



# Neha Tanwar, PhD

## SCIENCE COMMUNICATOR

### PERSONAL PROFILE

I am an experienced science writer, communicator and storyteller with a zeal to grow everyday and help more and more people to understand complex topics.

### WORK EXPERIENCE

- **Managed pan-India project** as a research associate (RA) in the **project implementation unit** of ICAR- Indian Agricultural Research Institute, India.
- Working as a **freelance medical writer** for the **HealthNews** (UK) and **Hashtag medical writing solutions** (India).
- **Expertise in publishing, marketing,** manuscript preparation, SEO marketing, CME based presentation, SOP and article writing.
- **Published 5 review and research articles** in high impact factor journals.
- Published more than **30 blogs and articles**.
- Prepared **100+ CME decks**
- Proficiency in using **Canva** and **Adobe** for designing illustrations.
- Worked as art editor and head editor for science magazine 'Eureka' at Gargi college (Delhi University).

### CONTACT INFORMATION



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<https://www.linkedin.com/in/dr-neha-tanwar-437282125/>

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### EDUCATIONAL HISTORY

#### Doctor of Philosophy (2017-2022)

- **University**- Deakin university, Australia
- **Department**-Science, Engineering and built environment, Geelong-Waurn Ponds. (Guide:Dr. James Rookes and Dr. Sangram Lenka)
- **PhD thesis**- Chloroplast Genetic Engineering in tobacco and tomato.

#### Master of Science (Biochemistry) (2012-2014)

- **University**-The Maharaja Sayajirao University Of Baroda, Gujarat
- **Department**-Faculty of science, Biochemistry Department
- **Master's thesis** - Genetic evidence for an operon organization of helicase gene.

#### Post Graduation Diploma (2011-2012)

- University-Delhi University
- College- Sri Venkateswara college

#### Bachelor of Science (Life Sciences)(2008-2011)

- University-Delhi University
- College- Gargi college

### AWARDS

- 2022: Received Carl Storm international diversity fellowship for attending GRC on Mitochondria and Chloroplasts
- 2020: Received appreciation for delivering oral talk at International virtual conference on Plant specialized metabolism and metabolic engineering (PSMME-2020)
- 2018: Deakin University Postgraduate Research Scholarship (DUPRS)
- 2015: Received DST-JST fellowship for Indo-Japanese collaborative project between ICGEB And VMMC, Safdarjung working on Dengue – Chikungunya co-infections in India.

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## PUBLISHED PAPERS

- Neha Tanwar · Binod K. Mahto · James E. Rookes · David M. Cahill · Kailash C. Bansal · Sangram K. Lenka Chloroplast transformation in new cultivars of tomato through particle bombardment. *3 Biotech* (2024).
- Tanwar, N., Rookes, J.E., Cahill, D.M. et al. Carotenoid Pathway Engineering in Tobacco Chloroplast Using a Synthetic Operon. *Mol Biotechnol* (2023).
- Neha Tanwar<sup>1, 2</sup>, Sagar S Arya<sup>2</sup>, Sangram K. Lenka<sup>3, \*</sup>, James E. Rookes<sup>2</sup>, David M. Cahill<sup>2</sup> and Kailash C Bansal<sup>4, \*</sup> Prospects of chloroplast metabolic engineering for developing nutrient-dense food crops, *Critical reviews in biotechnology*, 2022.
- S.S. Arya, N. Tanwar, S.K. Lenka, Prospects of nano- and peptide-carriers to deliver CRISPR cargos in plants to edit across and beyond central dogma, *Nanotechnology for Environmental Engineering* 6(2) (2021) 22.
- J. Jain, K. Nayak, N. Tanwar, R. Gaiind, B. Gupta, J.S. Shastri, R.K. Bhatnagar, M.K. Kaja, A. Chandele, S. Sunil, Clinical, Serological, and Virological Analysis of 572 Chikungunya Patients From 2010 to 2013 in India, *Clinical Infectious Diseases* 65(1) (2017) 133-14.

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### SAMPLES OF PUBLISHED ARTICLES AND BLOGS

- Is it good to use red light therapy for your face?  
<https://healthnews.com/beauty/skin-care/red-light-for-face/>
- Dry skin around nose: Common causes and solutions  
<https://healthnews.com/beauty/skin-care/dry-skin-around-nose/>
- Botox brow lift: How it changes your face and tips for aftercare  
<https://healthnews.com/beauty/non-surgical-procedures/botox-brow-lift/>
- Rosemary oil vs. Minoxidil: Which is better for hair growth?  
<https://healthnews.com/beauty/hair/rosemary-oil-vs-minoxidil/>
- How to get rid of sebaceous filaments safely  
<https://healthnews.com/beauty/skin-care/how-to-get-rid-of-sebaceous-filaments/>
- Coffee isn't just for drinking: Discover its haircare wonders  
<https://healthnews.com/beauty/hair/coffee-for-hair-growth/>
- Surviving retinol Purge: What to expect and how to cope  
<https://healthnews.com/beauty/skin-care/retinol-purge/>
- Decoding UV index: How to tan safely and effectively  
<https://healthnews.com/beauty/skin-care/best-uv-index-for-tanning/>