

CURRICULUM VITAE

Prerna Srivastava

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PhD Student,

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Education

- 2011-2013 **M.Sc. in Biotechnology** from Madurai Kamaraj University, Madurai, Tamil Nadu, India.
- CGPA: 8.6/10
 - University topper in M.Sc. Biotechnology
- 2008-2011 **B.Sc. in Biotechnology** from H.N.B Garhwal University, Uttarakhand, India.
- Percentage: 79%
 - Topper of the batch in the institute.
- 2006 **Intermediate** (10+2) with Physics, Chemistry, Biology (CBSE Board) from U.P, India; First Division with 81.2%.
- 2004 **High School** (10th) with Mathematics, Science, Social Science, English, Hindi (CBSE Board) from U.P., India ; First division with 86%.

Work Experience and Training

- August 2014- April 2016 Project Assistant under the supervision of Dr. Anindya Ghosh Roy, NBRC, Manesar. worked on the project dealing with “**Microtubule organization in *C. elegans* neurons**” and **CRISPR mediated genome editing in *C. elegans*.**
- Sept 2013- August 2014 Project Assistant under the supervision of Dr. Narender Dhingra, NBRC, Manesar. I worked on the project entitled “**Neurotransmitters receptors in rd1 mouse retina**” where I studied how excitatory and inhibitory neurotransmitter receptor changes after retinal degeneration.
- December 2012-April 2013 M.Sc. dissertation under the guidance of Dr. S.Krishnaswamy, at School of Biotechnology, Madurai Kamaraj University on the topic “**Molecular and phylogenetic analysis of olfactory transduction pathway in vertebrates.**”
- May 2012-July 2012 Summer internship at National Brain Research Centre (NBRC) under guidance of Dr. Narender Dhingra, on the project entitled “**Effect of light on running wheel activity of wild-type and retinally degenerated mouse**” sponsored by Indian Academy of Sciences.

Academic Achievements

1. **DST** (Department of Science and Technology) - **INSPIRE** research fellowship in 2014.
2. Qualified **GATE** (Graduate Aptitude Test in Engineering) 2013 in Life Sciences with 95.6 percentile.
3. Gold medalist of the University in Masters.
4. Received full scholarship form Department of Biotechnology (**DBT**) during Masters.
5. Received scholarship from the Indian Academy of Sciences (**IAS**) for Summer Internship.

Publication

1. **Srivastava P. et.al (2015)** Differential alterations in the expression of neurotransmitter receptors in inner retina following loss of photoreceptors in *rd1* mouse. **PLoS One**, 10(4): e0123896.