



About me

I am creative, hardworking and enthusiastic, with skills and experience in maintaining, managing and performing wet lab experiments in a Worm-lab. I am competent in handling multiple tasks, can work well under pressure and comfortable working in a team as well as individually.

I am a quick learner and can take responsibilities and complete assignments in a stipulated time.

A bibliophile, I love painting, solving puzzles, and doing crafty things in my free time.

Contact



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KOPAL SAHARIA

Education

2019 ● Ph.D

Banasthali Vidyapith, Rajasthan
Research work conducted at Dept. of BSBE, IIT Kanpur
Thesis title: Molecular Mechanistic of Reserpine Mediated Lifespan Extension and A β Alleviation in *C.elegans*

2010 ● Masters in Science- Biotechnology

Banasthali Vidyapith, Rajasthan
Obtained 77.4%

2008 ● Bachelors in Science- Biotechnology

Chhatrapati Shahuji Maharaj University, Kanpur, U.P.
Obtained 74%

Experience

2010-2013 ● Project Associate

Indian Institute of Technology, Kanpur
Project Titled: A systematic analysis of lifespan extension in *C.elegans*
Job responsibilities: Designing and set-up of research experiments, Analysis of data, Interpretation of results.

Professional Qualifications

2014 ● CSIR-UGC NET (JRF)

074/0832 rank in Life Sciences.

2011 ● GATE Biotechnology

90 Percentile

Publications

- 2016** ● Reserpine requires the D2-type receptor, *dop-3*, and the exoribonuclease, *eri-1*, to extend the lifespan in *C. elegans*.
Kopal Saharia, Ranjeet Kumar, Kuldeep Gupta, Shrilekha Mishra and Jamuna R Subramaniam. J.Biosci. 41 (4)
- A novel way of amelioration of Amyloid Beta induced toxicity in *Caenorhabditis elegans*.
Kopal Saharia, Ranjeet Kumar, Kuldeep Gupta, Shrilekha Mishra, Jamuna R. Subramaniam. Annals of Neurosciences. 23:149–154
- 2013** ● Withania somnifera root extract extends lifespan of *Caenorhabditis elegans*.
Ranjeet Kumar, Kuldeep Gupta, Kopal Saharia, Deepak Pradhan, Jamuna R. Subramaniam. Annals of Neurosciences. Volume 20.Number 1
- 2012** ● Reserpine Modulates Neurotransmitter Release To Extend Lifespan and Alleviate Age-Dependent A β Proteotoxicity in *Caenorhabditis elegans*.
Kopal Saharia, Upasna Arya, Ranjeet Kumar, Rashmi Sahu, Chinmaya Kumar Das, Kuldeep Gupta, Hemalata Dwivedi, Jamuna R. Subramaniam. Experimental Gerontology. 47(2):188-97.

Achievements

Vice Chancellor's Gold Medal and Chancellor's Bronze Medal
by CSJM University, Kanpur December 2008

Technical Skills

Primary: Molecular Biology, Genetic Engineering techniques, Neurobiology, Biotechnology, Microbiology

DNA/RNA Isolation, PCR, RT-PCR, Immunohistochemistry

- National Workshop on Advanced Molecular Biotechniques (13th to 17th November, 2018) organised by Department of Biotechnology & Department of Microbiology, CSJM University, Kanpur.

- DBT course in Biotechnology: Techniques in Molecular Biology from 15th to 30th September 2015 organised by Department of Medical Genetics, SGPGIMS, Lucknow.

Secondary: Computer proficiency, MS Office, Internet use for literature search and data retrieval.

Independent Courses

General course on Intellectual Property by WIPO (Distance Learning Certificate course-May 2016)

Introduction to Patent Cooperation Treaty by WIPO (Distance Learning Certificate-June 2016)

German Language Certificate by Banasthali University (2009)