



MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES, FARIDABAD

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad, Haryana 121004

DR. KRISHNA PRIYA GANTI

Designation: Associate Professor

Qualifications: B.Sc. Genetics, Microbiology & Chemistry (Osmania University), M.Sc. Biochemistry (University of Hyderabad), PhD. Molecular and Cellular Biology (IGBMC, University of Strasbourg, France).

Email ID: krishna.fet@mriu.edu.in

Experience: 6.5 Years



[Google Scholar Profile:](https://scholar.google.com/citations?hl=en&user=6zxdwccAAAAJ)

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Research Interests: Atopic disease biology, Skin biology, Inflammatory diseases, Vaccine and adjuvant biology.

+ Journal Publication Details:

- Kaushik N, Anang S, **Ganti KP**, Surjit M. Zinc: A Potential Antiviral Against Hepatitis E Virus Infection? **DNA Cell Biol.** 2018 Jul;37(7):593-599. **Impact Factor: 2.6**
- **Ganti KP**, Mukherji A*, Surjit M*, Li M, Chambon P. Similarities and differences in the transcriptional control of expression of the mouse TSLP gene in skin epidermis and intestinal epithelium. **Proc Natl Acad Sci U S A.** 2017 Feb 7;114(6): E951-E960. **Impact Factor: 11.2**
- Hua G, **Ganti KP**, Chambon P. Glucocorticoid-induced tethered transrepression requires SUMOylation of GR and formation of a SUMO-SMRT/NCoR1-HDAC3 repressing complex. **Proc Natl Acad Sci U S A.** 2016 Feb 2; 113(5): E635-43. **Impact Factor: 11.2**
- Surjit M, **Ganti KP***, Mukherji A*, Ye T, Hua G, Metzger D, Li M, Chambon P. Widespread negative response elements mediate direct repression by agonist-liganded glucocorticoid receptor. **Cell.** 2011 Apr 15; 145(2): 224-241. **Impact Factor: 41.58** *Equal contribution
- Li M, Hener P, Zhang Z, **Ganti KP**, Metzger D, Chambon P. Induction of Thymic Stromal Lymphopoietin Expression in Keratinocytes Is necessary for Generating an Atopic Dermatitis upon Application of the Active Vitamin D3 Analogue MC903 on Mouse Skin. **Journal of Investigative Dermatology (2009)** 129, 498–502. **Impact Factor: 7.14**

+ Administrative Responsibilities:

- Member of the Board of Studies (ASU & SRM AP).
- Member of the Research Ethics Committee (ASU & SRM AP).
- Member of the Women's grievance cell (SRM AP).
- Faculty Coordinator for International students (SRM AP).
- Involved in the establishment of central research facility for faculty research and teaching laboratory (SRM AP).

<ul style="list-style-type: none"> • Event Coordinator at The International conference on Transformations in Engineering Education- Imparting Futuristic Skills held at SRM University Andhra Pradesh during 15-17 July 2018. • Organizer of the webinar series from the School of Biosciences, ASU.
<p>+ Professional Affiliation:</p> <ul style="list-style-type: none"> • Life member of The Indian Science Congress Association (ISCA).
<p>+ Patent:</p> <ul style="list-style-type: none"> • Jameel, S., Yazdani, S., Pani, B., Ganti, K.P., Khan, S.A. A virus-like particle (VLP) candidate vaccine for hepatitis E produced in Escherichia coli. Indian Patent Application no: 2040/DEL/2006.
<p>+ Awards:</p> <ul style="list-style-type: none"> • Post-doctoral fellowship from ARI, IGBMC (Oct'10 - Nov'11). • Pre-doctoral fellowship from ARI, IGBMC (Dec'05 - Sep'10). • Qualified CSIR NET (2003). • Received “Best Oral Presentation” award for my talk on “Transplantation” in an inter-collegiate competition during final year B.Sc (2000).
<p>+ Projects:</p> <p>Start-up Research Grant (SRG) from DST, India in 2019. Budget: 32.8 lacs</p> <p>Project title: Molecular characterization of genetic and epigenetic regulation of the human thymic stromal lymphopoietin (hTSLP) gene expression.</p>
<p>+ Conferences/Workshop attended</p> <ul style="list-style-type: none"> • Poster Presentation at EMBO conference on Nuclear Receptors held in Dubrovnik, Croatia (2009). Title: Nuclear receptor mediated transcriptional regulation of the TSLP gene expression. • Participated in the 2nd Hands-on workshop on Alternatives and Eye Irritation Test as per OECD TG-492 on Dec 18-19, 2019, held at Jamia Hamdard, New Delhi.
<p>+Professional experience:</p> <ul style="list-style-type: none"> • Aug' 19 – Mar' 22: Assistant Professor in the School of Biosciences, Apeejay Styta University, Sohna-Palwal Road, Gurugram, Haryana, India. • Aug' 17- Aug'19: Assistant Professor in the Department of Biotechnology, SRM University, Amaravati, Andhra Pradesh, India. • Dec'11 – July'17: Child care, during which time I have also worked on my PhD and Post-doctoral research manuscripts and published them. • Oct'10 - Nov' 11: Post-doctoral Researcher in the department of Functional genomics and Cancer, IGBMC, Strasbourg, France. • Dec' 05 – Sep' 10: PhD in Molecular and Cellular biology, IGBMC, University of Strasbourg, France. • Jul'04 - Dec'05: Junior Research Fellow in the Virology Unit, ICGEB, New Delhi, India. • Oct'03 - Jun'04: Research Assistant in the Centre for Plant Molecular Biology (CPMB), Osmania University, Hyderabad, India. • Oct'02 - Sep'03: Research Assistant in Sudershan Biotech Ltd., Hyderabad, India.