

## FACULTY VITAE

### 1. Name : Dr. Gomathi.K

### 2. Education

Degree: Ph.D

Discipline: Bioorganic and Neurochemistry

Institution : CLRI

Year: 2007



### 3. Academic experience:

Duration : 2009-Till date

College/Institute: Dr.M.G.R Educational and Research Institute

Rank and Department: Associate Professor, Biotechnology, Full Time

### 4. Non- Academic Experience :

- Post-Doc Fellowship : 2008-2009, University of Saskatchewan –Department of Pharmacology
- CSIR Senior Research Fellowship: 2005-2008, CLRI, Chennai- Department of Bio Organic and Neuro Chemistry
- CLRI in house junior research fellowship: 2001-2005

### 5. Certifications or professional registrations :

- Laboratory Safety & WHMIS, Conducted by Dept of Health and Safety and Environment, University of Saskatchewan, Canada
- Bio Safety, Conducted by Dept of Health and Safety and environment, University of Saskatchewan, Canada, .
- Transportation of Dangerous Goods, Conducted by Dept of Health and Safety and environment, University of Saskatchewan, Canada
- Basic Handling of Rodents, Conducted by Dept of Animal Resource Centre University of Saskatchewan, Canada
- Introduction to Rodent Anesthesia, Conducted by Dept of Animal Resource Centre University of Saskatchewan, Canada
- Basic surgical skills for Investigators, Conducted by Dept of Animal Resource Centre University of Saskatchewan, Canada

### 6. Current membership in professional organizations :

- Society of biological chemist
- IAENG
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### 7. Honors and awards :

S.No	Award	Year
1.	Invited for DST – Department of Science and Technology sponsored India International Science Festival (IISF)	2018
2.	Anti Vigilance Pledge	2018

3.	<b>Founder Chancellor award for Research</b>	<b>2017</b>
4.	<b>Best Outstanding Research Award</b>	<b>2016</b>
5.	<b>Special Invitee for CII (Confederation of Indian Industries) -Green Power</b>	<b>2016</b>
6.	<b>Research Appreciation Certificate</b>	<b>2016</b>
7.	<b>Research Appreciation Certificate</b>	<b>2015</b>

**8. Service activities :**

S.No	SERVICE ACTIVITIES	Year
1	Department Time table Coordinator	2011 – Till Date
2	Department Workload Coordinator	2013 – Till Date
3	Capstone Project Coordinator	2010 – 2015
4	Journal Club Coordinator (Sanger's Journal Club)	2018 – Till Date
5	Research Coordinator	2018 – Till Date
6	Department NAAC Coordinator	2014
7	Department UGC Coordinator	2017
8	Department NBA Committee Member	2017
9	Department ABET Coordinator	2018
10	SBC (Society Of Biological Chemists) Coordinator	2013 – Till Date
11	Department Convocation Committee Member	2010 – Till Date
12	In Charge - Plant Tissue Culture & Animal Tissue Culture Lab	2013 – Till Date
13	Sanitary Awareness Program for Janitors	2016
14	Plastic Awareness Campaign	2015
15	Participated in the Road safety and wearing Helmet Awareness Rally	2015

**8. Publications and Presentations ( past five years) :**

- Sandhya A, Gomathi Kannayiram ALZHEIMER'S DISEASE THERAPEUTIC APPROACHES Vol 11, Issue 7, 2018
- Reslee Elsa Varghese, Ragavan D, Saranya Sivaraj, Dasararaju Gayathri, Gomathi Kannayiram Anti-inflammatory activity of syzygium aromaticum silver nanoparticles: in vitro and in silico study, 2018, Asian Journal of Pharmaceutical and Clinical Research
- Saranya sivaraj, Gomathi kannayiram and Gayathri dasararaju, 2017 'Evaluation of antidiabetic activity of different extracts of myristica fragrans houtt: in vitro and in silico

studies'. Asian Journal of Pharmaceutical and Clinical Research

- Haribabu, J., Subhashree, G.R., Saranya, S., Gomathi, K., Karvembu, R, and Gayathri D, 2016, 'Isatin based thiosemicarbazone derivatives as potential bioactive agents: Anti-oxidant and molecular docking studies', Journal of Molecular Structure 185-195
- Haribabu Jebiti, Subhashree Govindarajulu Rangabashyam, Saranya Sivaraj, Gomathi Kannayiram, Ramasamy Karvembu and Gayathri Dasararaju,(2015) 'Synthesis, crystal structure, and in vitro and in silico molecular docking of novel acyl thiourea derivatives', Journal of Molecular Structure, 281–291
- Gomathi, K and Gayathri, D.,2014, 'Protective effects of  $\alpha$  - crystallin on  $\beta$  - amyloid induced toxicity', International Journal of Pharmacy and Pharmaceutical Sciences,. Vol 6(6):614-620.
- Gomathi, K and Gayathri, D., 2014, 'Chitosan Gallic acid Microsphere Incorporated Collagen Matrix for chronic Wounds: Biophysical and Biochemical Characterization,' International Journal of Pharmacy and Pharmaceutical Sciences 102(4):1173-9. 29.