

RESUME

GEENA MARIYA JOSE

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CAREER OBJECTIVE

Seeking a challenging job that utilize and further sharpen my skills and where I can dedicate my thoughts, ideas and hard work for the growth of the institute.

EDUCATIONAL PROFILE

QUALIFICATION	NAME OF THE SCHOOL/COLLEGE	NAME OF THE BOARD/UNIVERSITY	% OF MARKS	YEAR OF PASSING
Ph.D (Biochemistry)	Department of Biochemistry	University of Kerala		Thesis submitted on 10-01-2018
M.Sc (Biochemistry)	S.B college, Changanacherry.	Mahatma Gandhi University, Kottayam.	70%	2011
B.Sc.(Biotechnology, Biochemistry, Genetics)	Kristu Jayanti College, Bangalore.	Bangalore University	80%	2009
Higher Secondary	St.Antony's H.S.S Poonjar	Kerala State Board	85%	2006
S.S.L.C.	S H G H S Bharananganam.	Kerala State Board	92%	2004

ADDITIONAL QUALIFICATIONS

LECTURESHIP (NET) DECEMBER 2012

GATE 2013

TEACHING EXPERIENCE

- Worked as a biochemistry lecturer in the department of Biotechnology, U C College, Aluva, for 9 months (June 2012 - Feb 2013)

RESEARCH EXPERIENCE

- Research scholar in the Department of Biochemistry, University of Kerala, Karyavattom campus from 03-04-2013 to 10-01-2018.

OTHER EXPERIENCES

- Worked as a Clinical Biochemist trainee at DDRC SRL Pvt. Ltd. Panampilly Nagar, Cochin, for three months.(Feb-April,2012)

PRACTICAL SKILLS

- **Techniques-** Colorimetry, Spectrophotometry, SDS PAGE, AGE, FTIR, PCR, microscopy.
- **Clinical instrumentation-** Centrifuge, 9180 Electrolyte analyzer, Microlab 300, Cobas Integra 400 plus, Mini Vidas, Seimen's Centaur, Seimen's Dimension, D10.
- **Animal cell line culture**
- **Animal handling**

Ph.D THESIS TITLE

- Immunomodulatory and anticancer potentials of sulfated polysaccharides from the marine algae *Padina tetraströmatica*

PUBLICATIONS

1. Jose, G. M., & Kurup, G. M. (2017). The efficacy of sulfated polysaccharides from *Padina tetraströmatica* in modulating the immune functions of RAW 264 .7 cells. *Biomedicine et Pharmacotherapy*, 88, 677–683.
2. Jose, G. M., & Kurup, G. M. (2015). Antioxidant and antimetabolic activities of sulfated polysaccharide from marine brown algae *Padina tetraströmatica*. *Journal of Phytology*, 7, 39–51.
3. G M. Jose & G M. Kurup, Biological Responses of Algal Derived Sulfated Polysaccharides: An Emphasis on Cancer Prophylaxis (Review article) (2015). *Trends in Biomaterials and Artificial Organs*. 2, 1–5.
4. Jose, G. M., & Kurup, G. M. (2017). Sulfated polysaccharides from *Padina tetraströmatica* arrest cell cycle, prevent metastasis and

downregulate angiogenic mediators in HeLa cells. *Bioactive Carbohydrates and Dietary Fibre*, 12, 7-13.

5. A Radhakrishnan, G.M. Jose & M. Kurup (2015). PEG-penetrated chitosan–alginate co-polysaccharide-based partially and fully cross-linked hydrogels as ECM mimic for tissue engineering applications, *Progress in Biomaterials* 4, 101–112.
6. Raghavankutty, M., Jose, G. M., Sulaiman, M., & Kurup, G. M. (2017). Evaluating the biocompatibility of marine-derived chitosan–collagen polymeric blends for biomedical applications. *Journal of Bioactive and Compatible Polymers*. December, 1-17.

PRESENTATIONS

1. Presented a poster entitled “Sulfate containing bioactive polysaccharide from *Padina tetrastromatica*: An oxidative stress relieving paradigm” in National Seminar on Recent Approaches in Biochemical Research (RABR,2014), organized by Department of Biochemistry, University of Kerala, Trivandrum from 28th and 29th October, 2014.
2. Presented a poster entitled “*In vitro* cytotoxic effects of *Padina tetrastromatica* derived marine sulfated polysaccharide on cultured HeLa cells” in International symposium on photochemistry and Dr. A Hisham endowment award ceremony, organized by Kerala Academy of Science, Trivandrum on 25/04/2015.
3. Presented a paper entitled “Protective effect of marine sulfated polysaccharide from *Padina tetrastromatica* against free radical induced impairment on L929 fibroblast cells” in National seminar on current trends in medical biochemistry and biological research (BIOSPARK-15), organized by School of Medical Education, M G University, Kottayam on 12/08/2015 (**Award for best oral presentation**).
4. Presented a paper entitled “*In vitro* immunostimulatory activity of sulfated polysaccharide from marine brown algae *Padina tetrastromatica* on RAW 264.7 cells” in International Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-II), organized by Department of Biochemistry, University of Kerala, Trivandrum from 09/12/2015 to 11/12/2015.
5. Presented a paper entitled “Pharmacological significances of sulfated polysaccharides derived from edible marine algae of Kerala coast” in 9th National seminar on medicinal plants, organized by Govt. Ayurveda

college, Pharmacognosy unit, Trivandrum from 14/01/2016 to 15/01/2016.

6. Presented a paper entitled “Amelioration of H₂O₂ induced apoptosis in L929 fibroblast cells by sulfated polysaccharide from *Padina tetrastromatica*” in UGC Sponsored national seminar on Marine Biodiversity and Bioprospecting for sustainable Livelihood (MBBSL 2016), organized by The Department of Marine Biology, Microbiology and Biochemistry, CUSAT, Cochin from 21/03/2016 to 22/03/2016.
7. Presented a paper entitled “Marine algal polysaccharides-the promising therapeutic agents in anti cancer mission” in Young Scientists’ Conclave (YSC) of India International Science festival (IISF), organized by National Physical Laboratory-CSIR and Department of Science and Technology, New Delhi from 7/12/2016 to 11/12/2016.
8. Presented a paper entitled “Sulfated polysaccharides from *Padina tetrastromatica* induce apoptosis, arrest cell cycle and prevent metastasis in HeLa cells” in National Seminar on Recent Biochemical Approaches in Therapeutics (RBAT-III), organized by Department of Biochemistry, University of Kerala, Thiruvananthapuram from 15-02-2017 to 17-02-2017 (**Young researcher award**).
9. Presented a poster entitled “Anticancer and immunomodulatory activities of sulfated polysaccharides from *Padina tetrastromatica* in DLA tumor induced mice” in International seminar on Recent Biochemical Approaches in Therapeutics (RBAT-IV), organized by Department of Biochemistry, University of Kerala, Thiruvananthapuram from 23-01-2018 to 25-01-2018. (**Award for best poster presentation**).

AWARDS

- Best poster presentation award, RBAT-IV, organized by Department of Biochemistry, University of Kerala, Thiruvananthapuram from 23-01-2018 to 25-01-2018.
- Young researcher award, RBAT III organized by Department of Biochemistry, University of Kerala, Thiruvananthapuram, from 15-02-2017 to 17-02-2017.
- Best oral presentation award, BIOSPARK-15 at M G University, Kottayam on 12/08/2015.
- President Guide award, 2003

PERSONAL PROFILE

Name : GEENA MARIYA JOSE
Father's name : K. J Joseph
Mother's name : Valsamma Joseph
Date of Birth : 05-05-1989
Gender : Female
Marital status : Single
Nationality : Indian
Religion : Christian, RCSC
Languages known : Malayalam, English

DECLARATION

I hereby declare that all the above mentioned particulars are true to the best of my knowledge and beliefs.

Thanking you.

Yours faithfully,

Place: Kottayam

Date: 22-01-2018

Geena Mariya Jose