

RESUME



Dr P. Pandikumar
Senior Scientist
Xavier Research Foundation
St Xavier's College, Palayamkottai, Tirunelveli 627 002.

PERSONAL DETAILS

Date of Birth : 15th May, 1979
Qualification : M.Sc., Ph.D.
Designation : Senior Scientist
Department : Xavier Research Foundation
Community : OBC
Religion : Hindu
Nationality : Indian
Mobile : 9486467652; 8610768157
Email ID : pandikumarperumal@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc.	Botany	Kongu Nadu College of Arts & Science, Coimbatore	Bharathiar University	1999
M.Sc.	Botany	Kongu Nadu College of Arts & Science, Coimbatore	Bharathiar University	2001
Ph.D.	Botany - Entomology	Entomology Research Institute, Loyola College, Chennai	University of Madras	2012

ACADEMIC IDENTITY

*VIDWAN ID	https://vidwan.inflibnet.ac.in/profile/245559
*ORCID ID	0000-0002-1643-7325
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	I-6144-2019
GOOGLE SCHOLAR LINK	https://scholar.google.co.in/citations?user=IqbtddUAAA&hl=en

TEACHING EXPERIENCE

Date of Appointment	01.02.2020
Date of Retirement	31.03.2039
Teaching Experience	UG: Nil
	PG: Nil
	M.Phil.: Nil
Research	Guided M Phil: 0 Guided Ph D: 0 Guiding PhD Scholar: 0

COURSES/CLAS SES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	

AWARDS RECEIVED	
1.	Loyola Research Day Award 2017-18 (patens/technology transfer)
2.	Loyola Research Day Award 2018-19 (patens/technology transfer)

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR

MEMBERSHIP		
S. No	Designation	Particulars
1.	Member	Institutional Human Ethics Committee, Central Research Institute for Siddha, Chennai – 600 101 (2018 – till date)
2.	CPCSEA Nominee (Scientist)	CPCSEA, MoEF&CC, New Delhi (2016 – 2022)

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Training program for CPCSEA Nominee (Scientist)	National Institute for Animal Welfare (MoEF)	Faridabad – 121004 19 – 21 st April, 2016
2	Collaborative Indo-Swiss workshop on GCP and clinical trials of Traditional medicines	National Institute of Epidemiology (ICMR) & Swiss Tropical and Public Health Institute	Chennai – 600 077 18 – 22 nd January, 2010
3	Non-invasive techniques in small laboratory animal physiology	National Centre for Laboratory Animal Sciences, National Institute of Nutrition (ICMR)	Hyderabad – 500 007. 15 – 19 th December, 2009

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D.	Evaluation of the antidiabetic activity of selected medicinal plants used by the <i>Kani</i> tribal people	Entomology Research Institute, Loyola College (University of Madras)

AREAS OF RESEARCH

<i>Siddha</i> system of traditional medicine
Identification of bioactive natural products
Metabolic disorders
Functional foods
Indian Medicinal plants

RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration
1.	Isolation and characterization of active constituents from <i>Tricholoma giganteum</i> Masee., for the treatment of Non-alcoholic Fatty Liver Disease	SERB (14.5 lakhs)	2018-2021
2.	Quantitative ethnomedical studies on the medicinal foods used in Tiruvallur district for obesity and development anti-obese nutraceuticals	Times of India – Loyola College Research Grant (30.0 lakhs)	2014 - 2017

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
3	0	38		
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
0	0	0	0	

PUBLICATIONS: BOOKS (3)				
S. No	Title of the Book	Publication	Year	
1	நாட்டார் மற்றும் மலையக மக்களின் அனுபவ மருத்துவ முறைகள்	B. Rathina Nayagar & Sons	2019	
2	அனுபவ சித்த மருத்துவ முறைகள்	B. Rathina Nayagar & Sons	2016	
3	தேனி, விருதுநகர், திருநெல்வேலி மாவட்ட பாரம்பரிய மருத்துவ முலிகைகள்	Entomology Research Institute, Loyola College	2011	

BOOK CHAPTERS (0)			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No

PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
	In vitro growth inhibitory effect of selected 18β-glycyrrhetic acid esters on <i>Theileria annulata</i>	Experimental Parasitology	2022;236-237:108258 (IF: 2.132)
	Ameliorative effect of mangiferin on high fat diet - Diethylnitrosamine induced non-alcoholic steatohepatitis rats	Biocatalysis and Agricultural Biotechnology	2022;41:102312
	Hepatoprotective effect of selected isoandrographolide	European Journal of Pharmacology	2021;899:174056 (IF: 5.195)

	derivatives on steatotic HepG2 cells and High Fat Diet fed rats		
	Quantitative analysis of medicinal plants used to treat musculoskeletal ailments by non-institutionally trained siddha practitioners of Virudhunagar district, Tamil Nadu, India	Journal of Ayurveda and Integrative Medicine	2021;12(1):58-64
	Synthesis, characterization, in silico and in vitro biological activity studies of Ru(II) (η^6 p-cymene) complexes with novel <i>N</i> -dibenzosuberene substituted aryl selenourea exhibiting Se type coordination	Research on Chemical Intermediates	2020;46:3853-77 (IF: 3.134)
	Antihyperlipidemic effect of iridoid glycoside deacetylasperulosidic acid isolated from the seeds of <i>Spermacoce hispida</i> L. - a traditional antiobesity herb	Journal of Ethnopharmacology	2019;245:112170 (IF: 5.195)
	Hepatoprotective effect of bisbenzylisoquinoline alkaloid tiliamosine from <i>Tiliacora racemosa</i> in high-fat diet/diethylnitrosamine-induced non-alcoholic steatohepatitis	Biomedicine and Pharmacotherapy	2018;108:963-973 (IF: 7.419)
	Curative effect of arjunolic acid from <i>Terminalia arjuna</i> in non-alcoholic fatty liver disease models	Biomedicine and Pharmacotherapy	2018;107:979-988 (IF: 7.419)
	A study on food-medicine continuum among the non-institutionally trained <i>Siddha</i> practitioners of Tiruvallur district, Tamil Nadu, India	Journal of Ethnobiology and Ethnomedicine	2018;14:45 (IF: 3.402)
	Hepatoprotective effect of lawsone on rifampicin-isoniazid induced hepatotoxicity in <i>in vitro</i> and <i>in vivo</i>	Environmental Toxicology and Pharmacology	2018;61:87-94 (IF: 5.785)

	models		
	Traditionally practiced medicinal plant extracts inhibit the ergosterol biosynthesis of clinically isolated dermatophytic pathogens	Journal de Mycologie Medicale	2018;28(1):143-149 (IF: 3.746)
	Effect of two andrographolide derivatives on cellular and rodent models of non-alcoholic fatty liver disease	Biomedicine and Pharmacotherapy	2017;95:402-14 (IF: 7.419)
	Antihyperlipidemic and hepatoprotective effects of Gardenin A in cellular and high fat diet fed rodent models	Chemico Biological Interactions	2017;269:9-17 (IF: 5.168)
	Quantification of ethno-dietetic knowledge among Non-institutionally trained Siddha practitioners of Virudhunagar district of Tamil Nadu, India	Journal of Ethnic Foods	2016;3:263-69
	Hepatoprotective effect of <i>Tricholoma giganteum</i> Masee extract in Non-Alcoholic Fatty Liver Disease rat model	International Journal of Medicinal Mushrooms	2016;18(8):661-669 (IF: 1.921)
	Quantitative ethnomedicinal survey of medicinal plants given for Cardiometabolic diseases by the non-institutionally trained Siddha practitioners of Tiruvallur district, Tamil Nadu, India	Journal of Ethnopharmacology	2016;186:329-42 (IF: 5.195)
	Effect of active sub-fraction of <i>Ichnocarpus frutescens</i> (L.) R.Br. in the management of obesity	Journal of Ethnopharmacology	2015;177:117-25 (IF: 5.195)
	Anticaries potential of ethnomedicinal plants used by Malayali tribals from Kolli Hills, India	Indian Journal of Natural Products and Resources	2015;15(1):109-115 (IF: 0.600)
	Lipolytic and antiadipogenic effects of (3,3-dimethylallyl) halfordinol on 3T3-L1 adipocytes and High Fat	European Journal of Pharmacology	2014;740:714-21 (IF: 5.195)

	and Fructose Diet induced obese C57/BL6J mice		
	Consensus analysis of <i>sastric</i> formulations used by the non-Institutionally trained <i>siddha</i> medical practitioners of Virudhunagar and Tirunelveli Districts of Tamil Nadu, India	Journal of Ethnopharmacology	2014;153(1):290-296 (IF: 5.195)
	Documentation and quantitative analysis of local ethnozoological knowledge among traditional healers of Theni district, Tamil Nadu, India	Journal of Ethnopharmacology	2014;154:116-130 (IF: 5.195)
	<i>In vivo</i> and <i>in vitro</i> immunomodulatory potential of swertiamarin isolated from <i>Enicostema axillare</i> (Lam.) A. Raynal that exerts as an anti-inflammatory agent	Inflammation	2014;37(5):1374-88 (IF: 4.657)
	Swertiamarin attenuates inflammation mediators via modulating NF- κ B/I κ B and JAK2/STAT3 transcription factors in adjuvant induced arthritis	European Journal of Pharmaceutical Sciences	2014;56C:70-86 (IF: 5.122)
	Anti-inflammatory and anti-arthritic effects of 3-hydroxy, 2-methoxy sodium butanoate from the leaves of <i>Clerodendrum phlomidis</i> L.f.	Inflammation Research	2013;63(2):127-138 (IF: 6.986)
	Hepatoprotective role of <i>Abelmoschus esculentus</i> (Linn.) Moench., on carbon tetrachloride-induced liver injury	Toxicology Mechanisms and Methods	2013;23(7):528-536 (IF: 4.019)
	Quantitative ethnobotany of traditional <i>Siddha</i> medical practitioners from Radhapuram <i>taluk</i> of Tirunelveli District,	Journal of Ethnopharmacology	2012;143(2):540-547 (IF: 5.195)

	Tamil Nadu, India		
	Immunomodulatory potential of <i>Enicostema axillare</i> (Lam.) A. Raynal, a traditional medicinal plant	Journal of Ethnopharmacology	2012;140(2):239-246 (IF: 5.195)
	Therapeutic effect of <i>Saraca asoca</i> (Roxb.) Wilde on lysosomal enzymes and collagen metabolism in adjuvant induced arthritis	Inflammopharmacology	2011;19:317-325 (IF: 5.093)
	Lysosomal membrane stabilizing and anti-inflammatory effect of <i>Clerodendrum phlomidis</i> L.f., an ethnomedicinal plant	Journal of Ethnopharmacology	2011;135:779-785 (IF: 5.195).
	Isolation and characterization of putative probiotic bacterial strain, <i>Bacillus amyloliquefaciens</i> , from North East Himalayan soil based on in vitro and in vivo functional properties	Probiotics and Antimicrobial Proteins	2011;3:175-185 (IF: 5.265).
	Documentation and quantitative analysis of the local knowledge on medicinal plants among traditional <i>Siddha</i> healers in Virudhunagar district of Tamil Nadu, India	Journal of Ethnopharmacology	2011;137:523-533 (IF: 5.195).
	Consensus of local knowledge on medicinal plants among traditional healers in Mayiladumparai block of Theni District, Tamil Nadu, India.	Journal of Ethnopharmacology	2011;134:354-362 (IF: 5.195).
	Antioxidant and Free radical scavenging activities of common wild greens from Tiruvallur District of Tamil Nadu, India.	Indian Journal of Natural products and Resources	2011;2(2):156-163 (IF: 0.545).
	Antihyperlipidemic activity of <i>Ichnocarpus frutescens</i> (L.) R.Br. in	Pharmaceutical Biology	2011;49(10):1074-1081 (IF: 3.889).

	triton WR-1339 and high fat diet induced animals		
	Anti-inflammatory activity of <i>Albizia lebbek</i> Benth., an ethnomedicinal plant, in acute and chronic animal models of inflammation	Journal of Ethnopharmacology	2009;125(2):356-360 (IF: 5.195).
	Hypoglycemic and antihyperglycemic effect of <i>Begonia malabarica</i> Lam. in normal and streptozotocin induced diabetic rats	Journal of Ethnopharmacology	2009;124(1):111-115 (IF: 5.195).
	Medicinal plants used by the <i>Malasar</i> tribes of Coimbatore District, Tamil Nadu	Indian Journal of Traditional Knowledge	2007;6(4):579-582 (IF: 1.01).
	Additions to the grass flora of Tamil Nadu	Journal of the Bombay Natural History Society	2005;102:362–65 (IF: 0.207).

Date:

Name: P. Pandikumar