

FACULTY DATABASE

Name: Dr. M. Sudha

Designation: Associate Professor

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Area of Specialization: Pharmacology



Affiliation: Dr.M.G.R. Educational and Research Institute, Deemed to be
University, Maduravoyal, Chennai – 600095, Tamil Nadu.

EDUCATION:

Sl.No.	Course	Department	Affiliation
1.	Ph.D	Pharmacology	Adhiparasakthi College of Pharmacy, The Tamil Nadu Dr. M.G.R. Medical University, Guindy, Chennai.
2.	M.Pharm. (Gate qualified)	Pharmacology	Mother Theresa Post Graduate and Research Institute of Health Sciences, Pondicherry University, Puducherry.
3.	B.Pharm	Pharmacy	Mother Theresa Post Graduate and Research Institute of Health Sciences, Pondicherry University, Puducherry.

OTHER DETAILS:

Courses:

- ❖ Online Refresher Course in Pharmacy for Higher Education in February 2020.

Research Interest:

- ❖ Protective effect of Compound on Drug induced Genotoxicity
- ❖ Anti-Cancer Activities
- ❖ Diabetic Retinopathy, Neuropathy and Nephropathy

PUBLICATIONS:

Published Papers:

- ❖ Sudha M*, Kavimani S. The Protective role of Spirulina on Doxorubicin induced genotoxicity in germ cells of rats. *Int. J. Pharma Bio Sci.* 2011;2(3):214-222.
- ❖ Sudha Murugesan* and Thangarasu Vetrichelvan. Genoprotective effect of D-Pinitol isolated from aerial parts of Soybean plants against Doxorubicin-induced genotoxicity evaluated by in vitro comet assay in Vero cell lines. *Int. J. Res. Pharm. Sci.* 2021;12: 1379-1384. DOI:10.26452/IJRPS.V12I2.4694
- ❖ Sudha Murugesan* and Thangarasu Vetrichelvan. Protective effect of D-Pinitol isolated from aerial parts of Soybean plants on haematological profile against Doxorubicin-induced cytotoxicity in mice. *IJPSR.* 2021; 12(5):926-2932. DOI: 10.13040/IJPSR.0975-8232.12(5).2926-32
- ❖ Zakia A, Sudha M, Rekha S, Ilamparithi C, Kavimani S, Balu V. Genetic Basis of Circadian Rhythm - Concepts of Chronopharmacology and Chronotherapeutics. *IJCP.* 2009;20(2):109-114.

Accepted Research articles for Publication:

- ❖ Article named, “Genoprotective efficacy of isolated D-Pinitol from aerial parts of Soybean plants on Doxorubicin-induced genotoxicity assessed through In vivo Bone marrow chromosomal aberration assay”, has accepted to publish in Bulletin of Environment, Pharmacology and Life Sciences indexed in Web of Science Volume 12 [10/11]Sept/Oct issue 2023.
- ❖ Article named, “Genoprotective nature of isolated D-Pinitol from Glycine max L Merr. plants against Doxorubicin-induced genotoxicity evaluated by in vivo sperm shape abnormality assay”, has sent to Bulletin of Environment, Pharmacology and Life Sciences, indexed in Web of Science Volume 12 [10/11] sept/oct issue 2023.
- ❖ Article named, “Adaptogenic activity of D-Pinitol against diverse stressors induced in Swiss Albino Mice, has sent to Bulletin of Environment, Pharmacology and Life Sciences, indexed in Web of Science Volume 12 [10/11] sept/oct issue 2023.
- ❖ Article named, “Genoprotective efficacy of D-Pinitol isolated from aerial parts of Soybean plant against Doxorubicin-induced genotoxicity assessed by in vivo comet assay” has sent to Bulletin of Environment, Pharmacology and Life Sciences, indexed in Web of Science Volume 12 [7/8] June issue 2023.

BOOK CHAPTER PUBLISHED:

- ❖ One Book chapter in AJPCR/V10/chapter206/22 entitled “ Protective Effect Of D-Pinitol Isolated From Aerial Parts Of Soybean Plants On Haematological Profile Against Doxorubicin Induced Cyto-Toxicity In Mice ” published in Book Recent Advances in Pharmaceutical Sciences (Volume 11), published by Innovare Academic Sciences Pvt Ltd, India.

- ❖ "The Protective Role Of Spirulina On Doxorubicin Induced Genotoxicity In Germ Cells Of Rats" was published as book chapters in Bhumi Publishing for the book "Research and Development in Pharmaceutical Science Volume V (ISBN: 978-93-88901-XX-X)"
- ❖ "Genoprotective Effect Of D-Pinitol Isolated From Aerial Parts Of Soybean Plants Against Doxorubicin-Induced Genotoxicity Evaluated By In Vitro Comet Assay In Vero Cell Lines" was published as book chapters in Bhumi Publishing for the book "Research and Development in Pharmaceutical Science Volume V (ISBN: 978-93-88901-XX-X)"

ACADEMIC EXPERIENCE

S.No.	Name of the Institution/Industry	From	To	Years of Experience
1	Faculty of Pharmacy, Dr. MGR Educational and Research Institute, Chennai	14.09.2022	Till Date	1 year
2	Adhiparasakthi College of Pharmacy, Melmaruvathur	1.4.2016	25.8.2022	6 years and & 5 Months
3	Adhiparasakthi College of Pharmacy, Melmaruvathur	9.8.2010	9.8.2011	1 year

OTHER PROFESSIONAL EXPERIENCES

- ❖ Area of research for 6 years (2016- 2022)
- ❖ Student advisor of documentation committee of national conference TEXO PHARMA VIRTUS '09 held at MTPG&RIHS, Puducherry.

PROFESSIONAL MEMBERSHIP

- ❖ Registered Pharmacist in Tamil Nadu Pharmacy Council- Life Member- 19022A1
- ❖ Member in Association of Pharmaceutical Teachers of India. Unique Member ID is TN/LM-703.

ACHIEVEMENTS AND AWARDS

- ❖ **GATE Qualification:** All India Rank: 1639, Score: 412 & Percentile: 93.99
- ❖ **“Protective Effect of Spirulina on Doxorubicin Induced Testicular Toxicity”** has been accepted and presented as Poster Presentation for conference **TEXO PHARMA**

VIRTUS'16, 4th National Conference, held in Mother Theresa Post Graduate Research Institute of Health Sciences, Pondicherry on 21 and 22 October 2016.

- ❖ “**Memory enhancement activity of Angiotensin II Antagonist Losartan**” has been accepted and presented as Poster Presentation for conference **61st INDIAN PHARMACEUTICAL CONGRESS** held in Ahmedabad, 11th-13th December 2009.
- ❖ “**Effect of Prabhakara Vati on Isolated Muscle preparations**” has been accepted and presented as Poster Presentation for National Pharmacy Week celebration & **2nd IAPST Annual National Convention 2008** held at **Madras Medical College**, Chennai.
- ❖ Certified by the Indian Institute of Technology (BHU), Varanasi for **Online Refresher Course in Pharmacy for Higher Education (ARPIT)** and got "A" Grade.