

CURRICULUM VITAE

Name : A. SUNDARESAN
Father Name : G. ARJUNAN
Date of Birth : 05.06.1981
Sex : Male
Academic Qualification : **Ph.D., in Biochemistry**
Teaching Experience : **4 years**
Marital status : Married
Nationality : **Indian**
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Experience: Academic and Research

Post held	Name of the Institution	Duration		Actual duration
		From	To	
Research Officer	Pondicherry Centre For Biological Sciences	01.11.2021	Till date	-
Post-doctoral Fellow	CAS in Marine Biology, Annamalai University	16.04.2016	15.04.2021	5 years
Assistant Professor	Sri Vinayaga College of Arts and Science, Ulundurpet -606107	01.08.14	31.03.16	1 year and 6 months
Senior Research Fellow	Indian Institute of Medical Research (ICMR), New Delhi	26.10.10	25.11.12	2 years
Assistant Professor	Sri Ganesh College of Arts and Science, Salem-14	31.07.06	31.10.08	2 years & 8 months

Research Areas

Natural products and Type 2 diabetes; Natural products and cardiovascular disease

Academic Qualifications: Ph.D., in BIOCHEMISTRY

Degree	Major	Institutions Attended (University & College)	Year		Marks
			From	To	
Ph.D	Biochemistry	Annamalai University	2008	2013	-
M.Phil	Biochemistry	Tamil University, Thanjavur	2004	2005	66.6
M.Sc	Biochemistry	Khadir Mohideen College, Adirampattinam / Bharathidasan University, Trichy	2001	2003	71.93
B.Sc	Biochemistry	Meenakshi Chandrasekaran college, Pattukkottai / Bharathidasan University, Trichy	1998	2001	68.35

Ph.D. Thesis Title : Combined effect of ursolic acid and rosiglitazone on high-fat diet-induced insulin resistance in C57BL/6J mice

Research Publications

S.No	Publication Details	Impact Factor	Citation
1.	Sundaresan A , T. Radhiga, B. Deivasigamani. Biochanin A, a soy isoflavone, diminishes insulin resistance by modulating insulin signalling pathway in high-fat diet induced diabetic mice. Archives of Physiology and Biochemistry . 2020; 1-17.	2.33	1
2.	A. Sundaresan , T. Radhiga, B. Deivasigamani. Biological Activity of Biochanin A: A Review. Asian Journal of Pharmacy and Pharmacology , 2018; 4(1): 1-5	-	8
3.	Sundaresan A , Radhiga T, Pugalendi KV. Ursolic acid and rosiglitazone combination improves insulin sensitivity by increasing the skeletal muscle insulin-stimulated IRS-1 tyrosine phosphorylation in high-fat diet-fed C57BL/6J mice. Journal of Physiology and Biochemistry . 2016; 72: 345-352.	4.15	5

4.	Sundaresan A , Radhiga T. Effect of Mimosa Pudica cured extract against high fructose diet induced type 2 diabetes in rats. International Letters of Natural Sciences. 2015 ; 39: 1-9.	-	5
5.	Sundaresan A , Radhiga T, Pugalendi KV. Effect of ursolic acid and rosiglitazone combination on hepatic lipid accumulation in high-fat diet fed C57BL/6J mice. European Journal of Pharmacology. 2014 ; 741: 297–303 (Impact factor: 2.8).	3.26	33
6.	Sundaresan A , Pugalendi KV. Combined effect of ursolic acid and rosiglitazone on redox status in high fat diet induced C57BL/6J mice. Journal of Pharmacy Research. 2012 ; 5: 2380-2384.	1.0	3
7.	Sundaresan A , Harini R, Pugalendi KV. Ursolic acid and rosiglitazone combination alleviates metabolic syndrome in high fat diet fed C57BL/6J mice. General Physiology and Biophysics. 2012 ; 31: 323-333. (SCI: 1.192)	1.4	33
8.	Sathish V, Sundaresan A , and Deivasigamani B. Immunomodulatory effects of dietary intake of chitosan on non-specific immune response of <i>Mugil cephalus</i> challenged with <i>Aeromonas hydrophila</i> . Journal of Advanced Scientific Research. 2021 ; 12(2): 33-39.	-	-
9.	Thangaiyan R, Sundaresan A , Govindasamy K, Khan HA, Alhomida AS, Prasad NR. Galangin Attenuates Isoproterenol-Induced Inflammation and Fibrosis in the Cardiac Tissue of Albino Wistar Rats. Frontiers in Pharmacology 2020 ;11:585163.	4.22	1
10.	Radhiga T, Senthil S, Sundaresan A , Pugalendi KV. Ursolic Acid Modulates MMPs, collagen-I, α -SMA, and TGF- β Expression in Isoproterenol-Induced Myocardial Infarction in Rats. Human and Experimental Toxicology. 2019 ; 3(7): 785-793	2.17	8
11.	Thangaiyan R, Robert BM, Sundaresan A , Govindasamy K, Nagarajan RP. Preventive effect of apigenin against	3.6	

	isoproterenol-induced apoptosis in cardiomyoblasts. Journal of Biochemical and Molecular Toxicology , 2018: e22213.		
12.	Deivasigamani B, Vasuki S and Sundaresan A . Identification of protein from muscle tissue of marine finfish. International Journal of Current Microbiology and Applied Sciences . 2017 ; 6(4):159-167.		
13.	Radhiga T, Sundaresan A , Viswanathan P, Pugalendi KV. Effect of protocatechuic acid on lipid profile and DNA damage in D-galactosamine-induced hepatotoxic rats. Journal of basic and clinical physiology and pharmacology , 2016 ; 27(5): 505-514.	1.65	11
14.	Mahalakshmi M, Sundaresan A , Balamurugan V. Molecular docking studies on Apigenin as a target with MAPK p38 for cardiovascular diseases. International Journal of Research and Development in Pharmacy and Life Sciences . 2016 ; 5(4): 2241-2244.		
15.	Selvaraj V, Anithakumari M, Balamurugan V, Sundaresan A , Perumal S, Vasanthi K. Phytochemical screening, FT-IR analysis and antimicrobial activity of <i>Wattakaka volubilis</i> . International Journal of Biological Research . 2016 ; 4(2): 165-169.	-	-
16.	Balamurugan V, Balakrishnan V, Sundaresan A , Vasanthi K, Venkatesan S. Production process and characterization of extra cellular li-pids from bacterial strain from oil industries waste. International Journal of Biological Research . 2016 ; 4 (1): 74-77.	-	-
17.	Balamurugan V, Balakrishnan V, Sundaresan A . GC-MS analysis of leaf and Bark Extract of <i>Moringa concanensis</i> Nimmo, a siddha medicinal plant of South India. European Journal of Biotechnology and Bioscience . 2015 ; 3(12): 57-61.	-	-
18.	Harini R, Sundaresan A , Pugalendi KV. Antihyperlipidemic effect of biochanin A on streptozotocin induced diabetic rats. Journal of Pharmacy Research . 2012 ; 5: 707-710.	-	4

19.	Radhiga T, Rajamanickam C, Sundaresan A , Ezhumalai M, Pugalendi KV. Effect of ursolic acid treatment on apoptosis and DNA damage in isoproterenol-induced myocardial infarction. Biochimie. 2012 ; 94: 1135-1142.	3.41	71
20.	Vasanthi K, Jeyanthi K.A, Rajkumar K, Balamurugan V, Sunderasan A . Phytochemical investigation and in vitro antimicrobial activity of <i>Catharanthus roseus</i> leaf. International Journal of Advanced Life Sciences. 2015; 8(4): 528-532.	-	-

	All	Since 2016
Citation	168	123
h-index	5	5
I10-index	3	3

Conferences – presented and participated

- Participated in a webinar on “Tools & Services that Facilitate Research Writing and Publishing” held on September 09 and 10, 2020 organised by Annamalai University and AuthorCafé.
- Participated in a webinar on “Role of Natural products in Drug Discovery” held on June 04, 2020 at Department of Biochemistry, Annai Violet Arts and Science College, Chennai.
- Participated in “First International School on Radiation Research (ISRR-2017) on the theme of Radiation Carcinogenesis: Mechanism and Experimental Models” to be held at Department of Biochemistry and Biotechnology, Annamalai University, on 02 - 04, February, 2017.
- Participated and presented a paper in International Conference on “Biotechnology and its application in aquaculture and Fisheries” held on August 23-25, 2017 at Annamalai University, CAS in Marine Biology, Faculty of Marine Sciences, Parangipettai, Tamil Nadu, India.
- Paper presented in International conference on “Food and Nutraceuticals for Nutrition and Health: Technology and Delivery” on 20-22 January 2011, Organized by Department of Food Science, Periyar University, Salem, Tamilnadu, India.

- Paper presented in International conference on “23rd Annual Conference of Indian Society of Atherosclerosis Research & International Symposium on Atherosclerosis from Bench and Beside” on 13-14 November 2010, Organized by Preventive Cardiology Group & Department of Biochemistry, University College of Medical Sciences, University of Delhi & GTB Hospital, Delhi, India.

Names and address of two referees::

1. Dr. B. Deivasigamani

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2. Dr. N. Baskaran

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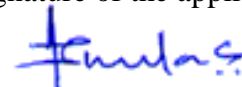
DECLARATION

I hereby solemnly declare that the above furnished all information is true to the best of my knowledge and belief.

Place : Chidambaram

Date: 24.02.2022

Signature of the applicant



(A. SUNDRESAN)