

Prof. A. VIJAYA ANAND

PROFESSOR

DEPARTMENT OF HUMAN GENETICS AND MOLECULAR BIOLOGY

BHARATHIAR UNIVERSITY

COIMBATORE – 641 046

**ACADEMIC QUALIFICATION**

- Ph.D., Biochemistry, Bharathidasan University, Tiruchirappalli
- M.Phil., Biotechnology, Bharathidasan University, Tiruchirappalli
- M.Sc., Biochemistry, Bharathidasan University, Tiruchirappalli
- DMLT, PGDCA and PGDBI

PROFESSIONAL EXPERIENCE

NAME OF THE POST	ORGANIZATION / UNIVERSITY	PERIOD OF EMPLOYMENT			
		FROM	TO	YEARS	MONTHS
Professor	Bharathiar University	28-06-2019	Till date	-	-
Associate Professor	Bharathiar University	04-05-2015	27-06-2019	04	01
Associate Professor	M.I.E.T. Engineering College	17-09-2012	30-04-2015	02	08
Assistant Professor	M.I.E.T. Arts and Science College	04-02-1999	16-09-2012	13	07

THRUST AREA

The broad field of my research is Phyto-therapeutics and our group has been in practice for several years. In this particular field, we are focusing on the use of medicinal plants and their clinical importance through biochemistry approaches. In which, the beneficiary aspects of clinical biochemistry have paved the ways in the development of Pharmacognosy. Further, we have put efforts to combine the examination of biochemical compounds, isolated from Phyto-therapeutic plants, towards the genetic aspects with the help of in vivo approaches. Herein, it can elucidate the impact of the isolated biochemical compounds on the subjects at a molecular genetics level in terms of epigenetic studies and also perceive new insights over the analytical studies.

RESPONSIBILITIES (AFTER 2015)

- Head of the Department, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore, 11.12.2015 to 17.05.2020.
- Chairman of Board of Study, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore, From 1st January 2018 to 31st December 2020.

- Standing Committee Member, Bharathiar University, Coimbatore, Since 2016.
- Senate Member, Bharathiar University, Coimbatore, Since 2015.
- Chief Superintendent, PG Semester Examinations, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore, Since 2016.
- Nominee to the College Committee, Sri Ramalinga Sowdambigai College of Science and Commerce, Coimbatore, 18th November 2017 to 17th November 2020.
- Chair Person, Passing Board for the Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore, Since 2016.
- Member of Documents Verification Committee for conducting the NAAC Peer Team Visit, Bharathiar University, Coimbatore, 21st to 23rd March 2016.
- Member of Human Ethical Committee, Bharathiar University, Coimbatore, Since 2017.
- Observer, Tamil Nadu State Eligibility Test conducted by Mother Teresa Women's University, Kodaikanal, at Government Arts College (Autonomous), Coimbatore on 23rd April 2017.

ACADEMIC BODIES (BOARD OF STUDIES, SELECTION BOARD, ADVISORY BOARD, EXTERNAL REVIEWER) (AFTER 2015)

- Bos External Member, Department of Biomedical Engineering, Noorul Islam Centre for Higher Education, Nagarkovil, Since 2016.
- Subject Expert, Department of Biochemistry and Biotechnology, SRF position in ICMR project, Annamalai University, Annamalai Nagar, 15th April 2016.
- Subject Expert, Department of Biochemistry and Biotechnology, SRF position in ICMR project, Annamalai University, Annamalai Nagar, 1st September 2017.
- Subject Expert, Various positions like JRF, RA, etc., of Department Human Genetics and Molecular Biology, Bharathiar University, Coimbatore, Since 2017.
- Bos External Member, Department of Biomedical Instrumentation, Noorul Islam Centre for Higher Education, Nagarkovil, Since 2019.
- Bos Member, Department of Cardiac Care Technology, Noorul Islam Centre for Higher Education, Nagarkovil, Since 2019.
- Bos External Member, Department of Renal Dialysis Technology, Noorul Islam Centre for Higher Education, Nagarkovil, Since 2019.
- Bos External Member, Department of Perfusion Technology, Noorul Islam Centre for Higher Education, Nagarkovil, Since 2019.
- Bos External Member of the Department of Human Genetics and Molecular Biology, Noorul Islam Centre for Higher Education, Nagarkovil, Since 2019.
- External Reviewer, Associateships Annual Report Progress, Indian Council of Medical Research, Division of Socio-Behavioural & Health Systems Research – Senior Research Fellowships and Research, New Delhi, 2019.
- External Reviewer, Core Research Grant Scheme, Science and Engineering Research Board (SERB), New Delhi, 2019 and 2020.
- External Examiner, Ph.D., Viva-Voce examinations: Bharathiar University, Bharathidasan University, Vellore Institute of Technology and Annamalai University (40 Nos.).
- External Examiner, Ph.D., Thesis evaluation: Bharathiar University, Manonmaniam Sundaranar University, Vellore Institute of Technology and Annamalai University (9 Nos.) and Thesis evaluation, Cairo University, Egypt's (2 Nos.).
- Doctoral Committee Member: Bharathiar University, Bharathidasan University and Vellore Institute of Technology.
- Question Paper Setters: Bharathidasan University, Madurai Kamaraj University, Periyar Maniammai University, Srimad Andavan Arts and Science College (Autonomous), Jamal Mohamed College (Autonomous), St. Joseph College (Autonomous), Bishop Heber College (Autonomous), ADM College for Women (Autonomous) and PSG College of Arts and Science.
- Presiding Officer, General Elections to Tamil Nadu Legislative Assembly 2016.

- Invited as a Preliminary Committee Member (subject expert) for Shastri Indo-Canadian Institute programmes/fellowship/scholarship and grants under the MHRD, Government of India and served as a reviewer for two postdoctoral fellowship award in 2019.
- Invited as a Panel Member Global Survey of Academic Opinion (QS Ranking) from King Saud University, Kingdom of Saudi Arabia in 2018, 2019, 2020 n 2021 also served as an Expert in QS World University Ranking in 2019.
- Invited as a Preliminary Committee Member (subject expert) for Shastri Indo-Canadian Institute programmes/fellowship/scholarship and grants under the MHRD, Government of India and served as a reviewer for three postdoctoral fellowship award 2020.
- Presiding Officer, General Elections to Tamil Nadu Legislative Assembly 2021.
- Bos External Member, Department of Biochemistry with DMLT and Microbiology with DMLT, SASTRA Deemed to be University, Kumbakonam, in 2021.
- Bos External Member, Department of Biotechnology, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai, in 2021.

EVENTS ORGANIZED IN A LEADING ROLE (AFTER 2015)

CONFERENCES / SEMINARS / WORKSHOP / AWARENESS PROGRAMME

TITLE OF THE EVENT	ORGANIZATION / UNIVERSITY	DATE	ROLE
One day Awareness Program on Diabetes	Bharathiar University, Coimbatore	14-11-2016	Organizing Secretary
Two days National Conference on Insights of Genetics in Molecular Medicine (IGMM' 2017)	Bharathiar University, Coimbatore	09-03-2017 to 10-03-2017	Convener
One day Awareness Program on Down Syndrome	Bharathiar University, Coimbatore	17-03-2017	Convener
Three days International Conference on Environment, Health Diseases (EGHD' 2017)	Bharathiar University, Coimbatore	22-08-2017 to 24-08-2017	Convener
One day Awareness Program on Diabetes	Bharathiar University, Coimbatore	20-12-2017	Organizing Secretary
Three days International Conference on Science and Humanities for Grooming the Future: An Interdisciplinary Approach (ICSHI' 2017)	Bharathiar University, Coimbatore	07-02-2018 to 09-02-2018	Organizing Secretary
Two days Workshop on Immunotechniques	Bharathiar University, Coimbatore	05-03-2018 to 06-03-2018	Organizing Secretary
Two days Workshop on Mol-Biotechnology	Bharathiar University, Coimbatore	12-03-2018 to 13-03-2018	Organizing Secretary
One day Awareness Program on Down Syndrome	Bharathiar University, Coimbatore	21-03-2018	Convener
Two days National Conference on Biology and Medicine (NCBM' 2019)	Bharathiar University, Coimbatore	07-02-2019 to 08-02-2019	Convener

One day Workshop on Remedial Formulation	Bharathiar University, Coimbatore	11-03-2019	Organizing Secretary
One day Awareness Program on Down Syndrome	Bharathiar University, Coimbatore	21-03-2019	Convener
Three days Workshop and Hands-on-Training on Bio-Tools	Bharathiar University, Coimbatore	20-05-2019 to 22-05-2019	Organizing Secretary
Three days CE Basics: Sanger Sequencing and Fragment Analysis - II	Bharathiar University, Coimbatore	21-12-2021 to 23-12-2021	Co-ordinator
Four days Webinar on Genetic Disease and Disorders	Bharathiar University, Coimbatore	16-03-2021 to 19-03-2021	Organizing Secretary
Two Days Hands-on Training Program on DNA Sequencing	Bharathiar University, Coimbatore	22-03-2021 to 23-03-2021	Co-ordinator

RESOURCE PERSON / SESSION CHAIR / ORGANIZING MEMBER

TITLE OF THE EVENT	ORGANIZATION / UNIVERSITY	DATE	ROLE
One day National Seminar on Virtual Learning Platforms in Higher Education: Developments, Directions, Issues and Challenges	Bharathiar University, Coimbatore	22-12-2016	Session Chair
One day Cancer Awareness Day Program	Bharathiar University, Coimbatore	06-02-2017	Organizing Member
One day State level Seminar on New Challenges in The Present Era of Biological Research	Holy Cross College, Tiruchirappalli	22-02-2017	Resource Person
One day Autism Awareness Day Program	Bharathiar University, Coimbatore	03-04-2017	Organizing Member
One day State level Colloquium on Biotechnology	Sri Paramakalayni College, Alwarkurichi	11-08-2017	Resource Person
Three days International Conference on Environment, Genes, Health Diseases (EGHD' 2017)	Bharathiar University, Coimbatore	22-08-2017 to 24-08-2017	Session Chair
One day International Workshop on Biochemical & Bioinformatics Techniques	Shrimati Indira Gandhi College, Tiruchirappalli	05-09-2017	Resource Person
One day Breast Cancer Awareness cum Symposium	Bharathiar University, Coimbatore	26-10-2017	Organizing Member
One day National Seminar on Advance in Animal Science for Sustainable Development	Jamal Mohamed College, Tiruchirappalli	15-02-2018	Resource Person

Two days Workshop on Big Data in Life Sciences	Bharathiar University, Coimbatore	05-09-2018 to 05-09-2018	Resource Person
AICET sponsored Faculty Development Programme on Recent Trends in Nano Science for Drug from Natural Products	Arunai Engineering College, Tiruvananmalai	24-10-2019	Resource Person
One day International Conference on Drug Development Research-Current Scenario	Srimad Andavan Arts and Science College (Autonomous), Tiruchirappalli	26-02-2020	Resource Person
International Seminar on Molecular Avenue in Biotechnological Approaches and Application	AJK College of Arts and Science, Coimbatore	12-10-2020	Resource Person
National Level Virtual Webinar on Phytomedicine	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai	24-11-2020	Resource Person
Webinar on Mitochondria in Clinical and Genetic Medicine	Bharathiar University, Coimbatore	00-00-2020 and 00-00-2020	Organizing Member
National Virtual Conference on Recent Breakthroughs in Biotechnology (NCRBB-2021)	Bharathiar University, Coimbatore	22-01-2021 and 23-01-2021	Organizing Member / Session Chair / Session Co-Chair

INVITED TALKS (AFTER 2015)

- Delivered a lecture on “Intermediary metabolism”. Department of Biochemistry RVS Agricultural College, Thanjavur, 22nd June 2017.
- Delivered a lecture on “Scientific methods – A way to explore the world”. Department of Biochemistry M.I.E.T. Arts and Science College, Tiruchirappalli, 28th July 2017.
- Chief Guest and delivered a lecture on “Scientific methods – A different approach”. Kongunadu Arts and Science College, Coimbatore, 31st July 2017.
- Delivered a lecture on “Kalai Muthal Ariviyal Varai: Genetics – An introduction”. Department of Tamil, Bharathiar University, Coimbatore, 10th October 2017.
- Delivered a lecture on “Science – An empirical approach”, Centre for Nanotechnology, VIT University, Vellore, 16th November 2017.
- Delivered a lecture in Refresher Course in Biotechnology, Bharathiar University, Coimbatore, 30th November 2017.
- Delivered a lecture on “Diseases and Drugs: An immunological approach”. Department of Clinical Lab Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 11th January 2018.
- Delivered a talk in Five days Hands-on Workshop on Basic Techniques in Genetics, Cell Biology and Animal Cell Culture, Bharathiar University, Coimbatore, 30th April to 04th May 2018.

- Volunteer as Resource Person, One week program on Breast Feeding Awareness, Bharathiar University, Coimbatore, 04th August 2018.
- Delivered a lecture on “Science – An experiential approach”. Department of Biochemistry, Vivekandha College of Arts and Sciences for Women, Tiruchengode, 27th August 2019.
- Delivered a lecture in Refresher Course in Biological Science, Bharathiar University, Coimbatore, 16th September 2019.
- Delivered a special lecture on “Life Science Association”, in the School of Life Sciences, Marudupandiyar College, Thanjavur, 09th January 2020.
- Delivered a special lecture on “Phyto-therapeutics - A Biology of Traditional Medicine”, in the Life Sciences department, A..V.V.M. Sri Pushpam College (Autonomous), Thanjavur, 12th March 2020.
- Delivered a Webinar on Frontiers in Biological Science “Phyto-therapeutics - A Differential Approach”, in PG and Research Department of Biochemistry, J.J. College of Arts and Science (Autonomous), Pudukkottai, on 02nd June 2020.
- Delivered a Webinar lecture in Faculty Development Programme on “Stress Buster” in Rabiammal Ahamed Maideen College for Women, Tiruvarur on 13th June 2020.
- Delivered a Webinar lecture on “Stress Buster for Better Health” in Dr. R.A.N.M Arts and Science College, Erode on 14th December 2020.
- Delivered a lecture in one day Virtual Webinar on “Phytotherapeutics for Young Minds”. Department of Biochemistry, Vivekandha College of Arts and Sciences for Women, Tiruchengode, 23rd December 2020.
- Delivered a lecture in Virtual Webinar on “Fight or Flight: Physiology of Stress”. Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli, Tiruchengode, 22nd March 2021.

MEMBERSHIP

PROFESSIONAL SOCIETIES

- All India Medical Laboratory Technologists Association, New Delhi, Since 2000.
- Indian Society for Technical Education, New Delhi, Since 2013.
- Indian Society of Biological Chemistry, Bangalore, Since 2017.
- Indian Society of Human Genetics, Hyderabad, Since 2018.
- Asian Council of Science Editors, Deira Dubai, U.A.E., Up to 31st December 2022.
- Academy of Advanced Dental Research, Gujarat, (2019-2020).

EDITORIAL BOARD / AMBASSADOR / EDITING SCIENTIST

JOURNAL NAME / INDEXING	PUBLISHERS	SINCE
SCIE		
International Journal of Pharmacology Associate Editor	Asian Network for Scientific Information, Dubai, UAE	2011
Experimental and Therapeutic Medicine Editor Board Member 1.785	Spandidos Publications, Greece	2021
ASCI (Asian Science Citation Index), Scopus (up to 2018), EMBASE, SCIMAGO		
Asian Journal of Biochemistry Associate Editor	Academic Journals Inc., USA	2011
Current Research in Cardiovascular Pharmacology Associate Editor	Academic Journals Inc., USA	2011
Journal of Medical Sciences Associate Editor	Asian Network for Scientific Information,	2011

	Dubai, UAE	
Journal of Biological Sciences Associate Editor	Asian Network for Scientific Information, Dubai, UAE	2011
OTHERS		
Proceedings of Anticancer Research Editorial Board Member	Bio-Byword, Australia	2018
International Journal of Diabetes and Endocrinology	Science Publishing Group, USA	2018
SCIREA Journal of Clinical Medicine Editorial Board Member	Science Research Association	2019
SCIREA Journal of Health Editorial Board Member	Science Research Association	2019
SCIREA Journal of Pharmacy Editorial Board Member	Science Research Association	2019
Journal of Genetics, Cellular and Molecular Biology Editorial Board Member	Manuscript Publishing Services	2020
AMBASSADOR		
Bentham Brand Ambassador	Bentham Scientific Publishers	2019
EDITING SCIENTIST		
Journal of Environmental Biology (SCIE-IF-0.781)	Triveni Enterprises	2019 (02)
ACADEMIC EDITOR		
Journal of the Renin-Angiotensin- Aldosterone System (SCIE-IF - 1.417)	Hindawi	2021

REVIEWER PANEL MEMBER

TOP REVIEWER		
APPRECIATION	JOURNAL	YEAR
53 rd among top 100 reviewers	Proceedings of the National Academy of Sciences, India, Springer	2015
25 th among top 100 reviewers	Proceedings of the National Academy of Sciences, India, Springer	2016

ACADEMIC EDITOR / ONLINE SCIENTIFIC EDITOR		
JOURNAL NAME	PUBLISHERS	NUMBER OF PAPERS HANDLED
Journal of the Renin-Angiotensin- Aldosterone System (IF - 1.417)	Hindawi	04
World Journal of Gastroenterology (IF - 3.545)	Baishideng Publishing Group Inc.,	01

PAPERS REVIEWED		
JOURNAL NAME / INDEXING	PUBLISHERS	NUMBER OF PAPERS REVIEWED
SCI / SCIE / WoS / SCOPUS / MEDLINE / PubMed / PMC / ESCI / ASCI / EMBASE		
Journal of Applied Pharmaceutical Sciences	Scopemed	65

Journal of Food Biochemistry	Wiley Periodicals, Inc.,	21
International Journal of Pharmacology	Asian Network for Scientific Information	18
Journal of Ethnopharmacology	ScienceDirect	18
Proceedings of the National Academy of Sciences, Biological Sciences	Springer	17
Asian Journal of Biomedical and Pharmaceutical Sciences	Allied Academies	16
World Journal of Surgical Oncology	BMC - Springer Nature	13
Ecotoxicology and Environmental Safety	ScienceDirect	11
3 Biotech	Springer	11
Journal of Environmental Biology	Triveni Enterprises	10
Comparative Clinical Pathology	Springer	10
The Open Respiratory Medicine Journal	Bentham Publishers	10
International Journal of Human Genetics	KRE	10
Pharmaceutical Biology	Taylor and Francis	09
Journal of Medical Sciences	Asian Network for Scientific Information	09
Diabetes and Metabolic Syndrome Clinical Research and Review	ScienceDirect	09
Asian Journal of Biochemistry	Academic Journals Inc.,	08
Journal of Pure and Applied Microbiology	Oriental Scientific Pub. Co.	08
Evidence-Based Complementary and Alternative Medicine	Hindawi	08
International Journal of Poultry Science	Asian Network for Scientific Information	07
Journal of the Renin-Angiotensin-Aldosterone System	SAGE	07
Spinal Cord	Springer Nature	06
Oncology Letters	Spandidos Publications	06
The Open Biomarkers Journal	Bentham Publishers	06
Journal of Herbs, Spices & Medicinal Plants	Taylor & Francis	05
Biomedical Research	Allied Academies	05
Molecular Medicine Reports	Spandidos Publications	05
Advances in Pharmacological and Pharmaceutical Sciences	Hindawi	05
Journal of Biological Sciences	Asian Network for Scientific Information	04
Biomedicine & Pharmacotherapy	ScienceDirect	04
The Open Cardiovascular Medicine Journal	Bentham Publishers	04
Plant Cell Biotechnology and Molecular Biology	International Knowledge Press	04
Oxidative Medicine and Cellular Longevity	Hindawi	04
Microbiological Research	ScienceDirect	03
International Immunopharmacology	ScienceDirect	03
Drug Development Research	Wiley Periodicals, Inc.,	03
Journal of Radiation Research and	Taylor & Francis	03

Applied Sciences		
Brazilian Journal of Pharmaceutical Sciences	SciELO	03
The Open Biomedical Engineering Journal	Bentham Publishers	03
Experimental and Therapeutic Medicine	Spandidos Publications	03
World Journal of Diabetes	Baishideng Publishing Group Inc.,	03
Biomedical Reports	Spandidos Publications	03
BioMed Research International	Hindawi	03
Journal of Infection and Public Health	ScienceDirect	02
Journal of King Saud University Science	ScienceDirect	02
Chinese Herbal Medicines	ScienceDirect	02
Studies in Natural Products Chemistry (Bioactive Natural Products)	ScienceDirect	02
International Brain Research Organization Reports	ScienceDirect	02
Archives of Physiology and Biochemistry	Taylor & Francis	02
Pharmacognosy Research	Wolters Kluwer	02
Journal of Toxicology	Hindawi	02
Medical Science Monitor	International Scientific Information	02
Free Radicals and Antioxidants	Wolters Kluwer	02
Saudi Pharmaceutical Journal	ScienceDirect	02
Comparative Biochemistry and Physiology, Part-C Toxicology and Pharmacology	ScienceDirect	02
Cleaner Engineering and Technology	ScienceDirect	02
South African Journal of Botany	ScienceDirect	02
AMB Express	Springer Nature	02
Heliyon	Cell Press	02
Journal of Herbal Medicine	ScienceDirect	02
Philippine Journal of Science	Republic of the Philippines	02
Food Science and Nutrition	Wiley Periodicals, Inc.,	02
Journal of Diabetes Research	Hindawi	02
World Journal of Psychiatry	Baishideng Publishing Group Inc.,	02
Journal of Experimental Biology and Agricultural Sciences	Horizon Publisher India	02
Scientific Reports	Nature	01
Journal of Pharmacological Sciences	ScienceDirect	01
Saudi Journal of Biological Sciences	ScienceDirect	01
Journal of Integrative Medicine	ScienceDirect	01
Parasite Epidemiology and Control	ScienceDirect	01
Journal of Food Composition and Analysis	ScienceDirect	01
Journal of the Indian Chemical Society	ScienceDirect	01
DARU Journal of Pharmaceutical Sciences	Springer	01
International Journal of Colorectal Disease	Springer	01
Journal of Experimental Pharmacology	Dove Press	01

Clinical and Experimental Pharmacology and Physiology	Wiley Blackwell	01
International Journal of Experimental Pathology	Wiley Periodicals, Inc.,	01
Journal of Cellular and Molecular Medicine	Wiley Periodicals, Inc.,	01
Journal of Food Processing and Preservation	Wiley Periodicals, Inc.,	01
Frontiers in Medicine	Frontiers	01
The Scientific World Journal	Hindawi	01
Journal of Chemistry	Hindawi	01
Journal of Lipids	Hindawi	01
Mediators of Inflammation	Hindawi	01
Future Oncology	Future Medicine	01
Pharmacognosy Magazine	Wolters Kluwer	01
Indian Journal of Pharmaceutical Education and Research	Wolters Kluwer	01
Saudi Medical Journal	Saudi Arabian Armed Forces Hospital	01
International Journal of Functional Nutrition	Spandidos Publications	01
World Academy of Science Journal	Spandidos Publications	01
Pharmaceutical Process Design and Modelling (e-Book)	Bentham Publishers	01
Bentham Science Publishers	Bentham Publishers	01
International Journal of Food Sciences	Hindawi	01
World Journal of Hepatology	Baishideng Publishing Group Inc.,	01
World Journal of Virology	Baishideng Publishing Group Inc.,	01
Indian Journal of Pharmaceutical Education and Research	Association of Pharmaceutical Teachers of India	01
Kidney Research Journal	Academic Journals Inc.,	01
Current Research in Cardiovascular Pharmacology	Academic Journals Inc.,	01
Pakistan Journal of Nutrition	Asian Network for Scientific Information	01
Journal of Life Sciences	KRE	01
Indian Journal of Pharmaceutical Sciences	Scientific Central	01
Frontiers in Biology	Landmark	01
OTHERS		
Journal of Pharmaceutical Research International	Sciencedomain International	07
Journal of Veterinary Science and Animal Husbandry	Annex	04
Advancement in Medicinal Plant Research	Net Journals	03
Journal of Genetics, Cellular and Molecular Biology	Manuscript Publishing Services	03
Proceedings of Anticancer Research	Bio-Byword, Australia	02
International Journal of Biochemistry Research & Review	Sciencedomain International	02
Journal of Advances in Medicine and	Sciencedomain International	02

Medical Research		
European Journal of Medicinal Plants	Sciencedomain International	02
Indian Journal of Pharmacy and Drug Studies	Mansa STM Publishers	02
Asian Journal of Research in Cardiovascular Disease	Sciencedomain International	01
Annual Research and Review in Biology	Sciencedomain International	01
Asian Journals of Biochemistry, Genetics and Molecular Biology	Sciencedomain International	01
Asian Journal of Chemical Sciences	Sciencedomain International	01
International Journal of Research and Reports in Hematology	Sciencedomain International	01
Journal of Advance in Medical and Pharmaceutical Research	Sciencedomain International	01
Asian Journal of Immunology	Sciencedomain International	01
Journal of Complementary and Alternative and Medical Research	Sciencedomain International	01
Journal of Immunological Sciences	Immunology Research Journal	01
Journal of Animal Science and Veterinary Medicine	Integrity Research Journals	01
Advancement in Science and Technology Research	Net Journals	01
International Journal of Medicinal Plant Research	International Scholar Journals	01
Journal of Horticultural Science and Crop Research	Annex	01
Journal of Genetic Mutation Disorders	Annex	01
Journal of Surgery and Operative Care	Annex	01
International Journal of Oceanography & Aquaculture	Medwin	01
Biological Sciences and Pharmaceutical Research	Journal Issue Limited	01
Journal of Pharmacology and Clinical Trials	Norcal	01
Journal of Agricultural and Crop Research	Scienceweb	01
International Research Journal of Dentistry	Premier Publishers	01
Merit Research Journal of Medicine and Medical Sciences	Merit Research Journal	01
Open Journal of Pediatrics and Neonatology	Coalesce Research Group Ltd.,	01
Journal of Neurology, Neurological Science and Disorders	Peertechzpublications	01
Journal of Hematology and Clinical Research	HSPI Publishers	01
TOTAL	135 JOURNALS	515 ARTICLES

AWARD

- Best Scientist Award, Indian Academic Researchers Association, 2016.
- Global Faculty Award, AKS Education Awards, 2020.
- Outstanding Scientist Award, ISAO, VDGGOOD Technology Factory, 2021.

RESEARCH SUPERVISION

PARTICULARS	AWARDED	GUIDING
Ph.D.,	10	08
M.Phil.,	16	01
M.Sc.,	> 100	07

PUBLICATIONS (BOOK / CHAPTER / PAPER)

PARTICULARS	TOTAL
PAPERS	110
BOOKS	06
CHAPTERS	07

SELECTED RECENT PUBLICATIONS (AFTER 2015)

INVITED CHAPTER

2021

- Krishnan Anand, Balakumar Chanrasekaran, Gaurav Gupta, Harish Dureja, Sachine Kumar Singh, Monica Gulati, Dinesh Kumar Chellappan, Balamuralikrishnan Balasubramanian, Ireen Femeela, **Vijaya Anand Arumugam**, Kamal Dua. Biosynthetic exosome nanoparticles isolation, characterization, and their diagnostic and therapeutic applications (2021). Advance Drug Delivery Systems in the Management of Cancer. Elsevier (Accepted).
- T. Karpagam, B. Balamuralikrishnan, B. Varalakshmi, **A. Vijaya Anand**, J. Sugunabai (2021). An insight on emerging nanomaterials for the delivery of various naturaceuicals applications to betterment of health, under the book series entitled Reference Series in Nanotechnology in the Life Sciences, Springer Nature (Accepted).
- B. Varalakshmi, T. Karpagam, **A. Vijaya Anand**, B. Balamuralikrishnan (2021). Nanoscale smart drug delivery systems and techniques of drug loading to nanoarchitectures, under the book series entitled Reference Series in Nanotechnology in the Life Sciences, Springer Nature (Accepted).
- Saradhadevi Muhukrishnan, **A. Vijaya Anand**, Kiruhiga Palanisamy, Gayathiri gunasankaran, Anali K Ravi, Balamuralikrishnan Balasubramanian (2021). Noval organic and inorganic nanoparticles as a targeted drug delivery vehicle in cancer treatment, under the book series entitled Reference Series in Nanotechnology in the Life Sciences, Springer Nature (Accepted).
- R. L. Rengarajan, A. Rathinam, N. Suganthu, B. Balamuralikrishnan, **A. Vijaya Anand**, S. Velayuthaprabhu (2021). Perespectives of metals an metal oxie nanoparticles for antimicrobial consequence – An overview, under the book series entitled Reference Series in Nanotechnology in the Life Sciences, Springer Nature (Accepted).

2020

- **Vijaya Anand***, S. Velayuthaprabhu, R. L. Rengarajan, P. Sampathkumar, R. Radhakrishnan. Bioactive Compounds of Guava (*Psidium guajava* L.) 2020. Bioactive Compounds in Underutilized Fruits and Nuts, under the book series entitled Reference Series in Phytochemistry, Springer Nature. <https://doi.org/10.1007/978-3-030-06120-3>.

PAPERS

2021

- **Vijaya Anand Arumugam***, Balamuralikrishnan Balasubramanian, Kaviya Mohandass, Bharathi Kathirvel, Parithathvi Aluru, Arun Meyyazhagan, Senthilkumar Nachiappan, Velayuthaprabhu Shanmugam, Saradhadevi Muthukrishnan, Naif Abdullah Al-Dhabi, Mariadhas Valan Arasu, Mohd. Iqbal Yattoo, Ruchi Tiwari, Kuldeep Dhama (2021). Medicinal plants, Phytochemicals and Herbs to Combat Viral Pathogens Including SARS-CoV-2. *Molecules*. 26(6): 1775. **(MDPI - SCIE-IF 3.267)**.
- Haripriya Kuchi Bhotla, Arun Meyyazhagan, Manikantan Pappusamy, Sungkwon Park, **Vijaya Anand Arumugam**, Karthika Pushparaj, Kannan RR Rengasamy, Wenchao Liu, Balamuralikrishnan Balasubramanian (2021). Dietary nutrients and their control of the redox bioenergetic networks as therapeutics in 3 human redox dysfunctions sustained pathologies. *Pharmacological Research*. (Accepted). **(Elsevier - SCIE-IF 5.893)**.
- **Vijaya Anand**, V. Bharathi, G. Bupesh, N. Jaya Lakshmi, K. M. Saradhadevi (2021). Identification of novel potent pancreatic lipase inhibitors from *Ficus racemosa*. *Biomedicine*. 41(1): 23-30. (SCOPUS).
- Vijayakumar K, Rengarajan R.L. Suganthy S, Prasanna B, Velayuthaprabhu S, M. Shenbagam, **Vijaya Anand A*** (2021). Acute toxicity studies and protective effects of *Cinnamon cassia* bark extract in streptozotocin induced diabetic rats. *Drug and Chemical Toxicology*. Published online on 13th April 2021. **(Taylor and Francis - SCI-IF 2.405)**.
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