

PATEL, AREEBA, MRES.

GENERAL INFORMATION

Doctoral Researcher
University Hospital Heidelberg, Department of Neuropathology
Im Neuenheimer Feld 224
69120 Heidelberg, Germany

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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2018-2019	Master of Research in Cancer Biology (Cancer Informatics), Imperial College London, London, UK
2012-2016	Bachelor of Technology (Engineering degree) in Biotechnology, University of Pune, Pune, India

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2019	MRes Thesis- "LIMIT: A sensitive variant calling platform for detecting low-frequency variants in UMI-tagged hybridization-capture sequencing data" at Cambridge Cancer Genomics, Cambridge, UK (Supervisor- Dr Harry Clifford, CTO, Cambridge Cancer Genomics)
2018	MRes Thesis- "Investigating the influence and mechanisms of differential methylation of LINE-1 subfamilies in pre-diagnosis ovarian cancer blood samples" at Imperial College London, London, UK (Supervisor- Dr James Flanagan, Head, Translational Epigenomics Lab, Imperial College London)

PROFESSIONAL EXPERIENCE

Year(s)	Experience
Since 2019	Doctoral Researcher in Bioinformatics, Dept. of Neuropathology, University Hospital Heidelberg & German Cancer Research Center (DKFZ), Heidelberg, Germany
2019	Cancer Informatics Intern, Cambridge Cancer Genomics, Cambridge, UK
2016-2018	Research Assistant in Bioinformatics, Central Drug Research Institute, India

OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	
Since 2018	Ambassador for Higher Education in the UK, British Council
2018-2019	Awarded the fully-funded British Council India 70 th Anniversary Scholarship for Women in STEM to study at Imperial College London, London, UK
2012-2016	Awarded "Best Outgoing Student" at Sinhgad College of Engineering, Pune, India

SELECTED PUBLICATIONS

1. [Patel, A.](#) et al. (2018) 'Test for Non-Synergistic Interactions in Phytomedicine, Just as You Do for Isolated Compounds', **Journal of Experimental Neuroscience**. doi:10.1177/1179069518767654
2. [Patel, A.](#) et al. (2017) 'Identification of hydrophobins in fungal strains using bioinformatics tools', **Journal of Advances in Engineering Science**, Volume 14, Issue 1&2