

K.KAMALAKKANNAN M.Pharm., Ph.D
64-B, SRISELVAM NAGAR,
VEERAPPAMPALAYAM PIRIVU,
PERUNDURAI ROAD,
ERODE-638012
TAMILNADU,
INDIA.
Email: car2203@gmail.com
Mobile No: +91-9789502934



EDUCATIONAL QUALIFICATIONS

Name of the course	Subject	Year of Passing	Name of the College/School/Board	Name of the University/Board
Ph D	Biotechnology	2016	-	Anna university, Chennai
M..Pharm	Pharmaceutical Biotechnology	1999	J.S.S College of Pharmacy , Ooty.	The T.N Dr MGR Medical University
B.Pharm	Pharmacy	1996	J.S.S College of Pharmacy , Ooty.	The T.N Dr MGR Medical University

I am presently working as an Professor, Department of Pharmaceutical Biotechnology, Nandha College of Pharmacy, Erode, Tamil Nadu. I am a qualified Pharmaceutical Biotechnologist expertise in the vaccine technology and Molecular Biology. Totally I have 24 years of teaching experiences, which includes 8 years of research and industrial experiences also. I have earned my Ph.D. in the year 2016 from Anna University, Chennai. Presently I am teaching Immunology and Pharmaceutical Microbiology to the Pharm.D students. Recently I received a fund of Rs. 4,52,000/- from **All India Council For Technical Education (AICTE)** for the conduct of a Two weeks **Faculty Development Program (FDP) on Microfluidic systems; A potential platform for rapid analysis of food contaminants**". Sanction order no. **F.No.34-55/291/RIFD/FDP/Policy-1/2017-18 dated 09.01.2019.**

Over the last 12 years, I have adopted many different pedagogical approaches to students of pharmacy ranging from practical to theoretical and research work. Research supervision development often focuses on improving the quality of researcher/ student interactions and outcomes. Hence, academic development activity is usually oriented towards the development of

individual capacities and practices. I developed my teaching philosophy from my own experiences and observations as an assistant to the eminent professors. My teaching is always based on of updated knowledge (by connecting state of art science) and my approach to teaching involves preparation of clear and organized presentation, which can be easily perceived.

TEACHING EXPERIENCE

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|---------------------|---|-------------------------------------|
| 1. Institution Name | : | Nandha College of Pharmacy,Erode-52 |
| Designation | : | Professor |
| Department | : | Pharmaceutical Biotechnology |
| Period | : | From Mar2003 to till date |
| 2. Institution Name | : | K.K. College of Pharmacy |
| Designation | : | Assistant Professor |
| Department | : | Pharmaceutical Biotechnology |
| Period | : | From Mar 1999 to Feb 2003 |

PUBLICATION

1. Vijayabaskaran Manickam ,Ganesh Mani , Rajarajan Muthuvel, Hemalatha Pushparaj, Jayaprakash Jayabalan, Sachin Sivajirao Pandit, Selvaraja Elumalai, **Kamalakkannan Kaliappan**, Jang Huyn Tae, 2024, 'Green fabrication of silver nanoparticles and it's in vitro anti-bacterial, anti-biofilm, free radical scavenging and mushroom tyrosinase efficacy evaluation',*Inorganic Chemistry Communications*, 162 ,112199.
2. Bhusnure Omprakash Gadgeppa, Bhokare Manjusha Raman, Ganesh Mani, Giram Padmaja Sidram, Sachin Sivajirao Pandit, Jayaprakash Jaybalan, **Kamalakkannan Kaliappan**, Hemalatha Pushparaj & Jang Hyun Tae, 2023, 'Phytogenic synthesis of silver nanoparticles using *Achyranthes japonica* root and it's in vitro antimicrobial, antioxidant, and mushroom tyrosinase inhibitions', *Particulate Science and Technology*. DOI: 10.1080/02726351.2023.2205349.

3. **Kamalakkannan, K.** Balakrishnan, V. Sumathi, R. Manikandaprabu, N. 2021, 'DNA Extraction and Quantification of Some Economically Important Fruits in Tamil Nadu', *Journal of Pharmaceutical Research International*, 33(59A), 614-622.
4. **Kamalakkannan, K.** Kiruthiga, N. Balakrishnan, V. Sivakumar, T. Liji Martina, G. Janani, M. Ramya, S. 2021, 'Glycolytic enzyme inhibitory and antiglycation potential of *Gymnema sylvestre* R. Br.: An in silico approach', *Annals of Phytomedicine*, 10(2), 233-239.
5. Mohanraj, KP. **Kamalakkannan, K.** Arun, K, NoveenaRao, P. 2021, 'Nurses perspective on caring HIV patient', *HIV Nursing*, 21(2), 89-91.
6. Girimurugan, R. Pon.Maheskumar, Adithya, K. **Kamalakkannan, K.** 2021, 'Water Absorption Behaviour of Tamarind Shell Powder and Marble Dust Particles Reinforced Hybrid Bio-Composites', *International Journal of Mechanical Engineering*, 6(3), 1073-1078.
7. **Kamalakkannan, K.** Lathamani, L. Munisha, M. Keerthika, S. Balakrishnan, V.2021, 'Extra Cellular Lipase from Oil Industry Waste: Activity and Kinetics', *International Journal of Pharma Research*, 12 (2), 102-108.
8. **Kamalakkannan, K.** Balakrishnan, V. Arul Raj, R. Deivani, AR. Poongothai, S. 2018, 'Inhibitory Action of Sodium Tellurite on Uropathogenic Bacteria', *Research & Reviews: A Journal of Microbiology and Virology*, 8(2), 6-10.
9. **Kamalakkannan, K.** and Balakrishnan, V. 2015, 'Studies on the effect of antidiabetic activity of *Achyranthes aspera* L.on alloxan induced wistar rats', *International Journal of Pharmacy and Pharmaceutical Sciences*, 7, 61-64.
10. Badhe Manisha, **Kamalakkannan, K.** Chaudhari Yogesh, Harshal Pawar. 2014, 'Isolation and production of bioactive molecule from marine bacteria associated with sponges and ascidians and its screening for antimicrobial potential', *International Journal of chemical and pharmaceutical analysis*, 1(3), 68-74.
11. **Kamalakkannan, K.** and Balakrishnan, V. 2014, 'Antioxidant and hepatoprotective activity of ethanolic and aqueous extracts of *Limonia elephantum* leaves', *Bangladesh Journal of Pharmacology*, 9, 383-388.

12. **Kamalakkannan, K.** and Balakrishnan, V. 2014, 'Hypoglycemic activity of aqueous leaf extract of *Limonia elephantum* in alloxan-induced diabetic rats', *Bangladesh Journal of Pharmacology*, 9, 443-446.
13. Santhosh Kumar, C. Chiranjib Bhattacharjee, Subal Debnath, Atul N Chandu, Kamalakkannan, K. 2011, 'Remedial effect of *Phyllanthus acidus* against Bleomycin provoked Pneumopathy', *Pharmacologyonline*, 1, 317-325.
14. **Kamalakkannan, K.** Balakrishnan, V. 2009, 'Ethnobotanical studies on *Achyranthes aspera* L. among the folk people of Tamil Nadu, South India', *Journal of Phytology*, 1(2), 108-111.
15. SivaKumar, T. Srinivasan, K. Rajavel, R. Vasudevan, M. Ganesh, M. **Kamalakkannan, K.** Mallika, P. 2009, 'Isolation of chemical constituents from *Prosopis juliflora* bark and anti-inflammatory activity of its methanolic extracts', *Journal of Pharmacy Research*, 2(3), 551-556.
16. Mani Ganesh, Satish Uppatyay, Rishi Tivari, **Kaliappan Kamalakkannan**, Govindasamy Rathinavel, Swastika Ganguly, Thangavel Sivakumar. 2009, 'Quantitation of alfuzosin hydrochloride in pharmaceutical formulations by RP-HPLC', *Pakistan journal of pharmaceutical sciences*, 22(3), 263-266.
17. Saravanakumar, A. Sunita Minz, Madhulika Pradhan, Pavani Sure, Atul N Chandu, Umesh Mishra, **Kamalakkannan, K.** Sivakumar, T. 2008, 'Polylactic acid microspheres as a potential vaccine delivery system for the tetanus toxoid: Preparation and in vitro dissolution study', *Research Journal of Pharmacy and Technology*, 1(4), 453-459.
18. **Kamalakkannan, K.** Kumar, U. Kandpal, KC. Minz, S. Pradhan, M. Saravanakumar A. Sivakumar, T. 2008, 'Isolation and screening of endophytic actinomycetes producing anti bacterial compound from different parts of *Citrus aurantifolia*', *Research Journal of Pharmacy and Technology*, 1(2), 112-115.
19. Ganesh, M. **Kamalakkannan, K.** Rahul Patil, Upadhyay, S. Anand Sriatsva, Siva Kumar T. Swastika Ganguly, 2008, 'A validated UV Spectrophotometric method for the determination of **Letrazole** in bulk and solid dosage form', *Rasayan Journal of Chemistry*, 1(1), 55-58.

20. Mani Ganesh, Mani Vasudevan, **Kaliappan Kamalakannan**, Saravana Kumar, A. Mari Vinoba, Swastika Ganguly, Thangavelu Sivakumar, 2008, 'Anti-inflammatory and Analgesic Effects of *Pongamia glabra* Leaf Gall Extract', *Pharmacology online*, 1, 497-512.
21. Umeshkumar, **Kamalakannan, K.** Kumud Chandra Kanpal, Mayor, Atul chandu, Sunitha, Saravana kumar, A. Saravanan, T. Sivakumar. T.2008, 'Treatment of Asthma with the help of ayurvedic therapy in India' , *E-Zine Articles*, 1-10.
22. Saravana kumar, A. Avijit Mazumder, Vanitha, J. Venkateshwaran, K. **Kamalakannan, K.** Sivakumar, T. 2008, 'Evaluation of antioxidant activity, phenol and flavonoid contents of some selected medicinal plants', *Phcog Mag* , 4(13),143-147.
23. Kumud Chandrakandpal, Saravanan, T. Umeshkumar, Britya, NV. Sunitha, **Kamalakannan, K.** Saravanakumar A. Sivakumar. T. 2008, 'Neonantal Tetanus: A Review' , *E-Zine Articles*, 1-3.
24. Madhulika Pradhan, Sribhuwaneswari, S. Karthikeyan, D. Sunita Minz, Pavani Sure, Atul Chandu, N. Umesh Mishra, **Kamalakannan, K.** Saravanankumar, A. Sivakumar, T. 2008, 'In-vitro cytoprotection activity of *Foeniculum vulgare* and *Helicteres isora* in cultured human blood lymphocytes and antitumour activity against B16F10 melanoma cell line', *Research Journal of Pharmacy and Technology*, 1(4), 450-452.
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26. Ganesh, M. Narasimharao, CV. Saravana Kumar, A. **Kamalakannan, K.** Vinoba, M. Mahajan, HS. Sivakumar, T. 2007, 'UV spectrophotometric method for the estimation of valacyclovir HCL in tablet dosage form', *E-journal of chemistry*, 6(3),814-818.