

## VASANTH DHAKSHINAMOORTHY

**1. Name of the Professor** : Vasanth Dhakshinamoorthy

**Qualification** : Ph.D

**Google Scholar** : <https://scholar.google.co.in/citations?user=GT-fl0AAAAJ&hl=en>

**OrcID** : <https://orcid.org/0000-0001-5799-4614>

### 2. Research Interest

Neurodegenerative disorders; Neurotoxicology

### 3. Achievements / Awards

- **University Research Fellowship:** Meritorious research fellowship to support PhD from Bharathiar University, Coimbatore, India. (2008-2011)
- **National Fellowship:** ICAR-NDRI fellowship for Master of Science program funded by the Indian Council of Agricultural Research (**ICAR**), Karnal, India. (2001-2004)
- **International Travel Grant:** European Commission 6<sup>th</sup> Framework Marie Curie Grant to attend 5<sup>th</sup> International Stem Cell School on Regenerative Medicine at Rostock University, **Germany**. (2008)
- **Best Research Paper Award:** For the research article, “A preliminary study of Isolation and Characterization of Embryonic-Stem Cell like Cells from in vitro produced goat Blastocysts” published in Indian Journal of Dairy Science. (2008)

### 4. Publications

1. Vasanth Dhakshinamoorthy, Vijayprakash Manickam, Ekambaram Perumal (2019). Iron Oxide Nanoparticles Affects Behavior and Monoamine Levels in Mice. *Neurochemical Research*. <https://doi.org/10.1007/s11064-019-02774-9> (IF: 2.772)
2. Vijayprakash Manickam, Vasanth Dhakshinamoorthy, Ekambaram Perumal (2018). Iron Oxide Nanoparticles Induces Cell Cycle-Dependent Neuronal Apoptosis in Mice. *Journal of Molecular Neuroscience*. <https://doi.org/10.1007/s12031-018-1030-5> (IF: 2.454)
3. Vasanth D, Vijayprakash M, Ekambaram P (2017). Neurobehavioral Toxicity of Iron Oxide Nanoparticles in Mice. *Neurotoxicity Research*. 32:187–203. <https://doi.org/10.1007/s12640-017-9721-1> (IF: 3.186)
4. Vijayprakash Manickam, Madhivadhani Periyasamy, Vasanth Dhakshinamoorthy, Lakshmikanthan Panneerselvam, Ekambaram Perumal (2017) Recurrent Exposure to Ferric Oxide Nanoparticles Alters Myocardial Oxidative Stress, Apoptosis and Necrotic Markers in Male Mice. *Chemico-Biological Interactions*. <https://doi.org/10.1016/j.cbi.2017.10.003> (IF: 3.296)
5. Muthukirshnan Saradhadevi, Murugesan Gnanadesigan, Gnanajothi Kapildev, Dhakshinamoorthy Vasanth (2017). Dataset on antitumor properties of silver

nanoparticles from *Gloriosa superba* (L.) seed on Dalton Lymphoma Ascites (DLA) tumor: Facile and biocompatible approach. *Data in Brief*.  
<https://doi.org/10.1016/j.dib.2017.08.003>

6. Sujatha Purushothaman, Azhwar Raghunath, Vasanth Dhakshinamoorthy, Lakshmiathan Panneerselvam & Ekambaram Perumal (2014): Acute exposure to titanium dioxide (TiO<sub>2</sub>) induces oxidative stress in zebrafish gill tissues. *Toxicological and Environmental Chemistry*.  
<https://doi.org/10.1080/02772248.2014.987511> (IF: 0.795)
7. P Ekambaram, T Namitha, S Bhuvanewari, S Aruljothi, D Vasanth, M Saravanakumar (June 2010). Therapeutic efficacy of Tamarindus Indica (L) to protect against Fluoride - Induced Oxidative Stress in the liver of female Rats. *FLUORIDE*. 43(2):134-140. (IF: 1.342)

#### **5. Projects Guided for Ph.D., MPhil., MSc.,**

Completed 14 M.Sc project works in the field of systemic toxicology.

#### **6. No. of teaching years**

Eight (8) years of teaching at University level.