

## Mridula Vellore, M.Phil

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### Summary

Experienced Scientific Writer with a strong background in biotechnology, scientific communication, and research publication. Adept at preparing manuscripts for national and international journals, grant writing, and supporting research teams with data interpretation. Currently pursuing a Ph.D. part-time at Amrita Vishwa Vidyapeetham, with a focus on Bibliometric Analyze of scientific publication trends of medical doctors.

### Educational Qualifications

- M.Phil Biotechnology, Preliminary Studies and Molecular Analysis of an important medicinal plant *Cymbopogon citratus* (2016) at Hindusthan College of Arts and Science, Bharathiar University.
- M.Sc Biotechnology (2007) Hislop College, RTM Nagpur University.
- B.Sc Biotechnology (2005) LAD College, Nagpur University.

### Professional Experience

#### *Senior Research Assistant & Scientific Writer*

Jubilee Centre for Medical Research, Jubilee Mission Medical College & Research Institute  
(2017 – Present)

- Assist in the preparation of scientific research papers for publication in national and international journals, ensuring adherence to submission guidelines and enhancing readability.
- Collaborate with principal investigators to write and submit grant proposals, improving chances of securing research funding.
- Participate in project meetings, offering writing and editorial support for task force documents, reports, and presentations.
- Conduct scientific writing workshops and research methodology training for MD/MS students and research staff.
- Maintain a comprehensive database of publications, tracking year-wise output for institutional records.

#### *Research Associate*

Amala Cancer Research Centre (Nov 2008 – Apr 2009)

- Worked on the anti-diabetic properties of a herbal product, contributing to industrial sponsored research

### Professional Development / Guest Lectures

#### **Resource Person**

- *Scientific writing class* for MD/MS students, conducted annually at the host institute.
- Explorer – Research Made Easy Webinar (7<sup>th</sup> -17<sup>th</sup> Sept 2020).
- Maharajas College, Guest Lecture (17<sup>th</sup> Dec 2021).
- St. Mary’s College, Invited Speaker at State-Level Seminar on "Fundamentals of Research Methodology" (27<sup>th</sup> Nov 2023).
- Vaidyaratnam Ayurveda Research Institute (VARI), Guest Lecture (3<sup>rd</sup> Jan 2024).

## Publications

1. Vellore M, S. Komathi, G. Rajalakshmi. Preliminary phytochemical screening of different solvent extracts from *Cymbopogon citratus* leaf. European Journal of Biomedical and Pharmaceutical Sciences, 3(4), 367-370.
2. C Sinju, S. R. Manju, C. G. Sreevidya, **Vellore Mridula**. Effect of *Dasapushpa Kera* in the management of *Vicharchika* (Eczema). International Ayurvedic Medical Journal; 4(3):February-March 2020, 2209-2213.
3. Maina J, Santhakumar R, Manoj VC, **Vellore M**. Screening for hearing impairment in high-risk neonates in a tertiary care centre in central Kerala. J Evid Based Med Healthc 2020; 7(48)
4. Hancy Varghese P, **Mridula Vellore**. An overview of trends in Communication: teaching, learning and research. International Journal of Research and Analytical Reviews 2020; 7(4): 958-960.
5. James V, **Vellore M**. A rare case of hypertrophic lichen planus caused by ingestion of ink. Int J Res Med Sci 2021;9:1216-8.
6. Hancy P Varghese, **Mridula Vellore**, Presthiena Lofi. Impact of digital learning during COVID-19 epoch: a cross sectional study on eye strain among university students in humanities from South India. World Wide Journal of Multidisciplinary Research and Development. 2022; 8(05): 52-57.
7. Adiody, S., Bellad, V., & **Vellore, M.** (2023). Prevalence of coronary artery disease in chronic obstructive pulmonary disease patients- a retrospective observational study. International Journal Of Community Medicine And Public Health, 11(1), 281–284. <https://doi.org/10.18203/2394-6040.ijcmph20234138>
8. Kuruvilla K, **Vellore M**, Varghese P R, Kuttichra P. Outcome Analysis of a National Short Term Clinical-Research-Capacity Building Program for Undergraduate Medicos. (Submitted in Majmaah Journal of Health Sciences)
9. Stefy Sunny Jacob, Rati Santhakumar, Prasanth Varghese, **Mridula Vellore**. Clinicoetiological factors and outcome of children with status epilepticus admitted in a tertiary care centre in central Kerala: a prospective observational study (Submitted in International Clinical Neuroscience Journal)

## Books:

- Accentuate 2023
  - Accentuate 2024
  - ORAH-Abstracts & Souvenir
- } Editor

## Snippets Published in current science

- Nair A, Swamy M, Chandra GS, Prabha AC, Jain A, Iqbal S, **Vellore M**, Baskar R, Nayak PP, Venkatesu P, Shrivastava N. Synthetic Voice (2017).
- **Vellore M**, Srividhya KV, Balaji S, Siranjothi K, Ramanan SS, Udham PK, Swamy HM, Gowdhaman P, Mullasserri S, Mishra N, Venkatesu P. Biodiesel Synthesis Reengineering *Proteus vulgaris* lipase (2017).
- **Vellore M**, Srividhya KV, Balaji S, Siranjothi K, Ramanan SS, Udham PK, Swamy HM, Gowdhaman P, Mullasserri S, Mishra N, Venkatesu P. Reinforced Concrete Blending improves strength (2017).

## Workshops & Certifications

- Attended workshop on “Advanced Training Programme on Bibliometrics and Research Output Analysis” by INFLIBNET at Gandhinagar, Gujarat (10th -15th Dec 2023)
- Completed a course on “Citation Analysis for Bibliometric Study” by Coursera
- Workshop on “Basics of bibliometrics” conducted by Clarivate analytics (17<sup>th</sup>,19<sup>th</sup> and 21<sup>st</sup> Oct, 2022).
- One-week online workshop on “Biostatistical Data Analysis and Research Methodology” by Science Tech Institute, Lucknow, UP (21<sup>st</sup> – 27<sup>th</sup> Dec, 2022)
- Attended 2<sup>nd</sup> International Science Communication Congress & 22<sup>nd</sup> Indian Science Communication Congress (ISCC-2022) on "Science writing for journalism and communication" in *virtual mode* (20<sup>th</sup>-21<sup>st</sup> Dec, 2022).
- Workshop on “Scientific Writing” 2-8 April-Conducted by Current Science Bangalore.
- Workshop on ‘R’ for descriptive statistics on May 26 & 27, 2017-conducted at Thiruvananthapuram.
- ‘Two day national workshop on research methodology & scientific-writing’ conducted by Mercy College, Palakkad, 29<sup>th</sup> & 30<sup>th</sup> Jan, 2018.
- Salisbury ’18: Workshop on SPSS and Symposium on scientific writing conducted by community medicine, JMMC & RI, 23<sup>rd</sup> & 24<sup>th</sup> sept 2018.
- ‘Two-day workshop on Research paper-writing’ conducted by KUHS, Thrissur, 16<sup>th</sup> & 17<sup>th</sup> May 2019.

### Successfully completed online courses conducted by NPTEL:

- ❖ Health Research Fundamentals”-ICMR-National institute of epidemiology
- ❖ Enhancing Soft Skills and Personality
- ❖ Introduction to professional scientific communication
- ❖ Academic writing
- ❖ Fundamentals of R software

### Scientific presentations:

- Knowledge Translation (Kt) Cross-disciplinary National Conference & Hands –On Workshop. Organized by *The Kerala State Higher Education Council (KSHEC)* on 16<sup>th</sup> & 17<sup>th</sup> Dec 2022  
Title: Clinical-Research-Capacity Building for Undergraduate Medicos: Outcome Analysis of a National Short Term Program
- International Seminar on “Infection and Immunity”, Dept of Biotechnology, SNR sons college, Coimbatore (2015).
- International Conference on Recent advances in Bionano- Science and technology, Hindusthan College of Arts and Science, Coimbatore (2015).
- International symposium on “Public Health Emergency and Disaster Management”, Hindusthan College of Arts and Science, Coimbatore (2015).
- National Conference on “Biotechnology- Present and Future for sustainable Health Development”, SERB- New Delhi sponsored, Dr. NGP arts and science college, Coimbatore (2014).

## Technical Skills

- **Writing & Editing:** Scientific manuscripts, grant proposals, literature reviews, conference presentations.
- **Programming:** R Software, C Programming
- **Tools:** MS Office (Word, Excel, PowerPoint, Outlook)