


SCHECK, JONAS, CAND. MED.

GENERAL INFORMATION

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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
Since 2025	MD/PhD student, University of Heidelberg, Faculty of medicine and life sciences
Since 2020	Medical School, University of Heidelberg, Faculty of medicine Clinical traineeships in Zurich, Berlin and Boston

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
Since 2023	Medical doctoral thesis " <i>Comparative analysis of blood-brain barrier disruption and drug distribution in the tumor microenvironment of experimental glioma</i> " University Hospital Heidelberg, Neuroradiology Department, Advisor: M. Breckwoldt

PROFESSIONAL EXPERIENCE

Year(s)	Education
2025	Research fellow " <i>In vivo nanoparticle enhanced CAR-T cell imaging to predict therapy response in glioma</i> " Massachusetts General Hospital, Harvard Medical School, Advisor: B. Choi

OTHER QUALIFICATIONS

Year(s)	Qualifications
2025	Short Term Fellowship German Cancer Aid
2024-2025	Doctoral Scholarship German Neurological Society
Since 2022	Scholar of Cusanuswerk
07/2019	Society for German Chemists Prize

PUBLICATIONS

1. Streibel Y, Breckwoldt MO, Hunger J, Pan C, Fischer M, Turco V, Boztepe B, FelsPalesandro H, Scheck JG, Sturm V, Karimian-Jazi K, Agardy DA, Annio G, Mustapha R, Soni SS, Alasa A, Weidenfeld I, Rodell CB, Wick W, Heiland S, Winkler F, Platten M, Bendszus M, Sinkus R, Schregel K. Tumor biomechanics as a novel imaging biomarker to assess response to immunotherapy in a murine glioma model. **Sci Rep.** 2024 Jul 6 doi: 10.1038/s41598-024-66519-7
2. Fels-Palesandro H, Heuer S, Boztepe B, Streibel Y, Ungermann J, Pan C, Scheck JG, Fischer M, Sturm VJ, Azorín DD, Karimian-Jazi K, Annio G, Abdollahi A, Weidenfeld I, Wick W, Venkataramani V, Heiland S, Winkler F, Bendszus M, Sinkus R, Breckwoldt MO, Schregel K. Assessment of Tumor Cell Invasion and Radiotherapy Response in Experimental Glioma by Magnetic Resonance Elastography. **J Magn Reson Imaging.** 2024 Aug 23. doi: 10.1002/jmri.29567. Epub ahead of print. PMID: 39177509.
3. Tetzlaff SK, Reyhan E, Layer N, Bengtson CP, Heuer A, Schroers J, Faymonville AJ, Langeroudi AP, Drewa N, Keifert E, Wagner J, Soyka SJ, Schubert MC, Sivapalan N, Pramatarov RL, Buchert V, Wageringel T, Grabis E, Wißmann N, Alhalabi OT, Botz M, Bojcevski J, Campos J, Boztepe B, Scheck JG, Conic SH, Puschhof MC, Villa G, Drexler R, Zghaibeh Y, Hausmann F, Hänzelmann S, Karreman MA, Kurz FT, Schröter M, Thier M, Suwala AK, Forsberg-

Nilsson K, Acuna C, Saez-Rodriguez J, Abdollahi A, Sahm F, Breckwoldt MO, Suchorska B, Ricklefs FL, Heiland DH, Venkataramani V. Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. **Cell**. 2025 Jan 23;188(2):390-411.e36. doi: 10.1016/j.cell.2024.11.002. Epub 2024 Dec 6. PMID: 39644898