

## Resume

### Name of the Faculty : Dr.J.Manivannan

Designation : Assistant Professor

Department of Environmental Sciences, Bharathiar University

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### Current Area of Research

Three Specialization : Environmental Health, Systems Biology and Toxicology, Exposomics

<b>SCOPUS ID:</b>	<b>53880129300</b>	<b>Researcher ID:</b>	<b>0000-0003-3948-0155</b>	<b>Google Scholar ID:</b>	<b>eHilxIYAAAAJ&amp;hl=en</b>	<b>VIDWAN ID:</b>	<b>-</b>
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### Education

Ph.D. (2014) – Annamalai University, Chidambaram, India

M.Phil. (2011) - Annamalai University, Chidambaram, India

M.Sc. (2009) – Annamalai University, Chidambaram, India

### Professional Experience (In Chronological Order after Ph. D. onwards)

**Designation:** Postdoctoral fellow, Anna University – KBC RC, Chennai, (Apr 2014-Jan 2016)

SERB-Young Scientist, Anna University – KBC RC, Chennai, (Feb 2016-Nov 2016)

Assistant Professor – Dept. of Env. Sci, Bharathiar University (Nov 2016-till date)

### Additional Responsibilities (In Bharathiar University)

SWAYAM Mentor of the Department

BOS Member – Dept. of Environmental Sciences

DST-PURSE-DNA Sequencing Facility Operation Committee member

### Awards/Fellowships

SERB – Young Scientist Fellowship – 2015

UGC- DSK-PDF Postdoctoral Fellowship – 2014

RP Endowment award – Annamalai University (1<sup>st</sup> rank in M.Phil.)

### Foreign Countries Visited: NIL

### Sponsored Projects

**Completed** : SERB-1 (40,15,000)

**Ongoing** : Nil

### Research Guidance

Ph.D. : Completed – 0; **Ongoing - 1**; M. Phil. : Completed -0; Ongoing – 0

M. Sc. : **9** PG Diploma – 0

## Research Publications

**Journals:** International: 25 National: 6 Reports:  
**0Conference Papers**(Presented): International : 4 National: 2  
**Books :0 Book Chapters : 5**

## Citation

Total Number of Citations : 351 (as on 28.02/2020); h-index – 10

## Five Significant/Recent Publications

- A PROTEOME-WIDE SYSTEMS TOXICOLOGICAL APPROACH DECIPHERS THE INTERACTION NETWORK OF CHEMOTHERAPEUTIC DRUGS IN THE CARDIOVASCULAR MILIEU. S Giri, J Manivannan, S Bhuvaneshwari, S Lakshmikirupa, P Gajalakshmi and S Chatterjee, RSC ADVANCES, **8**, 20211-20221 (2018)
- OXIDATIVE ENVIRONMENT CAUSES MOLECULAR REMODELING IN EMBRYONIC HEART-A METABOLOMIC AND LIPIDOMIC FINGERPRINTING ANALYSIS. M Shairam, T Deepak, M Prashanth, S Viswanathan, J Sivasubramanian, S Lakshmikirupa, S Rajalakshmi, J Manivannan. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH INTERNATIONAL, **24**, 23825-23833 (2017)
- TRANSCRIPTOMIC ANALYSIS OF THALIDOMIDE CHALLENGED CHICK EMBRYO SUGGESTS POSSIBLE LINK BETWEEN IMPAIRED VASCULOGENESIS AND DEFECTIVE ORGANOGENESIS, V Vimal, Pavitra Kumar, S Lakshmikirupa, ZeenathMafitha, G Ravi, S Uttara, J Manivannan, S Chatterjee. CHEMICAL RESEARCH IN TOXICOLOGY, **30**, 1883-1896 (2017)
- DISTURBED FLOW MEDIATED MODULATION OF SHEAR FORCES ON ENDOTHELIAL PLANE: A PROPOSED MODEL FOR STUDYING ENDOTHELIUM AROUND ATHEROSCLEROTIC PLAQUES.B Uma MaheswariBalaguru, S Lakshmikirupa, J Manivannan, M Reji, M Krishnapriya, S Akila, V Saravanakumar, K Dharanibalan, S Chatterjee. SCIENTIFIC REPORTS, **6**, 27304 (2016)
- SINAPIC ACID PREVENTS HYPERTENSION AND CARDIOVASCULAR REMODELING IN PHARMACOLOGICAL MODEL OF NITRIC OXIDE INHIBITED RATS. TSilambarasan, JManivannan, MKrishna Priya, NSuganya 3, S Chatterjee 4, BRaja. PLOS ONE,**9**, e115682 (2015)

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