

# DARSHANA KAPRI

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Hutment,  
Department of Biological Sciences  
Tata Institute of Fundamental Research,  
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Mumbai, 400005.

## EDUCATION

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<b>Integrated PhD</b> Tata Institute of Fundamental Research, Mumbai Department of Biological Sciences Advisor: Dr. Vidita Vaidya	2017- Present
<b>Bachelor of Technology</b> Motilal Nehru National Institute of Technology Allahabad, Prayagraj Department of Biotechnology CPGA – 8.7/10	2013-2017

## HONORS AND AWARDS

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Indian Academy of Science, Summer Research Fellowship	2016
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## PUBLICATIONS

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Tiwari P, **Kapri D**, Pradhan A, Balakrishnan A, Chaudhari PR, Vaidya VA (2021) Chronic hM4Di-DREADD mediated chemogenetic inhibition of forebrain excitatory neurons in postnatal or juvenile life does not alter adult mood-related behavior  
eNeuro (Under revision)  
DOI: <https://doi.org/10.1101/2021.09.19.460973>

**Kapri D**, Fanibunda SE, Vaidya VA (2021), Thyroid Hormone Regulation of Adult Hippocampal Neurogenesis- Putative Molecular and Cellular Mechanisms.  
Vitamins and Hormones, Vol 118 (book chapter)  
In press.

Tiwari P, Fanibunda SE, **Kapri D**, Vasaya S, Pati S, Vaidya VA (2021), GPCR signaling: Role in mediating the effects of early adversity in psychiatric disorders.  
FEBS. J.  
DOI: 10.1111/febs.15738.  
<https://doi.org/10.1111/febs.15738>

Pati S, Saba K, Salvi SS, Tiwari P, Chaudhari PR, Verma V, Mukhopadhyay S, **Kapri D**, Suryavanshi S, Clement JP, Patel AB, Vaidya VA (2020), Chronic postnatal chemogenetic activation of forebrain excitatory neurons evokes persistent changes in mood behavior.

Elife

DOI: 10.7554/eLife.56171.

<https://elifesciences.org/articles/56171>

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#### TEACHING EXPERIENCE

Tata Institute of Fundamental Research, Mumbai Teaching Assistant, Department of Biological Sciences Course - <i>Basic Neuroscience</i> under Dr. Vidita Vaidya	2020
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#### OTHER PROJECTS

<i>predictPGPR: a software tool for identification of plant growth promoting bacteria from genomic sequences</i> Motilal Nehru National Institute of Technology Allahabad, Prayagraj Final year project, under Dr. Ashutosh Mani	2017
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<i>Towards characterization and identification of RNA thermometers in bacteria</i> Indian Institute of Science, Bengaluru Summer Research Fellow, under Dr. Manju Bansal	2016
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#### CONFERENCES ATTENDED

<b>Molecular Neuroscience: From genes to circuits</b> National Centre for Biological Sciences, Bangalore	2019
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#### COMMUNITY SERVICE

<b>Rotaract Club of MNNIT Allahabad</b> , Volunteer	2016
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#### LANGUAGES

**Hindi:** Native Language

**English:** Advanced Listener, Speaker, Reading and Writing

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#### COMPUTER SKILLS

**Programming languages:** C, C++, Python, MATLAB, R

## **OTHER**

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- Active volunteer in science outreach programs at Tata Institute of Fundamental Research
- Lead college teams in theatre competitions at national level raising awareness on mental health issues and education