



Dr.C.SASIKUMAR M.Sc., Ph.D.,
ASSOCIATE PROFESSOR & HEAD

RESEARCH INTEREST

Pharmaceutical Biotechnology, Marine Biotechnology

ACADEMIC PROFILE

B.Sc - P.S.G. College of Arts & Science, Coimbatore.

M.Sc - Kandasamy Kandars College, Velur, Namakkal.

M.Phil- University of Madras, Chennai

Ph.D – University of Madras, Chennai

Research Papers Published:

1. **Sasikumar, C.**, Narayana selvapalam and Ramasamy Rengasamy, 2005. The antibacterial compounds Sulphoglycerolipid 1-0 Palmitoyl- 3-0 (6'-Sulpho-a-quinovopyrananosyl) - Glycerol from *Sargassum wightii* Grevelli (Phaeophyceae). *Botanica Marina*. **48**: 441-445.
2. **Sasikumar, C.** and Arunkumar, K. 2005. Physico- Chemical analysis of waste water from Cement units. *Journal of Industrial Pollution Control*. **21 (2)**337-340.
3. Kannan, V., Ramesh, R and **Sasikumar, C** 2005. Study on ground water characteristics and the discharge effluents from textile units at Karur district. *Journal of Environmental Biology*. **26(2)**269-272.
4. **Sasikumar, C.**, Kannan, V and Senthil Kumar, B. 2005. Asymptomatic typhoid carriers in Namakkal Districts, Tamil Nadu. *Journal of Environmental Biology*. **26(1)** 113-115.

5. Freeda Gnana Rani, **Sasikumar, C** and Arunkumar, K. 2006. Potability of drinking water sources on eleven villages in Perambalur District, Tamil Nadu. *Pollution Research*. **25(1)** 171-174.
6. Sriram, S., Kavitha Srilakshmi, J., Meenaa, V and **Sasikumar, C**. 2009. Adenosine deaminase from *Plasmodium falsiparum* as a Potential Drug Target in Anti-Malarial Drug Designing: A Bioinformatic Approach. *Ethnobotanical leaflets* **13**: 639-647
7. Gandhiraja, N., Sriram, S., Meenaa, V., Kavitha Srilakshmi, J.,**Sasikumar, C**. and Rajeshwari, R. 2009. Phytochemical Screening and Antimicrobial Activity of the Plant Extract of *Mimosa pudica* L. Against Selected Microbes. *Ethnobotanical leaflets* **13**: 618- 624. 13.
8. **Sasikumar, C.**, Sriram, S., Meenaa, V., Kavitha Srilakshmi, J (2009). Evaluation of Antibacterial activity of *Nigella sativa* Linn against selected microbes. *Journal of Inventi Rapid Ethnopharmacology*.
9. **Sasikumar, C.**, Sriram, S., Anitha, C., Meenaa, V., Kavitha Srilakshmi, J. 2009. Phytochemical screening and antibacterial activity of *Eugenia caryophyllata* Linn –“Krambu”. *Online Journal of Biotechnology*. **Vol. 1 (3)**: 69-73.
10. Sivakumar,R., Jayaprakasam,R., Renuga,V., **Sasikumar,C**. 2009. Investigation on eco-friendly natural dyes: Chemistry, Dyeing and Antimicrobial properties of *Helichrysum bracteatum*. *Asian Journal of Chemistry*. **Vol.21,(8)**: 5960 - 5966.
11. **Sasikumar, C.**, Meena, V., Kavitha Srilakshmi, J and Sriram, S. 2010. HPTLC Analysis of Various Market Samples of a Traditional Drug Source - Kodiveli (*Plumbago zeylanica* Linn). *International Journal of Pharmacy and Pharmaceutical Sciences*. **Vol 2.(4)**, 130-132.
12. Kavitha Srilakshmi, J., Sriram, S., Meenaa, V and **Sasikumar, C**. Significance of Aryl-Amine-N-Acetyl Transferase as a potential drug target in anti-tubercular therapy-A Bioinformatic approach. *Journal of Advanced Biotech*, **August 2009**.
13. **Meenaa,V, Kavitha Srilakshmi, J., Sriram, S and Sasikumar, C**. NS5B RNA dependent RNA polymerase as an effective drug target in anti-Hepatitis C Virus therapy – An Insilico Study *Journal of Advanced Biotech*, **September 2011**.
14. Kavithasrilakshmi Janakiraman and **Sasikumar Chinnagounder**. 2012. Evaluation of Physico-chemical constants and GC-MS analysis of *Vernonia arborea*. *Journal of Pharmacy Research*. **Vol.5. (5)**, 2900-2905.
15. Meenaa Venkatramani and **Sasikumar Chinnagounder**. 2012. Preliminary phytochemical screening and GC-MS profiling of *Hiptage benghalensis* (l.)kurz. *Journal of Pharmacy Research*, **Vol.5. (5)**, 2895-2899.
16. Sriram Sridharan and **Sasikumar Chinnagounder**. 2012. Evaluation of Antimicrobial activity and GC-MS profiling of *Barleria Montana*. *Journal of Pharmacy Research*, **Vol 5. (5)**, 2921-2925.

Research Projects undertaken:

S.No	Major/ Minor	Sanctioned Grant in Rs.	Funding Agency	Duration	Status
1	Minor	1,00,000/-	UGC	2007- 2009	Completed
2	Major	10,29,800 /-	UGC	2012- 2015	Ongoing

Seminars Attended:

1. Participated a National Level Seminar on **“Marketing Aspects of Medicinal Plants”** conducted at Srimad Andavan Arts & Science College, Tiruchiappalli, from 29th to 30th January-2006.
2. Participated the UGC Sponsored **“National Level Seminar on Emerging Trends in Life Sciences”** organized by Department of Zoology, Bishop Heber College, Tiruchirappalli, from 24th to 25th August-2006.
3. Participated a National Level Seminar on **“Marketing Strategies and Trade Promotion of Herbs and Herbal Products”** conducted at Srimad Andavan Arts & Science College, Tiruchiappalli, from 27th to 28th January-2007.
4. Participated the UGC Sponsored National Seminar on **“Current Developments in Hottest Areas of Biological Sciences”** organized by Department of Biotechnology, Bharathidasan University, Tiruchirappalli, from 30th to 31st January-2007.
5. Participated a National Seminar on **“Trends in Modern Biology”** organized by Department of Plant Sciences, Bharathidasan University, Tiruchirappalli, from 15th March- 2007.
6. Participated the UGC Sponsored Seminar on **“Faculty Development Programme on Higher Education”** organized by Internal Quality Assurance Cell of Nehru Memorial College, Puthanampatti, Tiruchirappalli on 21.01.2012.
7. Participated the UGC Sponsored Seminar on **“Seminar on Examinations Reforms”** organized by Internal Quality Assurance Cell of Nehru Memorial College, Puthanampatti, Tiruchirappalli on 15.03.2012.

Contacts:

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