

SANGHVI, KHWAB, M.SC.

GENERAL INFORMATION



PhD Candidate

Clinical Cooperation Unit Neuroimmunology and Brain tumor immunology,
German Cancer Research Center (DKFZ), Heidelberg, Germany;
Heidelberg University, Mannheim Medical Faculty
Department of Neurology,
Theodor-Kutzer-Ufer 1-3, 68167 Mannheim, Germany

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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2013-2016	Master of Science in Molecular Biosciences (Major Cancer Biology), University of Heidelberg, Germany
2008-2012	Bachelor of Engineering (B.E.) in Biotechnology, Manipal institute of Technology, Manipal, India

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2017-present	Doctoral Research: Brain tumor immunotherapy Supervisor: Prof. Dr. Michael Platten German Cancer Research Center and University of Heidelberg, Heidelberg, Germany
2016	Master Thesis: The immunomodulatory effects of the oncometabolite 2-Hydroxyglutarate on T-lymphocytes Supervisor: Prof. Dr. Michael Platten German Cancer Research Center and University of Heidelberg, Heidelberg, Germany
2012	Bachelor Thesis: Analysis of primary breast cancer tumors for stemness and EMT markers using Real Time PCR Supervisor: Prof. Dr. Annapoorni Rangarajan Indian Institute of Science, Bangalore, India

PROFESSIONAL EXPERIENCE

Year(s)	Experience
2015	Internship; Division of translational oncology, German Cancer Research Center (DKFZ), Heidelberg
2014	Internship; CCU Neuroimmunology and Brain tumor immunology, German Cancer Research Center (DKFZ), Heidelberg
2012-2013	Project assistant; Dept. of Molecular Reproduction, Development and Genetics, Indian Institute of Science (IISc), Bangalore, India

OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	
2019	Best poster prize, DKFZ PhD poster competition awarded by the German Cancer research Center (DKFZ)
2019	Elected member of the PhD Council, German Cancer Research Center (DKFZ)
2018-2019	Elected representative of the German Cancer Research Center (DKFZ) in the Helmholtz Juniors (Body of PhD representatives of the Helmholtz Association) 2019: Speaker and Head of group – PhD Working conditions 2018: Vice-speaker of group – PhD Working Conditions
2017	Helmholtz international graduate School (HIGS) PhD fellowship

SELECTED PUBLICATIONS

1. Aslan K, Turco V, Blobner J, Sonner J.K, Liuzzi A.R, Núñez N, De Feo D, Kickingereeder P, Fischer M, Green E, Sadik A, Friedrich M, Sanghvi K, Kilian M, Cichon F, Wolf L, Jähne K, von Landenberg A, Bunse L, Sahm F, Schrimpf D, Meyer J, Alexander A, Brugnara A, Röth R, Pfeleiderer K, Niesler B, Deimling A.V, Opitz C, Breckwoldt M, Heiland S, Bendszus M, Wick W, Becher B, Platten M. Heterogeneity of response to immune checkpoint blockade in hypermutated experimental gliomas. **Nature Comm** (in press)
2. Sonner J.K, Keil M, Falk-Paulsen M, Mishra N, Rehman A, Kramer M, Deumelandt K, Röwe J, Sanghvi K, Wolf L, von Landenberg A, Wolff H, Bharti R, Oezen I, Lanz T.V, Wanke F, Tang Y, Brandao I, Mohapatra S.R, Epping L, Grill A, Röth R, Niesler B, Meuth S.G, Opitz C.A, Okun J.G, Reinhardt C, Kurschus F.C, Wick W, Bode H.B, Rosenstiel P, Platten M. Dietary tryptophan links encephalogenicity of autoreactive T cells with gut microbial ecology. **Nature Comm** 2019;10(1):1-4
3. Bunse L*, Pusch S*, Bunse T*, Sahm F, Sanghvi K, Friedrich M, Alansary D, Sonner JK, Green E, Deumelandt K, Kilian M, Neftel C, Uhlig S, Kessler T, von Landenberg A, Berghoff AS, Marsh K, Steadman M, Zhu D, Nicolay B, Wiestler B, Breckwoldt MO, Al-Ali R, Karcher-Bausch S, Bozza M, Oezen I, Kramer M, Meyer J, Habel A, Poschet G, Weller M, Preusser M, Nadji-Ohl M, Thon N, Burger M, Harter P, Ratliff M, Harbottle R, Benner A, Schrimpf D, Okun J, Herold-Mende CM, Turcan S, Kaulfuss S, Hess-Stumpp H, Bieback K, Cahill DP, Plate KH, Hänggi D, Dorsch M, Suva M, Niemeyer BA, von Deimling A, Wick W, Platten M. Suppression of antitumor T cell immunity by the oncometabolite R-2-hydroxyglutarate. **Nat Med** 2018;24(8):1192-1203 *Authors contributed equally