

Curriculum Vitae

Kati Turkowski Dr. rer. nat.
d.o.b. November 06th, 1980, in Brandenburg an der Havel, Germany

University Education

2014 Doctorate in Biology, Freie Universität Berlin
2007 - 2008 Diploma in Biology, Universität Osnabrück

Scientific Career

Since 2023 Senior Scientist / Lab manager, Institute for Lung Health (ILH), JLU Giessen
2021 - 2025 Co-PI LOEWE research cluster iCANx, JLU Giessen
2015 - 2023 Postdoctoral Fellow, Max Planck Institute for Heart and Lung Research
2009 - 2014 PHD student, Department of Experimental Neurosurgery, Charité-Universitätsmedizin Berlin

Citation Record

Total citations: 1374; h-index:14; i10-index: 17 (Google Scholar, January 28th 2026)

Top-10 selected Publications

Neogi U, Ambikan AT, **Turkowski K**, Schneider MA, Beutgen VM, Graumann J, Winter H, Bartkuhn M, Seeger W, Pullamsetti SS, Savai R. Plasma proteomic profiling and molecular clustering reveal immune-defined prognostic subtypes in lung adenocarcinoma. *Int J Cancer*. 2026 Feb 15;158(4):858-865. doi: [10.1002/ijc.70231](https://doi.org/10.1002/ijc.70231).

Turkowski K, Herzberg F, Günther S, Weigert A, Haselbauer T, Fink L, Brunn D, Grimminger F, Seeger W, Sülthmann H, Stiewe T, Pullamsetti SS, Savai R. miR-147b mediated suppression of DUSP8 promotes lung cancer progression. *Oncogene*. 2024 Apr;43(16):1178-1189. doi: [10.1038/s41388-024-02969-7](https://doi.org/10.1038/s41388-024-02969-7).

Zheng X, Sarode P, Weigert A, **Turkowski K**, Chelladurai P, Günther S, Kuenne C, Winter H, Stenzinger A, Reu S, Grimminger F, Stiewe T, Seeger W, Pullamsetti SS, Savai R. The HDAC2-SP1 Axis Orchestrates Protumor Macrophage Polarization. *Cancer Res*. 2023 Jul 14;83(14):2345-2357. doi: [10.1158/0008-5472.CAN-22-1270](https://doi.org/10.1158/0008-5472.CAN-22-1270).

Weigert A, Zheng X, Nenzel A, **Turkowski K**, Günther S, Strack E, Sirait-Fischer E, Elwakeel E, Kur IM, Nikam VS, Valasarajan C, Winter H, Wissgott A, Voswinkel R, Grimminger F, Brüne B, Seeger W, Pullamsetti SS, Savai R. Fibrocytes boost tumor-supportive phenotypic switches in the lung cancer niche via the endothelin system. *Nat Commun*. 2022 Oct 14;13(1):6078. doi: [10.1038/s41467-022-33458-8](https://doi.org/10.1038/s41467-022-33458-8).

Brunn D, **Turkowski K**, Günther S, Weigert A, Muley T, Kriegsmann M, Winter H, Dammann RH, Stathopoulos GT, Thomas M, Guenther A, Grimminger F, Pullamsetti SS, Seeger W, Savai R. Interferon Regulatory Factor 9 Promotes Lung Cancer Progression via Regulation of Versican. *Cancers (Basel)*. 2021 Jan 8;13(2):208. doi: [10.3390/cancers13020208](https://doi.org/10.3390/cancers13020208).

Turkowski K, Herzberg F, Günther S, Brunn D, Weigert A, Meister M, Muley T, Kriegsmann M, Schneider MA, Winter H, Thomas M, Grimminger F, Seeger W, Savai Pullamsetti S, Savai R. Fibroblast Growth Factor-14 Acts as Tumor Suppressor in Lung Adenocarcinomas. *Cells*. 2020 Jul 22;9(8):1755. doi: [10.3390/cells9081755](https://doi.org/10.3390/cells9081755).

Marwitz S, **Turkowski K**, Nitschkowski D, Weigert A, Brandenburg J, Reiling N, Thomas M, Reck M, Drömann D, Seeger W, Rabe KF, Savai R, Goldmann T. The Multi-Modal Effect of the Anti-fibrotic Drug Pirfenidone on NSCLC. *Front Oncol*. 2020 Jan 21;9:1550. doi: [10.3389/fonc.2019.01550](https://doi.org/10.3389/fonc.2019.01550).

Turkowski K, Brandenburg S, Mueller A, Kremenetskaia I, Bungert AD, Blank A, Felsenstein M, Vajkoczy P. VEGF as a modulator of the innate immune response in glioblastoma. *Glia*. 2018 Jan;66(1):161-174. doi: [10.1002/glia.23234](https://doi.org/10.1002/glia.23234).

Brandenburg S, Müller A, **Turkowski K**, Radev YT, Rot S, Schmidt C, Bungert AD, Acker G, Schorr A, Hippe A, Miller K, Heppner FL, Homey B, Vajkoczy P. Resident microglia rather than peripheral macrophages promote vascularization in brain tumors and are source of alternative pro-angiogenic factors. *Acta Neuropathol*. 2016 Mar;131(3):365-78. doi: [10.1007/s00401-015-1529-6](https://doi.org/10.1007/s00401-015-1529-6).

Schneider UC, Davids AM, Brandenburg S, Müller A, Elke A, Magrini S, Atangana E, **Turkowski K**, Finger T, Gutenberg A, Gehlhaar C, Brück W, Heppner FL, Vajkoczy P. Microglia inflict delayed brain injury after subarachnoid hemorrhage. *Acta Neuropathol*. 2015 Aug;130(2):215-31. doi: [10.1007/s00401-015-1440-1](https://doi.org/10.1007/s00401-015-1440-1).