



**Dr. J. Preethi**, M.Sc., M.Phil., Ph.D.

Assistant Professor

## **PAPER PUBLICATIONS**

[1]**S-allyl cysteine as potent anti-gout drug: Insight into the xanthine oxidase inhibition and antiinflammatory activity.** Biochimie, Vol. 154, 1-9 (IF-3.362)

[1]**Anti-gout effect of Cardiospermum halicacabum through antioxidant and xanthine oxidase inhibition property.** Journal of Pharmacognosy and Phytochemistry 7(2): 1300-1304 (RJIF-5.52)

[2]**Rapid biosynthesis of Bauhinia variegata flower extract-mediated silver nanoparticles: an effective antioxidant scavenger and  $\alpha$ -amylase inhibitor.** Artificial cells, Nanomedicine and Biotechnology, 46 (7), 1488-1494 (IF-4.462).

[3]**Plant extract as environmental-friendly green catalyst for the reduction of hexavalent chromium in tannery effluent.** Environmental Technology, 39 (11), 1376-1383 (IF-1.918)

[4]**Anti-acne, antidandruff and anti-breast cancer efficacy of green synthesized silver nanoparticles using Coriandrum sativum leaf extract.** Journal of Photochemistry & Photobiology, B: Biology, No:163,69-76 (IF-4.064)

[5] **Hepatoprotective and Antioxidant Role of Ziziphus jujuba Leaves on Paracetamol Induced Hepatic Rats.** Journal of Diseases and Medicine 2(1-1): 1-10. Photobiology, B: Biology 163, 69–76. (IF-4.067)

## **NATIONAL & INTERNATIONAL LEVEL SEMINARS/ CONFERENCES-ATTENDED**

- [1] **Anti-inflammatory effect of s-allyl cysteine against monosodium urate crystal-induced gout in rat** on International conference on Biosciences & Bioinformatics (ICBB-2017), Organized by the Department of Biochemistry, Biotechnology, Microbial Biotechnology and Bioinformatics. Bharathiar University, Coimbatore, Tamil Nadu, India, 14 TO 16 December, 2017.
- [2] **Hexavalent chromium reduction by *Coriandrum sativum*: Mechanism elucidation** on New Horizon of Nanotechnology in Bioscience- 2016 (NHNBS-2016), Department of Biochemistry, Periyar University, Salem, Tamil Nadu, India, 07 and 08 January, 2016.
- [3] **Recent advances in microbial technology for renewable energy, bioremediation, health and sustainable agriculture (RAMT for REBHSA-2018)**, Department of Microbiology, School of Biosciences, at Periyar University, Salem, Tamil Nadu, India, 24 to 25 January, 2018.
- [4] **New Horizons in Plant Biotechnology (NHPB-2017)**, Department of Biotechnology, School of Biosciences, at Periyar University, Salem, Tamil Nadu, India, 06 December, 2017.
- [5] **Perspectives in Modern Biology**, Department of Zoology at Periyar University, Salem, Tamil Nadu, India, 02 September, 2016.
- [6] **Experimental therapeutics and Clinical Research**, Department of Biochemistry, Periyar University, Salem, Tamil Nadu, 24 February, 2016.
- [7] **Trends in Protein Engineering**, Department of Zoology, Periyar University, Salem, Tamil Nadu, 21 November, 2013.
- [8] **Integrative Bioscience Research Opportunities and Challenges**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, 10 and 11 February, 2013.

## **NATIONAL & INTERNATIONAL LEVEL WEBINARS/WORKSHOPS-ATTENDED**

[1] **RAPD and PCR Techniques**, Department of Biochemistry, Periyar University, Salem, Tamil Nadu, 16 and 17 February, 2016.

[2] **Scholarly Research Publications: Writing, Citations and Plagiarism (RPCP- 16)**, Department of Library and Information Science, Periyar University, Salem, Tamil Nadu, India, 01 February, 2016.

[3] **Exploratory Analysis of Biological Data using R-Programme**, School of Biosciences, Periyar University, Salem, Tamil Nadu, 17 December, 2015.

## **SHORT TERM COURSE/ORIENTATION PROGRAM -ATTENDED**

[1] **Online Teaching Training Programme**, CALEM, MHRD, Aligarh Muslim University, from 25<sup>th</sup> April 2020 to 1<sup>st</sup> May 2020