

CHANCHAL BAREJA

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OBJECTIVE

To become a contributing major pillar, in an organization for its success by applying the best education skills and innovative solutions.

EDUCATIONAL QUALIFICATION

Pursuing Ph. D in Cancer Biology under **Prof. Daman Saluja, Director, Dr. B.R. Ambedkar Centre for Biomedical Research & Joint Director, Delhi School of Public Health**, University of Delhi since October 15th, 2018

Department of Zoology (registered in Hans Raj College), University of Delhi

July 2015-June 2017, M.Sc. (Zoology) secured 72.37%

Hans Raj College, University of Delhi

July 2012-June 2015, B.Sc. (H) Zoology secured 86.1%

S.D. Vidya Mandir, Panipat (C.B.S.E.)

2012, XII (10+2), secured 93%

S.D. Vidya Mandir, Panipat (C.B.S.E.)

2010, X (10), secured 9.6 CGPA

EXPERIENCE

- Worked under **Dr. Anil Suri, Former Director, National Institute of Immunology, Genes and Proteins Laboratory, New Delhi** as a Junior Research Fellow (JRF) from Dec 2017 to Aug 2018.
- Worked as TGT Biology from July 2017 to October 2017 in **Mother's Global Public School, Preet Vihar, New Delhi**.
- Tutorial experience of 5 years (Class IX to XII) as a Freelancer.
- Selected in **AAKASH Educational Institute** as a faculty position.

TECHNICAL EXPERIENCE

Molecular Biology techniques, Protein Purification, SDS- PAGE, Western Blotting, Recombinant protein technology, PCR, Real time PCR, Cell Culture, Hybridoma Technology, Immunohistochemistry, ELISA, Bioinformatics.

COMPETITIVE EXAMS QUALIFIED

- Qualified **Council of Scientific and Industrial Research-Junior Research Fellowship Examination (CSIR-UGC JRF NET) with AIR-84** in 2017.
- Qualified **Indian Council of Medical Research–Junior Research Fellowship Examination (ICMR-JRF) with 71.20%** in 2017.

WORKSHOP/TRAINING: INTERNATIONAL AND NATIONAL

- **Completed the Building Bharat Boston Bioscience (B4) Program's** Online Hands on Workshop on Big Data in Life Sciences and Healthcare on March 14-21, 2021, Organized by Lakshmi Mittal South Asia Institute, Harvard University, Cambridge, Institute of Bioinformatics and Applied Biotechnology, Bengaluru and Indian Institute of Science Education and Research, Pune (**Amongst top 25 students selected across the country**).
- **Attended** the Online Workshop on **Scientific writing** and **Research Ethics** for Medical and Clinical Science Community, organized by DBT/ Wellcome Trust India Alliance on 19 September, 2020.
- **Presented Poster in 39th Annual Conference of Indian Association for Cancer Research (IACR-2020)**, Organized by **Rajiv Gandhi Centre for Biotechnology**, held on February 5-7, 2020 at Thiruvananthapuram, Kerala.
- **Awarded with Best Poster Presentation in World Congress on Cancer-2020:** Organized by Mahatma Gandhi Medical College and Hospital, Jaipur, Cancer Institute, Chennai, Icahn School of Medicine at Mount Sinai, USA and National Institute of Immunology, New Delhi, held on February 3-5 2020 at Jaipur, Rajasthan.
- Attended the **Abcam Seminar** covering Optimization techniques for Western Blotting and Immunohistochemistry & Immunocytochemistry held at Dr. B.R. Ambedkar Center for Biomedical Research, University of Delhi, New Delhi on November 28, 2019.
- **Actively participated as Delegate** in the officially licensed **Best of American Society of Clinical Oncology (ASCO) Conference** held on 28-29, July, 2018 at New Delhi.

- **As Delegate in First Conference on Environmental and Occupational Determinants of Cancer: Interventions for Primary Prevention:** Organized by **AIIMS** in partnership with **Ministry of Environment, Forest and Climate Change, Government of India** held on 26- 27th May, 2018 at New Delhi.
- **Presented Poster in World Congress on Cancer-2018:** Organized by Mahatma Gandhi University of Medical Sciences and Technology (MGUMST), Jaipur, National Cancer Institute-All India Institute of Medical Sciences (NCI-AIIMS), New Delhi and National Institute of Immunology, New Delhi under the auspices of the **Indian Society for the Study of Reproduction and Fertility (ISSRF)** on February, 3-5, 2018 at Jaipur, Rajasthan.
- **Participated in Updates in Management of Head and Neck Cancer Conference:** An initiative of NCI-INDIA, AIIMS, New Delhi held on 4th-5th November, 2017 at New Delhi.
- **Actively participated in Indo-US Workshop and International Symposium on Biological Timing and Health Issues in the 21st Century** from February 22-24, 2017: Organized by Department of Zoology and Indo-US Center for Biological Timing and Indian Society for Chronobiology at New Delhi.
- **Awarded with Best Student Oral Presentation in Workshop on Microbial Genomics and Metagenomics:** Organized by Department of Zoology on September 22, 2016 at New Delhi.
- **Participated in Workshop on Molecular Biotechnology Techniques:** Organized by Department of Zoology, Hans Raj college, University of Delhi, from 21-23 March, 2014 at New Delhi.
- **Volunteered in National conference on “Relevance of Nanotechnology in Biology”:** Organized by Department of Botany and Zoology, Hans Raj college, University of Delhi held on March 1, 2013.

PROJECTS AND THESIS

- **JRF (P)** at National Institute of Immunology, New Delhi in the Project entitled “**Centre for Molecular Medicine**” funded by DBT from 20.12.2017 to 31.03.2018.
- **JRF (P)** at National Institute of Immunology, New Delhi in the Project entitled “**Cancer Research Program**” funded by DBT from 03.04.2018 to 10.08.2018.

- **Masters Dissertation** on the project entitled “**Unravelling the Beauty of Curcumin: Its journey from Household usage to Medical Arena**” from January to May, 2017 submitted to Department of Zoology, University of Delhi.
- **Actively participated & completed Innovation Project** entitled- “**Comprehension of Ethnic practices of selected Indian Tribes as pro ecological customs and their deviation from the stream**” from 2013-2015 at Hans Raj College, University of Delhi. The project received “**Best Display**” award at “**Antardhwani**” (Delhi University Annual festival).

PROFESSIONAL SOCIETIES MEMBERSHIP

- Life member, Indian Association for Cancer Research.
- Associate member, American association for Cancer Research.

SCHOLARSHIP & AWARDS

- Recipient of **Centre Scholar Scheme of Scholarship (CSSS)** for being meritorious in Class XII, sponsored by C.B.S.E from 2012 to 2015.
- Merit Holder in B.Sc. and M.Sc.
- Felicitated by **Akhil Bhartiya Vidyarthi Parishad (ABVP)** for outstanding performance in academics in the year 2012-2013.
- First Prize in **Poetry Competition in Annual Cultural Fest** of Department of Zoology in 2017.
- Awarded Prize in **Science Congress** on topic of “**Impact of Livelihood Changes on Food Habits and Traditional medico practices**”.
- Certified for **Outstanding performance** in acting of **Talent Hunt, 07 Sanoni Foundation (Project Head “Ustad Gulam Sadiq Khan”)**.

LEADERSHIP QUALITIES

- **Counsel member** of Zoological Society of Hans Raj College, DU.
- **House captain** in school, 2012.
- **Vice captain** in 2010.
- **Co-curricular activity Incharge** of House in school, 2009.

TITLES AWARDED

- Awarded with “**Miss Enthusiastic**” title in **M.Sc. farewell** in 2017.
- Awarded with “**Miss Farewell**” title in **B.Sc. farewell** in 2015.
- Awarded with “**Miss SDVM**” title in **School Farewell** in 2012.

OTHER SKILLS

- **MS Office**
- **Good communication skills**
- **Good editing skills**

Additional Information:

Subjects studied in B. Sc Zoology:

Introduction to Biology, Biodiversity (Chordata and Non-Chordata), Animal Physiology and Functional Histology, Cell Biology, Molecular Biology, Biochemistry, Immunology, Ecology, Developmental Biology, Genetics and Genomics, Evolutionary Biology, Biotechnology, Applied Zoology, Chemistry, Mathematics and Statistics, Computational Skills, Technical writing and Communication in English, Environmental Studies.

Subjects studied in M. Sc Zoology:

Genetics and Cytogenetics, Principles of Gene Manipulation, Comparative Animal Physiology, Metabolism: Concepts and Regulation, Developmental Biology, Systematics, Biodiversity and Evolution, Immunology, Molecular Cell Biology, Principles of Ecology, Computational Biology, Biostatistics and Bioinformatics, Biology of Parasitism, Structure and Function of Genes, Optional Paper chosen: Genomics, Metagenomics, Epigenetics and Chromatin Biology.