

**Dr. D. VIJAYRAJA** M.Sc.,M.Phil.,Ph.D.,CMLT.,



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Web of Science ResearcherID [ABE-4553-2021](#)

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**Educational qualification:**

Ph.D., Biochemistry, 2019, Bharathiar University, Coimbatore, Tamilnadu. **Highly Commendable.**  
M.Phil., Biochemistry, 2010, Annamalai University, Chidambaram, Tamilnadu. **CGPA 7.8**  
M.Sc., Biochemistry, 2008, Vysya College, Periyar University, Salem, Tamilnadu. **I Class**  
B.Sc., Biochemistry, 2006, RJMCC, Madurai Kamarajar University, Madurai, Tamilnadu. **I Class**

**Teaching areas:**

1. Clinical Biochemistry
2. Metabolism
3. Biomolecules

**Research interests:**

1. Experimental Neuroscience
2. Phytochemicals
3. Neurodegenerative Diseases

**Experience :12 Years**

1. RJMCC, Ambilikkai, Department of Biochemistry, Assistant Professor, July 2014-Till date.
2. Vysya College, Salem, Department of Biochemistry, Assistant Professor, June 2010- June 2012
3. RJMCC, Ambilikkai, Department of Biochemistry, Lecturer, January 2010-May 2010.

**Total number of publications:**

30

1. Fatemeh Mohammadzadeh Jessen George, Suriyanarayanan Sarvajayakesavalu, Dev Raj Joshi,

**Vijayraja Dhanraj**, Hima Haridasan, Aswathi K Raghav. Bacterial Pathogens in Acute Gastroenteritis via Contaminated Drinking Water in Developing Countries. Handbook of Research on Water Sciences and Society, 1, IGI Global, 2022.

2. Rengasamy Balakrishnan, **Dhanraj Vijayraja**, Thangavel Mohankumar, Dharmar Manimaran, Palanivel Ganesan, Dong-Kug Choi, Namasivayam Elangovan. Isolongifolene mitigates rotenone-induced dopamine depletion and motor deficits through anti-oxidative and anti-apoptotic effects in a rat model of Parkinson's disease, Journal of chemical neuroanatomy, 112, March 2021
3. Rengasamy Balakrishnan, **Dhanraj Vijayraja**, Song-Hee Jo, Palanivel Ganesan, In Su-Kim, Dong-Kug Choi, Medicinal Profile, Phytochemistry, and Pharmacological Activities of *Murraya koenigii* and Its Primary Bioactive Compounds, Antioxidants.9;2;January 2020.

**Total number of paper presentation:**

12

1. Presented a paper entitled “Phytochemical characterization and neurorescue role of *Garcinia indica* fruit rind extracts” in the One day virtual national conference on retrospect of biological sciences (NCRBS - 2023) organized by the Department of Biotechnology, College of Science and Humanities, SRM Institute of Science and Technology, Ramapuram Campus, Chennai - 600 089 held on 3rd April, 2023.
2. Presented a paper entitled “Dietary Flavonoid Molecule Promotes Cognition and Muscular Coordination in Experimental Models of *Drosophila melanogaster*.” 25-27th November 2021, 15th Annual Convention of ABAP & International Conference on Biotechnology for Environment & Health (ICBEH-21), Vellore Institute of Technology through Virtual Mode.

**Resourceperson:**

1. Reviewer in the peer reviewed international journal Neuropsychiatric Disease and Treatment (journal Impact Factor: 2.989) during 2023.
2. Acted as a resource person and delivered a scientific presentation on “Diet and Nutrition for Healthy Living” on 15.11.22 in Christian College of Engineering and Technology
3. Acted as a resource person and delivered a scientific presentation on “Gut Microbiome and Brain Health” in a one day seminar on 26.04.22 organised by Department of Microbiology, Mary Matha College, Periyakulam.
4. Appointed as a question setter for Biochemistry paper in Selvam Arts and Science College, Namakkal in the month of September 2022.
5. Reviewer in International Journal, Neuropsychiatric Disease and Treatment, 2021

Membership in professional bodies:

1. Life member of Indian Academic Research Association.