

Name : Dr. P. DAILIAH ROOPHA

Designation : Assistant Professor

Department : Zoology

Date of Joining : 16.06.2017

Phone with Extn. No : +91 9843840070

Email : dailiah.roopha@gmail.com



Educational Qualification:

DEGREE	SUBJECT	INSTITUTION	YEAR COMPLETED
B.Sc	Zoology	Rani Anna Govt. College for Women, Tirunelveli.	Apr-02
M.Sc	Zoology	St.John's College, Tirunelveli.	Apr-04
M.Phil	Zoology	St.John's College, Tirunelveli.	Feb-06
Ph.D	Zoology	V.O.Chidambaram College, Tuticorin.	Feb-12

Specialization in Teaching:

Animal physiology, Entomology, Immunology, Aquaculture, Biostatistics, Developmental Biology, Cell Biology.

Specialization in Research:

Ph.D – Natural product antioxidants for oxidative stress induced by Xenobiotics in the reproductive physiology of Wistar rats

M.Phil – Postnatal exposure to chromium alters oxidant-antioxidant status in the uterus of matured Wistar rats

Research Interests:

Toxicology, Endocrinology, Microbiology

Other Work Experience:

Designation	Institution	Year - From (month/year) To (month/year)
Assistant Professor	Sarah Tucker College, Tirunelveli.	March 2011- April 2015
Assistant Registrar (Academic) & Senior Lecturer	St.Eugene University, Zambia.	May 2015 to July 2016
Assistant Professor	Sarah Tucker College, Tirunelveli.	August 2016 to June 2017

MEMBERSHIP IN PROFESSIONAL SOCIETY

1. Member in Society for Conservation & Resource Development of Medicinal Plant, India
2. Reviewer and member of advisory board, Journal of Oxidants and Antioxidants in Medical Science, Turkey.

OTHER ACTIVITIES / ACADEMIC CREDENTIALS:

1. External Examiner - St.Mary's College, Tuticorin.
2. External practical Examiner –Thiravium College of Arts & Science for Women, Theni.
3. Organizing Secretary - International Seminar on Healthcare and Contraception, Sarah Tucker College, Palayamkottai.
4. Organizing Secretary - “National Conference in Recent trends in Science Education, St.Eugene University, Zambia.
3. Organizing Secretary - “National workshop on Health Care, Sarah Tucker College, Palayamkottai.
4. Reviewer, Journal of Life Medicine, Italy.
5. Reviewer, International Journal Fertility and Infertility, Iran.
6. Reviewer, Journal of Medicinal Plants Research, Academic Journals, Africa.

LECTURES / TALKS GIVEN:

Invited speaker in the National Seminar “Recent trends in Endocrinology” held on 24&25th February 2014 in the Department of Zoology, St.Xavier's College (Autonomous), Palayamkottai.

AWARDS

Best paper presentation in the State level seminar on Recent Trends in Environmental Safety-2006 “Oxidant – Antioxidant Status in the Uterus of matured Rats on exposure to Chromium”.

RESEARCH ARTICLES PUBLISHED

1. **P.Dailiah Roopha**, C.Padmalatha and A. J. A. Ranjit Singh. Influence of herbal extract on the histopathological changes induced by cadmium in the ovary of female Wistar rats. *Roots International Journal of multidisciplinary Researches*, 2018;4(9): 87-94. **JIF: 3.487.**
2. **P.Dailiah Roopha** and I.Viji Margaret. Comparative study of the physico-chemical characteristics of water samples collected from different ponds Tuticorin District, Tamil Nadu. *Roots International Journal of multidisciplinary Researches*, 2018;4(9): 95-98. **JIF: 3.487.**
3. **P.Dailiah Roopha** and C.Padmalatha. Cadmium exposure-induced oxidative stress; delay in sexual maturation and impaired hormones in developing rat ovary. *Journal of Oxidants and Antioxidants in Medical Science*, 2013; 2(3):181-187.
4. **P.Dailiah Roopha**, C.Padmalatha and A.J.A.Ranjith Singh. Upshot of herbal preparation on heavy metal (cadmium) provokes reproductive hormones in female Wistar rats. *Medicinal Plants - International Journal of Phytomedicines and Related Industries*, 2012; 4(4):218-225. **JIF: 3.484.**
5. **P. Dailiah Roopha**, J. Savarimuthu Michael, C. Padmalatha and A. J. A. Ranjit Singh. Cadmium toxicity exposure – Induced oxidative stress in postnatal development of Wistar rats. *Journal of Toxicology and Environmental Health Sciences* Vol. 3(7) pp. 176-179.
6. **P. Dailiah Roopha** and C. Padmalatha. Xenobiotic compounds exposure – Induced Lipid peroxidation and Hydrogen peroxide in postnatal development of Wistar rat's ovary. *RAC Journal of Research*, 2(3):92-98, August 2011.
7. **P. Dailiah Roopha** and C. Padmalatha. Effect of herbal preparation on heavy metal (cadmium) induced antioxidant system in female Wistar rats. *Medical Toxicology*, October 2011 **JIF: 1.43.**
8. Jawahar B Samuel, Jone A Stanley, Ganapathy Vengatesh, Rajendran A Princess, Sridhar Muthusami, **Dailiah P Roopha**, Esakky Suthagar, Kathires M Kumar, Maria S Sebastian, and Michael M Aruldhas. Ameliorative effect of vitamin C on hexavalent chromium - induced delay in sexual maturation and oxidative stress in developing Wistar rat ovary and uterus. *'Toxicology and Industrial Health'*. 1–14, 27 **JIF: 0.9.**
9. Samuel JB, Stanley JA, **Roopha DP**, Vengatesh G, Anbalagan J, Banu SK, Aruldhas MM. Lactational hexavalent chromium exposure-induced oxidative stress in rat uterus is associated with delayed puberty and impaired gonadotropin levels. *Human and Experimental Toxicology*, March 2010, 30; 91-101 **JIF: 1.44.**

CONFERENCE/SYMPOSIUM – POSTER/PAPERS PRESENTED

1. ‘National conference on Western Ghats: Threats and Conservation (WGTC-2018) organized by PG and Research Dept of Zoology, The American College, Madurai in association with Save Western Ghats Movement (SWGMM) on 17th Oct 2018 - Poster
2. “Histopathology study of Herbal extracts on Cadmium Toxicity in the Ovary of Female Wistar Rats” in the National Conference Impacts of Pollution on Health and Restoration of Quality Environment through Biotechnology Applications (EBAC-2018).
3. “Comparative Study of the Physiochemical Characteristics of Water Samples Collected from Different Ponds of Tuticorin District, Tamil Nadu” in the ‘National Conference Impacts of Pollution on Health and Restoration of Quality Environment through Biotechnology Applications (EBAC-2018)’ - (Poster).
4. “Comparative studies on the Antibacterial effect of Food preservatives in the growth Of Bacteria” in the ‘Recent Advances in Biological Sciences’ organized by Department of Biochemistry and Microbiology, Sourashtra College, Madurai on 22nd September 2017(Poster).
5. “Inhibitory Effect of Traditional Medicinal Plant extracts on pathogenic microorganisms” in the ‘Recent Advances in Biological Sciences’ organized by Department of Biochemistry and Microbiology, Sourashtra College, Madurai on 22nd September 2017 (Poster).
6. “Evaluation of Xenobiotic compounds (Cd, Cr) effect on histopathology of Freshwater Stinging Catfish, *Heteropneustes fossilis*” in the ‘National seminar on OCEANIA ’17.
7. Studies on the Antimicrobial Effects of *Zingiber Officinale Roscoe*, *Piper Nigrum*, *Nigella Sativa* and *Brassica nigra*. International Seminar on Healthcare and Contraception – ISHC-2017.
8. Screening of some traditionally used medicinal plants for potential antibacterial activity. International Conference in Recent trends in Science Education -NCRTSE-2015.
9. Comparative studies on the antimicrobial activity of herbal plants against some human bacterial pathogens.)National Conference on Conservation of Aquatic and Terrestrial Biodiversity-NCAT-2015.
10. Natural Herbal extraction for heavy metals (Cadmium & Chromium) persuaded Antioxidants in the uterus of Female Wistar rats. International seminar on DIET and DIABETES – DIA-FEST’14.
11. “Oxidant – Antioxidant Status in the Uterus of matured Rats on exposure to Chromium”- State level seminar on Recent Trends in Environmental Safety-2006 (*Oral presentation-First prize award for best paper presentation*).

CONFERENCE/SEMINAR/WORKSHOP – PARTICIPATION

1. Curriculum development Workshop held in the PG and Research Dept of Zoology, The American College, Madurai on 21st June 2019.
2. ‘National conference on Emerging trends in Entomology(ETIE-2019)’ organized by PG and Research Dept of Zoology, The American College, Madurai on 7&8th March 2019.
3. ‘National conference on Coral reef: Threats and Conservation (CRTC-2019)’ organized by PG and Research Dept of Zoology, The American College, Madurai on 12th February 2019.
4. ‘National conference on Western Ghats: Threats and Conservation (WGTC-2018)’ organized by PG and Research Dept of Zoology, The American College, Madurai in association with Save Western Ghats Movement (SWGMM) on 17th Oct 2018.
5. ‘National Conference Impacts of Pollution on Health and Restoration of Quality Environment Through Biotechnology Applications (EBAC-2018)’ organized by PG and Research Dept of Zoology and Dept of Immunology & Microbiology, The American College, Madurai during 2 & 3 Feb 2018.
6. National seminar on ‘Recent Advances in Biological Sciences’ organized by Department of Biochemistry and Microbiology, Sourashtra College, Madurai on 22nd September 2017.
7. ‘National seminar on OCEANIA ’17’ organized by Sarah Tucker College, Tirunelveli on 01 Sep 2017.
8. “National Seminar on Health status of women in India” organized by the Department of Economics and Research Centre, Sarah Tucker College, Palayamkottai -2017.
9. “State Level Seminar on Current Trends in Nature Conservation” conducted by PG Department of Zoology, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India- 2017.
10. “State Level Seminar on Biodiversity Conservation” conducted by Department of Botany and Department of Food Science and Nutrition, Sarah Tucker College, Palayamkottai -2017.
11. “International Research Dissemination Seminar” at University of Zambia (UNZA), Zambia - 2015.
12. “National Conference in Recent trends in Science Education -NCRTSE-2015” at St.Eugene University, Zambia.
13. National Conference on Conservation of Aquatic and Terrestrial Biodiversity at St.John’s College, Palayamkottai, TamilNadu, India -2015.

14. International seminar on DIET and DIABETES – DIA-FEST’14 at Sarah Tucker College, Palayamkottai, TamilNadu, India -2014.
15. National seminar on “Recent trends in Endocrinology” conducted by Department of Zoology, St.Xavier’s College Palayamkottai-2014.
16. “National workshop on Health Heed – NWHH’14” at Sarah Tucker College, Palayamkottai, TamilNadu, India -2014.
17. National workshop on “NEFFF’13 –Nellai Fish Food Festival” for fish production and value added products conducted by St.Xavier’s College Palayamkottai-2013.
18. “Instrument maintenance training programme” at Sarah Tucker College, Palayamkottai - 2013.
19. “Faculty Enrichment Workshop” at Sarah Tucker College, Palayamkottai -2012.
20. National seminar on “New Vistas of genetically modified crops and Food processing” conducted by Department of Botany and Department of Food Science and Nutrition, Sarah Tucker College, Palayamkottai -2012.
21. “Marine Biodiversity Richness and Plant-Animal interaction” National workshop cum awareness programme conducted by Gulf of Mannar Biosphere Reserve Trust & Forest Department, Ramanathapuram-2011.
22. “Faculty Enrichment Workshop” at Sarah Tucker College, Palayamkottai -2011.
23. State level seminar on “Recent Trends in Environmental Safety” at Rani Anna Govt.College for Women, Tirunelveli, India – 2006
24. “Regional Workshop on Techniques in Biology” conducted by St.John’s College, Palayamkottai-2004.
25. III South Zone “CME MEET” at Vivek Institute of Laboratory Medicine, Nagerkoil - 2004.
26. “Animal preservation training” conducted by Archaeological Department, Tirunelveli -2001.