauer M, Kriegsmann M, Leichsenring J, Volckmar AL, Harms A, Kirchner M, Kriegsmann K, Neumann O, Brandt R, Talla SB, Rempel E, Ploeger C, von Winterfeld M, Christopoulos P, Merino DM, Stewart M, Allen J, Bischoff H, Meister M, Muley T, Herth F, Penzel R, Warth A, Winter H, Frohling S, Peters S, Swanton C, Thomas M, Schirmacher P, Budczies J, Stenzinger A. Spatial and Temporal Heterogeneity of Panel-Based Tumor Mutational Burden in Pulmonary Adenocarcinoma: Separating Biology From Technical Artifacts. **J Thorac Oncol**. 2019;14(11):1935-1947.

Stenzinger A, Endris V, Budczies J, Merkelbach-Bruse S, **Kazdal D**, Dietmaier W, Pfarr N, Siebolts U, Hummel M, Herold S, Andreas J, Zoche M, Togel L, Rempel E, Maas J, Merino D, Stewart M, Zaoui K, Schlesner M, Glimm H, Frohling S, Allen J, Horst D, Baretton G, Wickenhauser C, Tiemann M, Evert M, Moch H, Kirchner T, Buttner R, Schirmacher P, Jung A, Haller F, Weichert W, Dietel M. Harmonization and Standardization of Panel-Based Tumor Mutational Burden Measurement: Real-World Results and Recommendations of the Quality in Pathology Study. **J Thorac Oncol**. 2020;15(7):1177-1189.

Muller T, Kalxdorf M, Longuespee R, **Kazdal DN**, Stenzinger A, Krijgsveld J. Automated sample preparation with SP3 for low-input clinical proteomics. **Mol Syst Biol**. 2020;16(1):e9111.

Kazdal D, Rempel E, Oliveira C, Allgauer M, Harms A, Singer K, Kohlwes E, Ormanns S, Fink L, Kriegsmann J, Leichsenring M, Kriegsmann K, Stögbauer F, Tavernar L, Leichsenring J, Volckmar A-L, Longuespée R, Winter H, Eichhorn M, Heußel CP, Herth F, Christopoulos P, Reck M, Muley T, Weichert W, Budczies J, Thomas M, Peters S, Warth A, Schirmacher P, Stenzinger A, Kriegsmann M. Conventional and semi-automatic histopathological analysis of tumor cell content for multigene sequencing of lung adenocarcinoma. **Translational Lung Cancer Research**. 2021;10(4):1666-1678.

Stenzinger A, Alber M, Allgauer M, Jurmeister P, Bockmayr M, Budczies J, Lennerz J, Eschrich J, **Kazdal D**, Schirmacher P, Wagner AH, Tacke F, Capper D, Muller KR, Klauschen F. Artificial intelligence and pathology: From principles to practice and future applications in histomorphology and molecular profiling. **Semin Cancer Biol**. 2021.

Neumann O, Burn TC, Allgauer M, Ball M, Kirchner M, Albrecht T, Volckmar AL, Beck S, Endris V, Goldschmid H, Lehmann U, Seker-Cin H, Uhrig S, Roessler S, Budczies J, Frohling S, Longerich T, Wagner AH, Vogel A, Schirmacher P, Stenzinger A, **Kazdal D**. Genomic architecture of FGFR2 fusions in cholangiocarcinoma and its implication for molecular testing. **Br J Cancer**. 2022.