

# Reyhan, Ekin

## GENERAL INFORMATION



**Medical Student**

University Hospital Heidelberg, Department of Neurology

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A07N

## ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
Since 2018	Medical Studies at Heidelberg University
2018	Higher education entrance qualification in Istanbul Lisesi, Istanbul

## SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
Since 2021	MD Thesis at the Experimental Neurooncology at the German Cancer Research Center (DKFZ) in Heidelberg  "Characterization of clinically relevant niches of therapy resistance in glioblastoma"  Supervisor: Dr. Dr. Varun Venkataramani

## PROFESSIONAL EXPERIENCE

Year(s)	Education
Since 2022	Research assistant in the Cancer Neuroscience Community, Department of Neurology, University Hospital Heidelberg
2019-2020	Research assistant in the macroscopical dissection course, Institute of Anatomy and Cell Biology, Medical Faculty Heidelberg

## OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	Qualifications/Roles/Responsibilities
2021-2022	Mildred-Scheel Doktorandenstipendium der Deutschen Krebshilfe (funding for medical doctoral thesis)

## SELECTED PUBLICATIONS

1. Tetzlaff SK\*, **Reyhan E**\*, Bengtson CP, Schroers J, Wagner J, Schubert MC, Layer N, Puschhof MC, Faymonville AJ, Drewa N, Pramatarov RL, Wissmann N, Alhalabi O, Heuer A, Sivapalan N, Campos J, Boztepe B, Scheck JG, Villa G, Schröter M, Sahm F, Forsberg-Nilsson K, Breckwoldt MO, Acuna C, Suchorska B, Heiland DH, Saez-Rodriguez J, Venkataramani V. Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. *Cell* (accepted in principle).
2. Schubert MC\*, Soyka SJ\*, Tamimi A\*, Maus E, Schroers J, Wißmann N, **Reyhan E**, Tetzlaff SK, Yang Y, Denninger R, Peretzke R, Beretta C, Drumm M, Heuer A, Buchert V, Steffens A, Walshon J, McCortney K, Heiland S, Bendszus M, Neher P, Golebiewska A, Wick W, Winkler F, Breckwoldt MO, Kreshuk A, Kuner T, Horbinski C, Kurz FT, Prevedel R, Venkataramani V. Deep intravital brain tumor imaging enabled by tailored three-photon microscopy and analysis. *Nat Commun.* 2024;15:7383. <https://doi.org/10.1038/s41467-024-51432-4>
3. Jeong D\*, Danielli SG\*, Maaß KK, Ghasemi DR, Tetzlaff SK, **Reyhan E**, Oliveira de Biagi-Junior CA, Neyazi S, Nascimento A, Haase R, Lo Cascio C, Englinger B, Jiang L, Nguyen CM, Baumgartner A-C, Castellani S, Rozowsky JS, Hack OA, Shaw ML, Lotsch-Gojo D, Bruckner K, Pfister SM, Kool M, Nowakowski TJ, Gojo J, Baird L, Alexandrescu S, Pajtler KW\*, Venkataramani V\*, Filbin MG\*. *bioRxiv.* 2024. <https://doi.org/10.1101/2024.08.07.607066>.
4. Hausmann D, Hoffmann DC, Venkataramani V, Jung E, Horschitz S, Tetzlaff SK, Jabali A, Hai L, Kessler T, Azofin DD, Weil S, Kourtesakis A, Sievers P, Habel A, Breckwoldt MO, Karreman MA, Ratliff M, Messmer JM, Yang Y, **Reyhan E**, Wendler S, Löb C, Mayer C, Figarella K, Osswald M, Solecki G, Sahm F, Garaschuk O, Kuner T, Koch P, Schlesner M, Wick W, Winkler F. Autonomous rhythmic activity in glioma networks drives brain tumour growth. *Nature.* 2023 Jan;613(7942):179-186
5. Venkataramani V, Yang Y\*, Schubert MC\*, **Reyhan E**, Tetzlaff SK, Wißmann N, Botz M, Soyka SJ, Beretta CA, Pramatarov RL, Fankhauser L, Garofano L, Freudenberg A, Wagner J, Tanev DI, Ratliff M, Xie R, Kessler T, Hoffmann DC, Hai L, Dörflinger Y, Hoppe S, Yabo YA, Golebiewska A, Niclou SP, Sahm F, Lasorella A, Slowik M, Döring L, Iavarone A, Wick W, Kuner T, Winkler F. Glioblastoma hijacks neuronal mechanisms for brain invasion. *Cell.* 2022 Aug 4;185(16):2899-2917.e31

\*Equal contribution