

FACULTY PROFILE

Name : **Dr. K.MAHALAKSHMI**
Qualification : M.Sc., M.Phil., Ph.D., SET
Designation : Associate Professor
PG & Research Dept. of Biochemistry

Years of

Experience : **UG** : 17 **PG** : 16

Email Id : mahalais@gmail.com

Areas of

Specialization : Pharmacology and Toxicology

Publications

- 1) **K.Mahalakshmi** and L.Veerakumari. Screening of *Andrographis paniculata* leaf extract (APLE) on single and repeated dose toxicity study. The International journal of analytical and experimental modal analysis. Volume XII, Issue I, January/2020 pp:1124-1133 ISSN NO: 0886-9367.
- 2) **K. Mahalakshmi** and L Veerakumari protective potential of *Andrographis paniculata* (nees) leaf extract on acetaminophen-induced mitochondrial dysfunction in rats. Asian Journal of Innovative Research 4(4) 07-10 (2019). ISSN 2455 7285.
- 3). K. Kavitha, **K. Mahalakshmi** and Vishnu Kiran Manam. Free radical scavenging activity of methanolic extract of green alga *Valoniopsis Pachynema*. World Journal of Pharmaceutical Sciences.30.9.2015 ISSN (Print): 2321-3310; pp 2321-3086.
- 4) K. Kavitha, **K. Mahalakshmi** and Vishnu Kiran Manam. In vitro antioxidant activity of methanolic extract of green alga *Valoniopsis pachynema*. World Journal of Pharmaceutical Sciences.30.9.2015 ISSN (Print): 2321-3310; pp 2321-3086.
- 5) G.Pushpakiran, **K.Mahalakshmi** and C.V.Anuradha. Taurine prevents ethanol-induced alterations in lipids and ATPases in rat tissues. Phar.rep.2005, 57: pp 578-587.
- 6) G.Pushpakiran, **K.Mahalakshmi** and C.V.Anuradha. Protective effect of taurine on glutathione and glutathione dependent enzymes in ethanol-fed rats. Pharmazie, 2004 59: pp 869-872.
- 7) G.Pushpakiran, **K.Mahalakshmi** and C.V.Anuradha. Taurine restores ethanol-induced depletion antioxidants and attenuates oxidative stress in rat tissues. Amino Acids.2004,27: pp 91-96.
- 8) **K.Mahalakshmi**, G.Pushpakiran and C.V.Anuradha. Taurine prevents acrylonitrile-

induced oxidative stress in rat brain. Pol.J.Pharmacol.2003, 55: pp 1037-1045.

International Conference Presentations:

- 1) **K. Mahalakshmi** and D.Sreeja. Anti bacterial activity of *Indigofera aspalathoides* an International conference on emerging trends and challenges in science and technology.,held on March 1 and 2 , 2013, Bhaktavatsalam memorial College for Women, Ch-80
- 2) **K.Mahalakshmi** and C.V.Anuradha: Taurine prevents oxidative stress in the rat brain. International Conference on Role of Free Radicals and Antioxidants in Health and Disease and IInd Annual Conference of SFRR-India held on February 10-12, 2003 at Annamalaiagar, Tamilnadu.
- 3) **K.Mahalakshmi** and L.Veerakumari Holistic approaches on combating anthelmintic resistance – an update in parasitology. International conference held on march 7-8, 2012, TANUVAS , Veppari, Chennai -7

National Conference Presentations:

- 1) **K. Mahalakshmi** and Meenakshi.G National conference on recent trends and development in health and chemical sciences. 30 & 31st January 2018. A member of organizing committee and presented a paper.
- 2) **K.Mahalakshmi** and L.Veerakumari: Protective potential of *Andrographis paniculata* (Nees) leaf extract on acetaminophen-induced DNA damage. Frontiers in biomedical science and exhibition on Medicinal plants, held on Feb 27-2- 2009 at Pachaiyappa's College, Chennai
- 3) **K.Mahalakshmi** and L.Veerakumari: Protective potential of *Andrographis paniculata* (Nees) leaf extract on acetaminophen-induced mitochondrial dysfunction in rat. Recent developments in biomedical research on oral health and 29th annual conference of Indian association of biomedical scientists held on December 12-14, 2008 at Ragas Dental College & Hospital, Chennai..
- 4) **K.Mahalakshmi** and L.Veerakumari: Effect *Andrographis paniculata* on acetaminophen induced alterations in membrane-bound ATPases and inorganic ion transport in rats. National conference on current trends in medicinal plant research and herbal technology held on March 7-8, 2008 at Pachaiyappa's College, Chennai.
- 5) **K.Mahalakshmi** and L.Veerakumari: Toxicological evaluation of *Andrographis paniculata* in rats. Symposium on Bioresources in the development of medicine and

28th annual conference of Indian association of biomedical scientists held on September 20-22, 2007 at Bharathidasan University, Trichy.

- 6) **K.Mahalakshmi** and C.V.Anuradha: Protective effect of taurine on acrylonitrile–induced alterations in lipids and ATPases in rat tissue. Society of Biological Chemists (India), Annamalainagar Chapter, XIII Annual Scientific Meet, held on February 28, 2004 at Annamalainagar.
- 7) **K.Mahalakshmi** and C.V.Anuradha: Ameliorative effect of taurine on acrylonitrile–induced biochemical alterations in rat. Society of Biological Chemists (India), Annamalainagar Chapter, XIII Annual Scientific Meet, held on February 22, 2003 at Annamalainagar.

Conferences/Workshops/Seminar/Webinars Participated

- 1) Faculty development program Organised by the Department of M.A (HRM) & BBA in Bhakthavatsalam Memorial College For Women–Korattur, Chennai-80 , on 4th May 2019.
- 2) Hands on workshop on basic techniques in Genetics, Cell biology and Animal cell culture. Organised by the Department of Human genetics & Molecular biology and Biotechnology, Bharathiyar University from 30th April to 4th may 2018.
- 3) 3. Workshop on Bioinformatics and Information technology held during May 16-25, 2005, conducted by Bioinformatics center, Madras Veterinary College, Chennai-7.

Memberships Details:

- Editorial board Member in South Asian journal of Botany
