


# LOTSCH, CATHARINA, M.SC.

## GENERAL INFORMATION

	<b>PhD Candidate</b> University Hospital Heidelberg Department of Neurosurgery Division of Neurosurgical Research Im Neuenheimer Feld 400, 69120 Heidelberg, Germany Email: catharina.lotsch@med.uni-heidelberg.de Tel: +49 6221 56 4797	B04
	●DOB: 10.11.1994   ●Sex: Female   ●Nationality: German	

## ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
10/2019 – today	PhD candidate, DKFZ Graduate School, Faculty of Biosciences, University of Heidelberg
10/2015 – 02/2019	Master of Science in Biochemistry, University of Heidelberg
10/2012 – 07/2015	Bachelor of Science in Biochemistry, University of Heidelberg

## SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
10/2019 – today	PhD thesis (Dr. rer. nat.), Faculty of Biosciences, University of Heidelberg, Germany “Characterizing the Role of Tumor-associated Macrophages in the Immune-Microenvironment of Meningiomas” Supervisor: Prof. Dr. Christel Herold-Mende
04/2018 – 02/2019	Master thesis at the German Cancer Research Center (DKFZ), Heidelberg, Germany “Detection and functional characterization of HPV16 E6- and E7-derived HLA-A3-restricted peptides” Supervisor: PD Dr. Dr. Angelika B. Riemer

## PROFESSIONAL EXPERIENCE

Year(s)	Experience
10/2019 – today	PhD candidate, Division of Neurosurgical Research, Department of Neurosurgery, University of Heidelberg
03/2019 – 06/2019	Research assistant, German Cancer Research Center (DKFZ), Heidelberg, Germany
09/2017 – 02/2018	Research intern in Development at Roche Diagnostics, Mannheim, Germany

## SELECTED PUBLICATIONS

1. Fermi V, Warta R, Wöllner A, **Lotsch C**, Jassowicz L, Rapp C, Knoll M, Jungwirth G, Jungk C, Dao Trong P, von Deimling A, Abdollahi A, Unterberg A, Herold-Mende C. Effective Reprogramming of Patient-Derived M2-Polarized Glioblastoma-Associated Microglia/Macrophages by Treatment with GW2580. Clin Cancer Res. 2023 Nov 14;29(22):4685-4697. doi: 10.1158/1078-0432.CCR-23-0576.
2. Rehbein S, Possmayer AL, Bozkurt S, **Lotsch C**, Gerstmeier J, Burger M, Momma S, Maletzki C, Classen CF, Freiman TM, Dubinski D, Lamszus K, Stringer BW, Herold-Mende C, Münch C, Kögel D, Linder B. Molecular Determinants of Calcitriol Signaling and Sensitivity in Glioma Stem-like Cells. Cancers (Basel). 2023 Oct 31;15(21):5249. doi: 10.3390/cancers15215249.