

## Resume

**Dr. R. KAVITHA M.B.B.S., M.D (Pharmacology)**

Regn.No: 64106

Professor  
Dept. of Pharmacology,  
SRMC&RI,  
Chennai  
[drkavithamd@gmail.com](mailto:drkavithamd@gmail.com)  
[r.kavitha@sriramachandra.edu.in](mailto:r.kavitha@sriramachandra.edu.in)

55/B-11, Jeevan Bhima Nagar,  
Anna Nagar West Extension,  
Chennai – 600101  
PH.NO: 9444551410

---

### Education

- Bachelor of Medicine and Bachelor of Surgery (M.B.B.S) – 1993 ~ 1999  
University : The Tamil Nadu Dr. M.G.R. Medical University, Chennai, India  
Institution : Kilpauk Medical College
- Master of Doctor (M.D.) - 2001 ~ 2004  
University: University of Madras, Chennai, India  
Institution : Dr.A.L.M. PG Institute of Basic Medical Science,  
Specialization: Pharmacology
- Doctorate of Philosophy (Ph.D)–Registered on April 2016  
University: Meenakshi academy of Higher education and Research,  
Chennai,  
Specialization: Pharmacology

### Employment

- Professor & HOD – From April 2023
  - Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai
- Professor – June 2019 – April 2023
  - Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai
- Professor & HOD – January 2017- June 2019

- The Tamil Nadu Dr. M.G.R. Medical University, Karpaga vinayaga medical Institute & Research Institute, Chennai, India.
- Associate Professor – November 2011 – January 2017
  - The Tamil Nadu Dr.M.G.R. Medical University, Sri Muthukumaran Medical College Hospital & Research Institute, Chennai, India.
- Assistant Professor - August 2010 – November 2011
  - The Tamil Nadu Dr. M.G.R. Medical University, Sri Muthukumaran Medical College Hospital & Research Institute, Chennai, India.
- Assistant Professor – June 2008 ~ August 2010
  - Meenakshi University, Meenakshi Medical College Hospital & Research Institute, India.
- Assistant Professor – August 2006 ~ April 2008
  - Vinayaga Mission University, Vinayaga Mission's Medical College, Karaikal, India.
- Assistant Professor – November 2004 ~ June 2006
  - J.K.K.N. Dental College, Kumarapalayam, India.

### **Teaching Courses**

- MBBS
- MD Pharmacology
- BDS, MDS
- MSc., Clinical research, MSc., critical care nursing, MSc., BMS
- BSc., Nursing
- BSc., Allied health sciences

### **Job Profile**

- Teach, evaluate and design lecture plan for under graduate, Post graduate medical and nursing students of the college.
- Teaching on pharmacology in various courses in class room environment.
- Appointed as Chief Superintendent and observer for the Tamil nadu Dr. MGR medical university theory examinations for medical graduates .
- Actively involved in coordinating and assessment processes in practical laboratory based on OSPE model (Objective Structured Practical Examination).
- Involvement in development of innovative integrated teaching programs with various subjects in medical courses in the department of Pharmacology.

- Reporting to senior management of the college for progress areas and improvement objectives for effective learning outcome of student programs.
- Member of medical education unit and curriculum committee of the institution for effective implementation of strategic academic plans and improving competency based learning outcome of the students.
- Actively involved in organizing and coordinating CME/Workshop on recent developments in pharmacology.
- Member of the Institutional Ethics Committee for evaluating the proposed research projects in human and animals.
- Mentor for the faculty staff self-development programs and course management activities.
- Member of Indian Pharmacological Society (IPS) and continuously update the current changes in the field of Pharmacology.
- Publishing research papers as corresponding author and co-author in indexed national and international journals.
- Member of Editorial Board in World Journal of Pharmaceutical Science, an indexed International Journal.
- Interested in updating knowledge and skills on Teaching and Research activities by pursuing online certification course periodically.
- Actively involved in coordinating ADR reporting to regional ADR reporting center (Kilpauk Medical College) and organizing ADR reporting sensitization programme for faculties, UG, PG and nursing students periodically.
- Member of curriculum committee of the institution and actively involved as a resource person in CISP (curriculum implementation Support Programme) Workshop.

### **Research activities / Grants**

- Guided MBBS students for funded research for Indian Council of Medical Research (ICMR) projects and involved medical students into Short Term Student (STS) research areas.
- Guiding Post graduates MD Pharmacology students in their thesis and research activities for the past 5 years
- Published my research activities (24) in many indexed national and international journals

- Member of the Institutional Ethics Committee for evaluating the proposed research projects in human and animals.
- Member of Editorial Board in World Journal of Pharmaceutical Science, an indexed International Journal.
- Pursing Ph.D. in pharmacology at MAHER university under the guidance of Dr.S.Viswanthan M.Sc.,Ph.D, Professor, Meenakshi Medical College, Kancheepuram from 2016.
- Member of Doctoral committee for PhD students at SRM & MAHER university
- Completed Basic course in biomedical science (BCBS) with a consolidated score of 92% in April 2021 conducted by NPTEL, ICMR NIE( Online course)

## Publications

### Post graduate - Academic Project

- Pre-Clinical Study titled “Selected bio-chemical and neuro-behavioral evaluation with Leucas Aspera in Wistar albino rats”.

## Journals

- 1) Deepti VD, **Kavitha R**, Seshathri E. Anti-diabetic potential and safety profiles of Tephrosia purpurea on streptozotocin-nicotinamide induced diabetes in rats. Int J Basic Clin Pharmacol 2023;12:240-6.
- 2) K Priya Gayathri,, **R KAVITHA RAMASAMY** , S RAMYA , K PUNNAGAI. Prevalence of Adverse Events in Healthcare Professionals Using Personal Protective Equipment to Treat COVID-19: A Web-based Survey.Journal of Clinical and Diagnostic Research. 2023 Feb, Vol-17(2): FC01-FC06.
- 3) Kruti N Parikh , **Kavitha Ramasamy** , Kranthi Karunai Kadal , Punnagai Kumaravelu. Antiproliferative and Proapoptotic Effects of Vitamin D3 in Human Neuroblastoma Cell Lines SH-SY5Y: An In-vitro Study.Journal of Clinical and Diagnostic Research. 2023 Jan, Vol-17(1): FC01-FC05.
- 4) Ganeshkumar Dayalan, **Kavitha Ramasamy**, Muninathan Natarajan, Parimala Kathirvelu, Jaikumar Shanmugasundaram, Shanmugapriyan Sivaraman, Exploration of Central Nervous System Activities of Caryota Urens ethanolic Leaf Extract on Neurological Disorders in Experimental Animal Models, J PHARM NEGATIVE RESULTS 2022;13:628-634.
- 5) **Kavitha Ramasamy**, Jaikumar Shanmugasundaram, Rajesh Manoharan, Viswanathan Subramanian, Parimala Kathirvelu, Rajagopalan Vijayaraghavan. Anti-neuropathic effect of 7,3'-dihydroxyflavone in paclitaxel induced peripheral neuropathy in mice involving GABAA, KATP channel and adenosine receptors, Neurochemistry International 159 (2022) 105388 <https://doi.org/10.1016/j.neuint.2022.105388>.

- 6) Napoleon Kagoo JJ, Darling Chellathai D, **R Kavitha\***. A Randomized Open-Label Parallel-Group Study Comparing the Efficacy and Safety of Cilnidipine and Amlodipine in Hypertensive Adults. Journal of The Association of Physicians of India; 69 (46): December 2021
- 7) Deepti. V.D, **Kavitha. R** . Experimental Evaluation Of Oral antidiabetic Activity Of Whole Plant Extract Of Tephrosia Purpurea In Stz –Nicotinamide Induced Diabetic Rats. Indian Journal Of Applied Research February 2022 ;12(02): 43-46
- 8) **Kavitha. R**, Deepti. V.D., Sangeetha. S. Assessment of Correct Technique of Inhalational Devices in patients with Obstructive Airway Diseases in A Tertiary Care Hospital. Research J. Pharm. and Tech 2020; 13(6): 2873-2876.
- 9) Srinath S., **Kavitha R.**, Dhanalakshmi K., Lyra P. Andrews. Assessment of prescribing pattern and cost analysis of topical steroids for skin disorders in dermatological outpatient department of a tertiary care hospital. International Journal of Basic & Clinical Pharmacology June 2019; 8(7):1559
- 10) P. Sivagami, **R. Kavitha**. Assessment of knowledge and attitude towards alternative to animal experimentation in research and education among interns and post graduate medical students in a teaching hospital, Tamilnadu, India. International Journal Of Basic & Clinical Pharmacology: ISSN (Print): 2319-2003; Online ISSN; 2279-0780, July 2019, 8( 7):1503-1509
- 11) Dr. E. Akila\* and **Dr. R. Kavitha**. HALOPERIDOL INDUCED RABBIT SYNDROME. World Journal of Pharmacy And Pharmaceutical Sciences: ISSN 2278-4357; Mar 2019 8(9); 1305-1308
- 12) Dr. D. Ganesh Kumar, **Dr. R. Kavitha**, Dr. Seshathri E. and H. Gladius Jennifer. Assessment of Knowledge and perception towards Generic medicine among undergraduate medical students in tertiary care hospital. World Journal of Pharmacy And Pharmaceutical Sciences: ISSN 2278-4357; Sep 2018, 7(10):1329-1337,
- 13) Dr. Sunil M. Vishwasrao\*, **Dr. R. Kavitha** and Dr. S. Srinath. World Journal of Pharmacy And Pharmaceutical Sciences: ISSN 2278-4357; Jan 2018, 7(2):1442-1446, Carbamazepine Induced Steven Johnson Syndrome.
- 14) **Dr. R. Kavitha\***, Dr. S. Srinath and Dr. Sunil M. Vishwasrao. World Journal of Pharmacy And Pharmaceutical Sciences: ISSN 2278-4357; Oct 30 2017, 6(11):1508-1512, Allopurinol Induced Toxic Epidermal Necrolysis
- 15) **R. Kavitha**, N. Seethalakshmi, P. Arumugam and R. Kannan. Effect of  $\beta$ -lactam antibiotics on motor coordination in mice. World Journal of Pharmaceutical Sciences 2016; 4(10): 34-38.
- 16) **Kavitha R\***, Rajesh M, Kannan R. Preferred learning styles of second year medical students. World Journal of Pharmaceutical Sciences 2016; 4(3) : 405-410
- 17) **Kavitha Ramasamy**, Patric Joshua, Veerendra V and Kannan Ramasamy. Management of resistant hypertension- A review. International Journal of Biomedical Advance Research 2015; 6(12): 810-816.

- 18) Kannan R and **Kavitha R**. A COMPARATIVE STUDY OF THE ANTI-INFLAMMATORY PROPERTIES OF BROMELAIN/ SERRATIOPEPTIDASE AS ADD ON THERAPY TO CONVENTIONAL TREATMENT FOLLOWING IMPACTED THIRD MOLAR SURGERY. WORLD JOURNAL OF PHARMACEUTICAL RESEARCH 2015; 4,issue 08 : 2595-2607
- 19) **Kavitha R\***, Nivedha. V, Rajesh. M, Kannan. R, Janagan. T. AN EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTICES OF HEALTHCARE PROFESSIONALS ON PHARMACOVIGILANCE IN A TERTIARY CARE TEACHING HOSPITAL. INTERNATIONAL JOURNAL OF UNIVERSAL PHARMACY AND BIO SCIENCES May-June 2014; 3(3): 732-756.
- 20) T.JANAGAN, **R.KAVITHA**, S. A. SRIDEVI, V. VEERENDRA. Prescription Pattern of Antihypertensive Drugs used in Hypertensive Patients with Associated Type2 Diabetes Mellitus in A Tertiary Care Hospital. International Journal of Pharma Research & Review, Jan 2014; 3(1): 1-5.
- 21) **Kavitha R\***, Janagan. T, Kannan. R, Veerendra. V. EFFECT OF LEUCAS ASPEREA ON CERTAIN BIOCHEMICAL PARAMETERS IN WISTAR ALBINO RATS. INTERNATIONAL JOURNAL OF UNIVERSAL PHARMACY AND BIO SCIENCES Jan-Feb 2014; 3(1): 68-77.
- 22) **Kavitha R\***, Kannan R, Glory Josephine I. Selected neurobehavioural evaluation of LeucasAspera in wistar albino rats. IJBCP International journal of basic& clinical pharmacology July-August 2013; 2: 433-437.
- 23) B.MallikarjunaRao, **R.Kavitha**, K.R. Subash, Binoy Varghese chariyan, N. JaganRao. EVALUATION OF ANTI ARTHRITIC ACTIVITY OF PET – ETHER EXTRACT OF PORTULACA OLERACEA(Linn.). INTERNATIONAL JOURNAL OF APPLIED BIOLOGY AND PHARMACEUTICAL TECHNOLOGY July-Sep 2012; 3, Issue 3:144-148.
- 24) Dr. Glory Josephine, Dr. Vijaybabu. K, Dr. Punngai .K, Dr. Arul Amutha. E, Dr. **Kavitha R**, Inbaraj .S.D. Effect of acamprosate disulfiram on serum lipid profile in chronic alcoholics. NJBMS 2012 Jul-Sep; 3, issue 1.
- 25) Vijay BabuKaliappan, MD\*, Kumaravelu Punngai, MD\*, SundaramParvathavarthini, MD\*\*, HemaVenkatesan, MD\*\*, Viswanathan Gowri, MD\*\*, **RamaswamyKavitha, MD\*\***, Irudhayajegadeesan Glory Josephine, MD\*\*. A Comparative Study of the Novel Cholesterol Absorption Inhibitor Ezetimibe with Atorvastatin and Atorvastatin Alone in Type II Diabetes Mellitus Patients with Primary Hypercholesterolemia. International Journal of Basic Medical Sciences- April 2010; 1, issue 1: 11-15.

#### Knowledge on

- Drug Development Processes, Clinical Research
- BA/BE studies
- Indian Council of Medical Research - STS project.
- ICH-GCP Guidelines

- Pharmacovigilance
- CPCSEA
- Medical education
- CISP(Curriculum Implementation Support Programme)
- Competency based medical education

### **Conferences / Continuing Medical Education (CME) – Past 5 years**

- Organised CME on Pharmacovigilance & ADR reporting on April 2017 at KIMS.
- **Participated in revised Basic Course Workshop & AETCOM module training on Dec 2017 at CMC vellore.**
- Organised Work shop on zebrafish a Promising model on March 2018 at KIMS.
- Delegate in National workshop on GCP 2018 at Chengalpattu medical college
- Organised CME on Recent advances in management of Drug addiction on Sep 2018 at KIMS.
- **Participated in Curriculum Implementation Support Programme & ATCOM module training on Feb 2019 at CMC vellore**
- Organised National Workshop on GCP at KIMS on April 2019.
- Resource person in CISP Workshop for in house faculties at KIMS on May 2019.
- Participated in Curriculum Implementation Support Programme & AETCOM module training Phase 2 on FEB 2020 at SRMC,porur, Chennai
- Participated in Curriculum Implementation Support Programme & AETCOM module training Phase 2 on JUN 2020 at SRMC,porur,Chennai
- Completed the required online course of study for Competency Based Medical Education (Pharmacology) Between April 2020 to July 2020, MEU India (ONLINE)
- Participated and presented e paper titled "Effect of 3',4'-dihydroxy flavone on Paclitaxel induced chemotherapy in mice" for scientific session in "National conference IPCON 2021" which was held on 25.02.2021
- Completed Basic course in biomedical science (BCBS) with a consolidated score of 92% in April 2021 conducted by NPTEL, ICMR NIE( Online course)

## Presentations as a Resource person/Guest speaker

- Presented a paper titled “Selected bio-chemical and neuro-behavioural evaluation with *Leucas Aspera* in Wistar albino rats” at Annual Conference of SRIPS, Nov-2009, Coimbatore, India
- Facilitator in Basic course workshop in Medical Education Technologies 2013- Delivered Lecture on Teaching and Learning Principles at SMMCH & RI
- Delivered Guest Lecture on “Role of Pharmacology in Dentistry” in Oct-2013 at National UG convention, Saveetha Dental College, Chennai
- Facilitator in Basic course workshop in Medical Education Technologies 2015 - Delivered Lecture on **MCQ & item analysis & OSPE/OSCE** at SMMCH & RI, Chennai.
- Organised CME on Study designs in clinical Research at SMMCH & RI on 26<sup>th</sup> Nov 2015
- Organised CME on Pharmacovigilance & ADR reporting on April 2017 at KIMS.
- Guest speaker on **Chemotherapy against gram positive and gram negative organisms** in ASPIRE 2018 at Sri Ramachandra University.
- Organised Work shop on zebrafish a Promising model on March 2018 at KIMS.
- Delivered lecture on **Ethics in Medical Research** in Research Methodology Work shop 2018 for Post Graduates, KIMS
- Facilitator in Foundation course for I MBBS and CRRRI orientation programme.
- Delivered lecture on **appropriate use of media and effective use of skill lab** in revised basic course work shop on April 2018 and in Microteaching workshop for Post graduates on Feb 2018.
- As a panelist on **National conference on Alternative to animal experimentation** – Pharmaltex 2018 on 12 OCT 2018 at Sri Balaji medical College
- Organised CME on Recent advances in management of Drug addiction on Sep 2018 at KIMS.
- Guest speaker on **Essential medicines and Rational use of medicines** in ASPIRE 2019 at Sri Ramachandra University.
- Organised National Workshop on GCP at KIMS on April 2019.
- Resource person in CISP Workshop for in house faculties at KIMS on May 2019.
- Resource person and panel moderator on **Career aspects for MD pharmacology in clinical pharmacology workshop** at SRMC on SEP 2019



- Resource person as organising secretary and delivered lecture on **Recent advances on CNS pharmacology in ASPIRE2020** at SRMC on FEB 2020
- Delivered lecture on Roles and Responsibilities of Institutional Ethics Committee (IEC), VIRTUAL CME On “**GOOD CLINICAL PRACTICE IN HUMAN RESEARCH**” At Madurai medical college on NOV 2020
- Organising committee member for **webinar on overview of pharmacovigilance -Pivotal role of healthcare professionals in ADR reporting** at SRMC on NOV 2020
- Organising committee member for **PharmQuest 2020** for undergraduates at SRMC on DEC 2020
- Member of Organising team and participated as judge and speaker on **protocol writing and on recent advances** on CNS pharmacology in ASPIRE2021 at SRMC on FEB 2021
- Paper presented on **Effect of 3', 4'-dihydroxy flavone on Paclitaxel induced peripheral neuropathy in mice** on Feb 25 th 2021 in National conference IPCON 21 at Surat Govt medical college.
- Participated as a speaker on **Methods of drug administration in experimental animals** in Add on course on basics of animal experimentation for undergraduates MBBS students at Dhanalakshmi Srinivasan medical college and Hospital, Trichy, TamilNadu on JUN 2021
- Participated as a speaker on **Multidisciplinary approach in protocol writing** at SreeBalaji medical college and Hospital, Chennai, TamilNadu on JULY 2021
- Participated as a speaker on **Pharmacological aspects of Treatment of COVID 19** in CME on COVIDOTHERAPY at ACS medical college and Hospital, Chennai, Tamil Nadu on AUG 2021
- Participated as a speaker on **OSPE/OSCE Concepts and Design in Pharmacology** at National online Learning series II (Pharmacology ) conducted by National Association of Pharmacology and Therapeutics on SEP 2021
- Paper presented on **Effect of 7, 3'-dihydroxy flavone on Paclitaxel induced peripheral neuropathy in mice** on April 13-16, 2022 in Annual National conference APPICON 2021-22
- Participated as a speaker on **Overview of GCP Guidelines and Role of Investigator in Clinical research** in CME on update on GCP & ADR reporting at Tagore medical college and Hospital, Chengalpattu , Tamil Nadu on May 2022

- Organising committee member for **PharmAware** 2022 for Postgraduates of Allied health sciences at SRMC on AUG 2022
- Participated as a speaker on **Safe medication practices in view of commemoration of world patient safety day celebrations** at Meenakshi medical college and Hospital, Kancheepuram, Tamil Nadu on SEP 2022
- Member of Organising team and participated as judge and speaker on **protocol writing and on recent advances** on GIT pharmacology in ASPIRE2021 at SRMC on FEB 2023

### **Examinership**

- Theory and Practical examiner for Vinayaga University, Salem, India
- Theory and Practical examiner for ACS Medical College, Chennai, India
- Observer for University Examination for ACS Medical College, Chennai, India
- Theory and Practical examiner for Meenakshi University, MAHER, Kancheepuram, India
- Theory and Practical examiner for Sri Ramachandra University, Chennai, India
- Theory and Practical examiner for Tamil Nadu Dr MGR Medical University, Chennai, India
- Theory and Practical examiner for Sri Balaji Medical college & Research Institute, Chennai, India
- Theory and Practical examiner for Sri Sathya Sai Medical College & Research Institute, Chennai, India.
- Theory and Practical examiner for Tagore Medical College & Research Institute, Chennai, India.
- Practical examiner for East point medical college, Bangalore, RGU, India
- Practical examiner for MD pharmacology students, Tamil Nadu Dr. MGR Medical University, Chennai & KUHS, Kerala.

### **Professional Membership**

- Member in Board of studies( MBBS), SRMC & RI, India
- Member in Institutional Ethics Committee in VS Hospitals, Chennai, India.
- Member in Institutional Ethics Committee in SIMS Hospital, Chennai, India.
- Member in Institutional Ethics Committee in Medway hospital, Chennai, India.

- Member in professional year phase 2 committee at SRMC, Chennai, India.
- Member in Institution Ethics Committee, ACERT, Chennai, India
- Member in Woman Doctor's Association, Tamil Nadu, Chennai, India
- Member in Indian Pharmacologist Society. (IPS)
- Member in Indian Society for Clinical Research. (ISCR)
- Former Member in Institution Ethical Committee, SMMCH & RI, Chennai, India.
- Former Member in Medical Educational Unit, SMMCH & RI, Chennai, India.
- Member of Editorial Board in World Journal of Pharmaceuticals, International Journal
- Former Member in Institutional Animal Ethics Committee, KIMS
- Former Member Secretary in Pharmacovigilance Committee, KIMS
- Former Member in MEU and Curriculum Committee, KIMS
- Member Secretary in Pharmacovigilance Committee, SRMC
- Life Member of National Association of Pharmacology and Therapeutics.

### **Personal Details**

Date of Birth: 09-Jan-1975

Gender: Female

Father Name: G. Ramasamy

Marital Status: Married