

Ms.T.HEMALATHA



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Educational qualification:

(Ph.D.),Biotechnology,2022,Annamalai University,Annamalai nagar /OGPA:6.17/A+
M.Phil.,Biotechnology,2016,Annamalai University,Annamalai nagar /OGPA:7.37/Ist Class/A+++
M.Sc., Biotechnology,2013,Annamalai University,Annamalai nagar /OGPA:7.07/Ist Class/A+++

Teaching areas :

- 1.Eukaryotic Gene Expression
- 2.Immunochemistry
- 3.Molecular Biology

Research interests:

- 1.Neurobiology
- 2.Biotechnology
- 3.Biochemistry

Experience: Fresher

Total number of publications:

4

List of 10 most recent (last three years – most recent first) publications in chronological order(journals /book chapters / proceedings only with ISSN or ISBN)

Journal Format: Author name, paper title, Journal name, vol & issue, month & year

Book / Book Chapter format: Author name, paper title, Book name, edn, place of publication, publisher name, year.

1. Tamiloli Hemalatha, Ravi Surya, Arokiyasamy Justin Thenmozhi, Tamilrasan Manivasagam. Neurorescue properties of Tannic acid, a natural polyphenol against Rotenone induced cellular model of Parkinson's disease. Science Technology and Development. XI(XII)50-73.2022. **Impact Factor:6.1**

2. Tamiloli Hemalatha, Ravi Surya, Arokiyasamy Justin Thenmozhi, Tamilrasan Manivasagam. Neuroprotective Effect of Tannic acid against Rotenone Induced Rat Model of Parkinson's Disease. International Journal of Scientific Research in Engineering and Management (IJSREM). volume 06(12);1-14.2022. **Impact factor:8.176**

3. Kiruthika R, Hemalatha T, Justin Thenmozhi A, Manivasagam T. Neuroprotective effect of morin

against unpredictable chronic mild stress induced oxidative stress and behavioural deficits in Wistar rats. *Int. J. Res. Pharm. Sci.*, 2020, 11 (SPL4), 1148-1154. **Impact factor:5.8**

4.Singh V, Essa MM, Guizani N, Balakrishnan R, **Hemalatha T**, Manivasagam T, Justin-Thenmozhi A, Elangovan N, Velusamy T, "Protective effect of *Zizyphus spinachristi* on MPP+-induced oxidative stress.", *Front Biosci (Schol Ed)*., Volume 10, Number 1, Mar 2018, pp. 285-299. 2018.

Impact factor:2.6

Total number of paper presentation:

2

1.Presented and Participated National Conference on “Drug Discovery and Translational Medicine (DDTM-2019)- Neuroprotective effect of Asiatic acid on Rotenone –induced mitochondrial dysfunction and oxidative stress-mediated apoptosis in differentiated SH-SY 5Y Cells.

2.Merit Oral Presentation Award Second place on National Science Day-28th February 2018,Annamalai University.

Resource person:

4. One day workshop on Science Career Guidance (SCG-2018) **Handled a practical Session** on 31st January 2018.