



Dr. V. K. LANGESWARAN
Assistant Professor

Contact

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Academic Qualifications: M.Sc., Ph.D.

**PhD (Molecular Biology - Pharmacology
Environmental Toxicology)**
(2007 – 2010) **Department of Pharmacology & ET**
Institute of Basic Medical Sciences,
University of Madras

M.Sc. (Molecular Biology)
(2003 – 2005) **Department of Genetics,**
Institute of Basic Medical Sciences,
University of Madras

B.Sc. (Microbiology)
(1999 – 2002) **Department of Microbiology,**
Kandaswamy Kandari's College,
Periyar University

Teaching Experience: 6Years

Position	Department & Institution	Duration
Assistant Professor	Department of Industrial Biotechnology,	From 22 nd Nov 2010

	BHARATH UNIVERSITY, CHENNAI	to 30 th Jun 2012
Assistant Professor	Department of Biotechnology, SIVAGAMIAMMAL COLLEGE OF ARTS & SCIENCE, KRISHNAGIRI	From 1 st Aug 2012 to 29 th Aug 2014
Assistant Professor	Department of Microbiology, IMAYAM ARTS & SCIENCE COLLEGE FOR WOMEN, THURAIYUR	From 3 rd Nov 2014 to 30 th Nov 2015
Assistant Professor	Department of Bioinformatics, Science Campus, Alagappa University, Karaikudi	From 1 st Feb 2016 to Till Date

Research Experience: 9 Years

Additional Responsibilities

- Member in Department Purchase Committee
- Member in Examination Board
- Member in Department Purchase Committee
- Member in Department Research Committee
- Co-ordinator for Mentor/Mentee report
- Co-ordinator for Coaching for competitive Exams (NET/SET/GATE)
- Co-ordinator for Vivekananda Cadet Crops
- Member in Department Research Committee (DRC)

Areas of Research

Molecular Oncology, Environmental Toxicology

Research Supervision / Guidance

	Program of Study	Completed	Ongoing
Research	Ph.D.	Nil	
	M.Phil.	Nil	
Project	PG		2
	UG / Others	Nil	

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Monographs
19	1	Nil	1	5

Cumulative Impact Factor (as per JCR) :	17.230
h-index :	6
i10 index :	4
Total Citations :	112

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	Nil				
2					

Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	UGC	2016	2018	Anti-proliferative and Cytotoxic efficiency of Fucoxanthin on human hepatoma cell line – An <i>In vitro</i> approach	10.00
2	AURF	2017	2019	Evaluation of therapeutic significance of marine macro alga <i>Ulva fasciata</i> Delile in Human Hepatoma cell line (HepG2)	1.00

Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	Nil				
2					

Others

Note: Budget must be rounded to two decimal places

Patents

Nil

Distinctive Achievements / Awards

Events organized in leading roles

Nil

Events Participated

Conferences / Seminars / Workshops:

WORKSHOP PARTICIPATE

1. **JAN 2008** Workshop on “Thesis Writing and Scientific Paper Publishing” Conducted by Science City, Tamilnadu Government, Chennai.
2. **MAY 2008** Training on Chromatography and Molecular Biology Techniques organized by the school of Biotechnology, Chemical and Biomedical Engineering, VIT University, Vellore.
3. **APR 2009** Participated in the workshop on “PATENT AWARENESS” organized by the patent information cell, University of Madras in association with Tamil Nadu state council for science & technology held at Guindy campus of the University of Madras.
4. **MAR 2011** International Symposium & Workshop on “The Current Trends in Clinical Genetics and Genomic Medicine” held at Chettinad University, approved by National Academy of Medical Sciences, India.
5. **MAR 2012** Participated in the one day technical workshop on “Recent Advancements in PCR” organized by the Department of Industrial Biotechnology, Bharath University, Chennai.
6. **FEB 2012** Participated in workshop on Ajax enabled web applications conducted by Bharath University, Chennai.
7. **SEP 2016** International workshop on “Molecular Physiology, Therapeutics and Experimental Medicine” (MPTM 2016) organized by Department of Animal Health and Management, Alagappa University, Karaikudi.
8. **SEP 2016** International workshop on “Data Science & Analytics” organized by Department of Computer Science, Alagappa University, Karaikudi.

9. **Dec 2016** National Level Workshop on Gas Chromatography (GC- DMB – 2016) organized by Department of Microbiology, Alagappa University, Karaikudi.

CONFERENCE & SYMPOSIUM ATTENDED

1. **FEB 2004** Indo-Australian conference on “Biotechnology in medicine” held at Indian Institute of Science, Bangalore.
2. **JUL 2004** Awareness programme on “Applications of Radioisotopes and radiation technology for societal development” held at Anna University, Chennai.
3. **FEB 2007** National conference on “Genomics: Impact on human health” held at Andhra Pradesh Akademi of sciences, Hyderabad.
4. **MAR 2007** National seminar on “Current trends in Nanotoxicology” held at department of Pharmacology and Environmental Toxicology, University of Madras, Chennai.
5. **AUG 2007** Science seminar “Basic sciences: Scope and hope” organized by University of Madras, Chennai.
6. **NOV 2008** 1ST International stem cell summit India, organized by the Indian Institute of Technology Madras & Lifeline Hospitals, held at IITM, Chennai.
7. **FEB 2009** One day seminar on “Stress Management” held at Dr.ALM Post Graduate Institute of Basic Medical Sciences, University of Madras, Sekkizhar Campus, Chennai.
8. **MAR 2011** National conference on “Recent biotechnological perspectives in human diseases and therapeutics” held at Bharath University.
9. **MAR 2011** International conference on “Emerging trends in Bio-Engineering” held at Bharath University.
10. **AUG 2011** International Seminar on Fermentation Technology conducted by Department of Industrial Biotechnology, Bharath University, Chennai.
11. **SEP 2011** Faculty development programme conducted by Department of Industrial Biotechnology, Bharath University, Chennai.
12. **Sep 2014** International Fertility Colloquium 2014 conducted by Chettiand Hospital and Research Institute, Kelambakkam, Chennai.
13. **Mar 2015** National Symposium on “Genomics and Human Health” conducted by Department of Genetics, Institute of Basic Medical Sciences, Taramani, Chennai-113.
14. **APR 2016** International Conference on “Recent Trends in Biosciences” (ICRTB 2016) organized by the Biosciences Departments, Science Campus, Alagappa University, Karaikudi.

15. **OCT 2016** World Animal Day organized by Department of Animal Health & Management, Science Campus, Alagappa University, Karaikudi.

16. **Dec 2016** Participated in International conference on “Recent Trends in Microbiology (RTM - 2016)” conducted by Department of Microbiology, Science campus, Alagappa University, Karaikudi.

Other Training Programs

1. Nil

Overseas Exposure / Visits

Nil

Membership in

Professional Bodies

1. Indian Association of Biomedical Scientists (Life Member)
2. National Academy of Biological Sciences (Life Member)
3. Society of Biological Chemist, India (Life Member)
4. The Indian Science Congress Association (Life Member)

Editorial Board

1. Nil

Advisory Board

1. Nil

Academic Bodies (such as Board of Studies etc.,)

1. Nil

Others

1. Nil

Resource persons in various capacities

Number of Invited / Special Lectures delivered: Nil

Others

1. Articles published in Newspapers / Magazines : Nil

2. Products developed : Nil
3. No. of PhD Thesis evaluated : Nil
4. No. of PhD Public Viva Voce Examination conducted : Nil
5. Sequences submitted in GenBank

**Social Interests and Initiatives / Articles in News papers etc can also be included

Recent Publications

Paper Published

1. Revathy R, **Langeswaran K**, Ponnulakshmi R, Balasubramanian MP, Selvaraj J (2017). Ipomoea batatas Tuber Efficiency on Bisphenol A-induced Male Reproductive Toxicity in Sprague Dawley Rats. Journal of Biologically Active Products from Nature. 2017; 7(2): 118 – 13.

Monograph Published

1. Perumal Srinivasan, **Langeswaran Kulanthaivel**. 2017. Therapeutic strategies of Diosmin – An Experimental approach. Academic Publishing GmbH & Co. KG, Germany. **(ISBN No: 978-3-330-03503-4)**.

Book Chapter

1. Chapter Title: Nutraceutical Therapeutics against Cancer **(Book Title: Cancer versus Nutraceuticals)**. **Publisher: Nova Science Publishers. ISBN: 978-1-53612-529-0. Pub. Date: 2017 - 4th Quarter**