



## PERSONAL DETAILS

Name : Sartaj Ahmad Allayie

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Address: Nildoora, Herman,  
Shopian, Jammu and Kashmir-192303,  
Srinagar

Date of birth: April 15, 1985

Place of birth: Nildoora

Gender: Male

Nationality: Indian

LinkedIn: [in.linkedin.com/in/sartaj-ahmad-allayie-6967493a](https://www.linkedin.com/in/sartaj-ahmad-allayie-6967493a)

Google scholar :  
<https://scholar.google.com/citations?user=l9IbhzIAAAAJ&hl=en>

LiveDNA:  
<https://livedna.net/?dna=91.41106>

## SUMMARY

To pursue a successful career with research/teaching orientation in the field of Zoology, Endocrinology, Dermatology, Cancer biology and Toxicology. Dedicated college/university level teacher with more than 8 years of experience in teaching and research in the different fields of Zoology. Taught 300+ students at college and university level with a 99% pass rate. Published more than 30 research papers, book chapters and several books. Presently serving as reviewer in different journals and the responsible editor for the International Journal Of Current Research In Applied Biology (IJCRAB) published by World Biologica India/USA.

## EDUCATION

- PhD.** **2011 - 2014**  
Annamalai University, Tamilnadu, India  
**Ph.D., THESIS TITLE**  
*Phytochemical Composition, Bioactivity And Anticancer Potential Of Leaf Extracts Of Naringi Crenulata (ROXB.) Nicolson*
- M.phil** **2009 - 2011**  
Annamalai University, Tamilnadu, India  
**M.PHIL, THESIS TITLE**  
*Metabolic Effects Of Sinus And Mandibular Glands Of The Ghost Crab Ocypode macrocera (Milneedwards, 1852)*
- M.Sc (Zoology)** **2007 - 2009**  
Annamalai University, Tamilnadu, India
- B.Ed (BIO-SCIENCE)** **2015 - 2016**  
University of Kashmir, Jammu and Kashmir
- B. Sc** **2003 - 2006**  
University of Kashmir, Jammu and Kashmir
- 12th** **2002 - 2003**  
Higher secondary School, Shopian, Jammu and Kashmir

## SKILLS

- ✓ Experienced in carrying out different in vivo and in vitro Pharmacological models for screening and evaluation of different classes of drugs
- ✓ Experienced in carrying out phytochemical analysis like isolation, purification, characterization of phyto-compounds
- ✓ Well versed in performing minor surgical procedures in animals like cannulation of veins, etc
- ✓ Experienced in teaching and research at college/university level
- ✓ Experienced in tissue culture techniques
- ✓ Well versed with use of different softwares like MSoffice, Macromedia Director, SPSS and other research oriented softwares etc.

## TEACHING EXPERIENCE

S.NO	Name of the Institution where served	From)	To
1	Govt. P.G. College, Rajouri	13/08/2014	14/06/2015
2	Govt. Degree College, Shopian	15/06/2015	31/03/2016
3	Govt. Degree College, Kulgam	06/04/2016	31/03/2017
4	Govt. Degree College, Shopian	29/04/2017	02/11/2017
5	Govt. Degree College, Shopian	07/04/2018	31/07/2019
6	Govt. Degree College, Shopian	05/03/2020	26/12/2020
7	Govt. Degree College, Tangdhar Karnah	03/08/2021	27/12/2021
8	Govt. Degree College, Kulgam	08/07/2022	26/12/2022
9	Govt. Degree College, Anantnag	11/04/2023	present

## PUBLICATIONS

- ❖ Faisal Sualeh Hayyat, **Sartaj Ahmad Allayie**, Junaid Ahmad Malik, Sabzar Ahmad Dar. The Role of Dietary Fiber in Promoting Health: A Review of Choice and Outcomes. Food Process Engineering And Technology; *Safety, Packaging, Nanotechnologies And Human Health, Springer Nature* (2024):494-504
- ❖ **Sartaj Ahmad Allayie**. Investigation of antiproliferative and genotoxic effects of leaf extract of *naringi crenulata* (roxb.) Nicolson on non-small cell lung cancer cells. (2024) under review
- ❖ **Sartaj Ahmad Allayie**. Anti-angiogenic effects of *naringi crenulata* leaf extract on chick chorioallantoic membrane (cam) assay (2024) under review
- ❖ **Sartaj Ahmad Allayie** , Mushtaq Ahmed Parray, Bilal Ahmad Bhat, S. Ravichandran1. Metabolic effects of sinus and mandibular glands of the ghost crab, *Ocypode macrocera*. International Journal of Bioassays 5.11 (2016): 5084-5090
- ❖ Bilal Ahmad Bhat, Mushtaq Ahmed Parray, **Sartaj Ahmad Allayie**, S. Ravichandran, Elanchezhiyan C. Cheliped abnormality and embryonic development of commercially important portunid crab, *Portunus sanguinolentus* (L.). International Journal of Bioassays 5.11 (2016): 5097-5104
- ❖ **Sartaj Ahmad Allayie**, Mushtaq Ahmed Parray, Bilal Ahmad Bhat, S. Hemalatha. Phytochemical evaluation of leaf extracts of *Naringi crenulata* (roxb.) Nicolson. *International Journal of Bioassays 5.11 (2016): 5110-5117*
- ❖ Mangat Ram Sharma, Raheela Mushtaq, **Sartaj Ahmad Allayie** And Harsh Vardha. Assessment of lethal toxicity of mancozeb and its consequences on the behavior of fresh water fish, *Puntius ticto*. Journal of international academic research for multidisciplinary

## LANGUAGES

- ❖ Urdu
- ❖ Hindi
- ❖ English
- ❖ Kashmiri

## HOBBIES

- ❖ Apiculture
- ❖ Gardening
- ❖ Insect Collection
- ❖ Visit Zoo or Aquarium

- ❖ Harsh Vardhan, A.K. Verma, **Sartaj Ahmad Allayie**, Raheela Mushtaq . Assessing physico-chemical studies of three fresh water springs of district rajouri – jammu. *Journal of international academic research for multidisciplinary*: 2320-5083, volume 3, issue 5, june 2015
- ❖ Ganapathy Rameshkumar\* , Samuthirapandian Ravichandran, **Sartaj Ahmad Allayie** Study of the functional morphology of mouthparts of parasitic isopods of marine fishes. *Asian Asian Pac J Trop Dis* 2013; 3(2): 127-132
- ❖ Gowri, K., C. Elanchezhian., S. Hemalatha., **Sartaj Ahmed Allayie.**, V. Shoba., S. Suhasini and A. Babby. Effect of Naringi crenulata extract on histopathological changes in streptozotocin induced diabetic rats. 2013. *Asian Journal of Science and Technology* 4(10): 136-139.
- ❖ Gowri, K., Elanchezhian, C., Hemalatha, S., **Sartaj Ahmad Allayie**, Babby, A., Shoba, V. and Suhasini, S. 2013. Validation of anti-diabetic activity of Naringi crenulata in control and streptozotocin induced diabetic rats. *International Journal of Current Research* 5(8):2399-2402.
- ❖ **Sartaj Ahmad Allayie**, S Hemalatha, C Elanchezhian, V Manoharan, K Balasubramanian and Bashir Ahmad Sheikh. 2012. In vivo Evaluation of Hair Growth Potential of Fresh Leaf Extracts of Naringi Crenulata. *J Clin Exp Dermatol Res* 3:148
- ❖ **Sartaj Ahmad Allayie**, Hemalatha S, Elanchezhian C, Manoharan V, Silambarasan N, et al. (2012) Protective Efficacy of Aqueous Extract of Naringi Crenulata Leaves against Shampoo (Endocrine Disruptor) Induced Toxicity in Labeo Rohita. *J Aquac Res Development* 3:130 doi:10.4172/2155-9546.
- ❖ **Sartaj Ahmad Allayie**, S. Ravichandran, S.Hemalatha, Bilal Ahmad Bhat and RM. Anbuchezhian. 2012. Natural diet of the moon crab, *Ashtoret miersii* (Henderson, 1887) collected from the southeast coast of India. *Egypt. Acad. J. Biolog. Sci.*, 4(1): 69-73.
- ❖ Bilal Ahmad Bhat, C. Elanchezhian , S. Ravichandran, **Sartaj Ahmad Allayie**, S. Hemalatha, V. Manoharan, Shabir Ahmad Rather and Mohmad Ishaq Bhat. 2012. Neuroendocrine Control of Water Content and Calcium Concentration in the Crab *Ocypode macrocera* (H. Milne-Edwards 1852) (Brachyura, Ocypodae). *Pakistan Journal of Biological Sciences* 15(6): 296-300.
- ❖ Bilal Ahmad Bhat, Elanchezhian, C., Sethupathy, S., Renju, V. C., Shoba, V., Hemalatha, S., Gowri, K., **Sartaj Ahmad Allayie**, Ovees Ahmad Bhat Suhasini, S. 2012. In-vitro Antioxidant activity of medicinal herb *Tribulus terrestris*. *Journal of Pharmacy Research*. 5: 2954-2958
- ❖ Bilal Ahmad Bhat, S. Ravichandran and **Sartaj Ahmad Allayie**. 2011. Neuroendocrine Role of Eyestalks in Respiratory Regulation of Swimming Crab *Portunus pelagicus* (Lineaus, 1857). *Insight Endocrinology and Metabolism*, 1: 1-6

## EDITORIAL RESPONSIBILITIES

- ❖ Serving as the responsible editor for the International Journal Of Current Research In Applied Biology (IJCRAB) published by World Biologica India/USA <https://journals.worldbiologica.com/ijcrab>

## BOOKS PUBLISHED

- ❖ Concept of Environmental Studies
- ❖ Apiculture <https://worldbiologica.com/apiculture>
- ❖ Tools and Techniques in Bioscience
- ❖ Practical manual of Zoology

- ❖ **Sartaj Ahmad Allayie**, S. Ravichandran, Bilal Ahmad Bhat. 2011. Hormonal regulatory role of eyestalk factors on growth of heart in mud crab, *Scylla serrata*. Saudi Journal of Biological Sciences 18, 283–286
- ❖ Bilal Ahmad Bhat, S. Ravichandran and **Sartaj Ahmad Allayie**. 2011. Influence of the Eyestalk Hormones on the Metabolism and Ionic Regulation of the Crab *Portunus pelagicus* (Lineaus, 1857). *Journal of Biological Sciences*. 11 (2): 203-209.
- ❖ Kanagasabapathy Sivasubramanian, Samuthirapandian Ravichandran, Ganapathy Rameshkumar, **Sartaj Ahmed Allayie**. 2011. Infestation of *Exocoetus volitans* (Linnaeus, 1758), a new host of *Nerocila exocoeti* (Crustacea, Isopoda, Cymothoidae). *Scientia Parasitologica*. 12:99-101.
- ❖ **Sartaj Ahmad Allayie**, S. Ravichandran, Bilal Ahmad Bhat. 2011. influence of sinus and mandibular glands on the growth and behaviour of *Ocypode macrocera*. *Insight endocrinology and metabolism*. 7-14.
- ❖ Bilal Ahmad Bhat, S. Ravichandran and **Sartaj Ahmad Allayie**. 2011. Effect of Eyestalk Ablation and Eyestalk Extract Injection on Oxygen Consumption in the Crab, *Ocypode macrocera* (H. Milne-Edwards 1852). *Current Research Journal of Biological Sciences*, 3(4): 313-317.
- ❖ **Sartaj Ahmad Allayie**, S. Ravichandran, Bilal Ahmad Bhat. 2010. Organization of the Nervous Systems of the Brachyuran Crab *Charybdis helleri* (Milne Edwards, 1867). *World Journal of Zoology*. 5:103-105.
- ❖ Sartaj Ahmad Allayie, S. Ravichandran, Bilal Ahmad Bhat. 2010. Role of Mandibular Glands in Growth of Mangrove Crabs, *Charybdis lucifera* (Fabricius, 1798). *World Journal of Zoology*. 125-128
- ❖ Bilal Ahmad Bhat, S. Ravichandran, K. Kumaravel and **Sartaj Ahmad Allayie**. 2010. Effect of Eyestalk Ablation and Eyestalk Extract Injection on the Light and Dark Adaptation in the Crab, *Ocypode macrocera* (H. Milne-edwards 1852). *World Journal of Zoology*. 5 (2): 106-109.
- ❖ **Sartaj Ahmad Allayie**, S. Ravichandran, Bilal Ahmad Bhat and K. Sivasubramanian. 2010. Isolation of Molt-inhibiting Hormone from Sinus Gland of the Prawn *Macrobrachium rosenbergii* (Deman, 1879). *Worl.J.Zol*. 5:53-55

## ARTICLES PUBLISHED

- ❖ **Sartaj Ahmad Allayie**, S. Ravichandran, Bilal Ahmad Bhat and FR. Sharmila Joseph, 2011. Bioterrorism- Top list of threats to the humanity. *Chemistry in our lives*. pp. 13.
- ❖ FR. Sharmila, S. Ravichandran and **Sartaj Ahmad Allayie**, 2011. A Peep into vaccines through edibles. *Chemistry in our lives*. pp. 29.
- ❖ Bilal Ahmad Bhat, S. Ravichandran, **Sartaj Ahmad Allayie** and W. Sylvester Fredrick, 2011. The threat of chemical weapons. *Chemistry in our lives*. pp. 7.

## AWARDS

- ❖ First prize with “A” Grade in Bait Bazi Competition, District Institution of education and Training Shopian in 2001.
- ❖ Fourth prize in Bait Bazi Competition, Government of Jammu and Kashmir State Institute of education Srinagar in 2001.

## **PROCEEDINGS**

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- ❖ **Sartaj Ahmad Allayie**, S.Hemalatha, C. Elanchezhiyan, V. Manoharan. 2011. Evaluation of lethal effect of shampoo (clinic plus) on the fresh water fish *Labeo rohita* (Hamilton). *Proceeding- Advanced Environmental Research/ Interdisp. appr 01/2011*
- ❖ **Sartaj Ahmad Allayie**, S. Hemalatha, C. Elanchezhiyan, V. Manoharan. 2012. Evaluation of lethal effect of Triclosan on the fresh water fish *Labeo rohita* (Hamilton). *Proceeding- Science and Technology for Clean and Green Environment*
- ❖ Elanchezhiyan, C., Bilal Ahmad Bhat, Sethupathy, S., Manoharan, V., **Sartaj Ahmad Allayie**, Hemalatha, S.. 2012. In-Vitro Evaluation Of Anthelmintic Activity Of Fruit Extract Of *Tribulus Terrestris* (Linn). *Proceeding- Science and Technology for Clean and Green Environment*

## **PAPERS PRESENTED/ ATTENDED IN THE CONFERENCE/ WORKSHOP ETC.**

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- ❖ International symposium on Cardiovascular Disease Prevention 21 and 22 February 2011. Organized by Faculties of Medicine and Marine Sciences, Annamalai University, Annamalai Nagar, Tamil Nadu.
- ❖ UGC-SAP Sponsored National Conference on Diabetes Mellitus and Cancer (DIA-CAN-11) 17 December, 2011.
- ❖ UGC Sponsored National Conference on Advances in Environmental Research: An interdisciplinary approach (AERIA, 11) 11 and 12 March 2011.
- ❖ National Work shop on Current Trends and Techniques in Environmental Toxicology (CTTET-2012) 23 – 25 February, 2012. Organized by Department of Zoology, Annamalai University, Annamalai Nagar, Tamil Nadu.
- ❖ National Work shop on Academy-Industry meet to upgrade Herbal Medicine (AIMHM-2011) 8 August. Organized by Department of Biochemistry and Biotechnology, Annamalai University, Annamalai Nagar, Tamil Nadu.
- ❖ National Workshop on Bio-medical Waste management (BMW-2010) 26-27 June, 2010.
- ❖ International conference on Biotechnology, Food and Bioengineering-Emerging trends and future prospects. 25-26 February 2010. Jointly organized by CRD-Prist University and Indian Institute of Crop Processing Technology Govt. of India.