

Bio-data

ANIKET GANPAT PATANKAR

Address: A-001, Queens Tulip C.H.S., Queens
Park, Mira Road (East), Thane-401107

Contact No.: +91 8928823397
Email: aniket.25patankar@gmail.com

Educational Qualifications				
Degree	Institution	University/Board	Year of passing	Marks (%)
Ph.D. (Biochemistry)	ICMR- National Institute for Research in Reproductive Health (NIRRH), Parel, Mumbai- 400012	University of Mumbai	Appearing	N.A.
M.Sc. (Biotechnology)	Fergusson college, Pune-411004	University of Pune	2014	63.70
B.Sc. (Biotechnology)	Patkar College, Goregaon (W), Mumbai- 400062	University of Mumbai	2012	60.17
H.S.C.	Thakur College of Science and commerce, Kandivali (E), Mumbai- 400101	Maharashtra State Board of Secondary and Higher Secondary education, Pune	2009	74.57
S.S.C.	JijamataVidyamandir, Post: Raipatan, Tal.- Rajapur, Dist. Ratnagiri.	Maharashtra State Board of Secondary and Higher Secondary education, Pune	2007	85.07

➤ Academic Achievements:

- 1) Qualified as Junior Research Fellow (**JRF**) in National Eligibility Test (NET) conducted by Council of Scientific & Industrial Research (**CSIR**) in December 2013 (**All India Rank 106**)
- 2) Awarded **JRF** by Department of Biotechnology (**DBT JRF-Category 1**) in national level exam conducted in May 2014
- 3) Cleared Graduate Aptitude Test in Engineering (**GATE**) conducted by Indian Institute of Technology (IIT Bombay) in December 2013 (**All India Rank 1194**)
- 4) Qualified as **JRF** in national level exam conducted by Indian Council of Medical Research (**ICMR**) in July 2014 (**ICMR JRF**)

➤ Conferences and workshops:

- ✓ **Best Oral presentation (3rd prize)** on topic “Genome wide distribution of major testis specific variant of Histone H2B (TH2B) in fertile human sperm” at National Research Scholars meet (NRSM 2019), ACTREC, Kharghar

- ✓ **Recipient of GYAN Scholarship award and presented poster** in Nextgen, Genomics, Biology, Bioinformatics and Technologies Conference (NGBT2018) held on 30th Sept to 2nd Oct, 2018 at Fairmont, Jaipur
- ✓ Poster presentation titled “Identification of genomic loci associated with Testis Specific Histone H2b Variant (TH2B) in fertile human spermatozoa” at 30th Annual Meeting of the ISSRF along with the World Congress on Reproductive Health with Emphasis on Reproductive Cancers, Infertility and Assisted Reproduction (ISSRF-2020) organized by Shri Mata Vaishno Devi University (SMVDU), Katra, Jammu and Kashmir during February 14th -16th, 2020
- ✓ Poster presentation titled ‘Differential phosphorylation and genomewide distribution of Testis specific Histone H2B variant (TH2B) suggests its putative role in sperm function’ at “NIRRH Golden Jubilee Celebrations and International Conference on Women’s Health” during 20th- 23rd February 2020
- ✓ Participated in Targeted Proteomics workshop held at Department of Biosciences and Bioengineering, IIT Bombay, Mumbai, from 24th to 27th February 2018
- ✓ Participated in Workshop on Human Genome and Transcriptome Analysis” held at Institute of Bioinformatics (IOB), Bangalore from 25th to 28th July 2016

➤ **Research Experience:**

- ✓ Worked as DBT- JRF (from October 2014 to September 2016) and as DBT- SRF (October 2016 to June 2019) on the project entitled “Functional significance of Testis Specific Histone H2B (TH2B) in sperm and early embryonic development” at Department of Gamete Immunobiology, ICMR-NIRRH
- ✓ Currently working as ICMR-SRF on the above mentioned project

➤ **Publication/ Review article/Book chapter:**

- ✓ **Patankar A.**, Gajbhiye R., Surve S. & Parte P. Epigenetic landscape of testis specific histone H2B variant and its influence on sperm function. Clin Epigenet 13,101(2021). <https://doi.org/10.1186/s13148-021-01088-4> (**Original Research Article**)
- ✓ **Aniket Patankar** and Priyanka Parte. Sperm Chromatin Compaction and Male Infertility, In ‘Male Infertility: Understanding, Causes and Treatment’, Eds: Rajender Singh & Kiran Singh, Springer Singapore, 2017, DOI: 10.1007/978-981-10-4017-7 page 295-316 (**Book Chapter**)
- ✓ Singh I[#], **Patankar A[#]** and Parte P, ‘Chromatin remodelling of the male genome during spermiogenesis and embryo development’ in the Elsevier Book ‘Epigenetics and Reproductive Health’ – Translational Epigenetics Series, by Elsevier Publications. DOI: 10.1016/B978-0-12-819753-0.00003-9 (**Book Chapter**), [#]Equal contribution