

FACULTY PROFILE

Dr. PRAMOD S. N.

Associate professor

Department of Food Technology

Qualification : MSc., PhD (Biochemistry), PostDoc (USA)

Areas of Specialization : Food Biochemistry, Food Allergy and Immunology

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Vision

- To develop and enhance conservation of optimum academic environment to prepare professional graduates in the field of Food Biochemistry and Food Technology.
- To promote science through our students and change scientific environment to understand life at the molecular level and to focus on research ventures that translates basic research to societal applications.
- To foster and acquire excellence in teaching, research, and learning with a strong base of technical knowledge and the complementary skills needed to be successful professional scientist in the modern world.

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	PhD	Biochemistry	University of Mysore Guide: Dr. Y. P venkatesh, Scientist, Department of Biochemistry and Nutrition, CFTRI, Mysore	2009
3	NET	Life Sciences	UGC-CSIR Exam, Govt of India	2002
4	PG	Biochemistry	Manasaganagothri, University of Mysore	2001
5	UG	Biochemistry, Botany, Microbiology	Yuvaraja's College, University of Mysore	1999

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Project assistant/ Research trainee	Department of Biochemistry and Nutrition, Central Food technological Research Institute (CFTRI), Mysore	PG	Aug 2001	June 2004

2	CSIR- Senior Research Fellow	Department of Biochemistry and Nutrition, Central Food Technological Research Institute (CFTRI), Mysore	PG	Jul 2004	May 2007
3	Post-Doctoral Research associate	Department of Food Science and Technology, Inst. Agric. Nat. Res. University of Nebraska, Lincoln NE USA	PG	May 2007	Apr 2010
4	Visiting Research associate	Department of Allergology, Paul Ehrlich Institute, Frankfurt, Germany	PG	Dec 2009	Jan 2010
5	Assistant Professor	Department of Biochemistry, Sahyadri Science College, Kuvempu University, Shimoga	UG	Jan 2010	Oct 2014
6	Raman postdoctoral fellow	Department of Food Science and Technology, Inst. Agric. Nat. Res. University of Nebraska, Lincoln NE USA	PG	Dec 2014	Dec 2015
7	International Visiting Faculty	Department of Food Science and Engineering, Ocean University of China, Qingdao, China.	PG	Jan 2019	Apr 2019
8	Senior Assistant professor and chairman	Department of Biochemistry, Sahyadri Science College, Kuvempu University, Shimoga	UG	Dec 2015	Aug 2019
9	International Visiting Faculty	Department of Food Science and Engineering, Ocean University of China, Qingdao, China.	PG	Jan 2019	July 2019
10	Associate professor	Department of Biochemistry Shivagangotri, Davangere University	PG	Aug 2019	Aug 2021
11	Associate professor and Chairman	Department of Food Technology, Shivagangotri, Davangere University	PG	Aug 2021	Till Date

Areas of Research Interest:

1.	Food Biochemistry
2.	Food Allergy and Immunology
3.	Immunomodulation and Inflammation Biology
4.	Functional and therapeutic Foods
5.	Food Based Herbal drug formulations

Academic/Administrative responsibilities:	
1.	Chairman, Department of Food technology, Davangere University, Shivangotri, Davangere, Aug 2021- till date
2.	Director, University Science Instrumentation centre (USIC), Davangere University, Shivangotri, Davangere, From Aug 2021 to till date.
3.	BOS member, Department of Studies in Food Technology, Davangere University, Shivangotri, Davangere, 2020 -till date.
4.	BOE member, Doctoral Committee member of Department of Studies in Davangere University, Shivangotri, Davangere from 2019 to till date.
5.	IQAC executive council member of Davangere University, Shivangotri, Davangere.
6.	Doctoral Advisory board member, Department of Biochemistry, Faculty of Life sciences, JSS Academy of higher education and Research, Mysore.
7.	BOS Chairman at Sahyadri science College (autonomous), Kuvempu university for UG Biochemistry since 2014 to 2019. BOE Chairman at Kuvempu university and Sahyadri Science College UG Biochemistry since 2016. BOE Chairman Sahyadri science College (aut), Kuvempu university, Shimoga,
8.	Coordinator, Biochemistry practical examinations, Sahyadri Science College, Kuvempu University, Shimoga. Member, College admission council. Sahyadri science college, Kuvempu University, Shimoga
9.	Reviewer Pharmacog Res, Int Immunopharmacol, Food chemistry, Clin Exp immunol, J Agric Food Chemistry and J Food Sci Technol Journals from 2015
10.	Worked as Head of the department of Biochemistry at Sahyadri Science College, Kuvempu University from 2016 to 2019.
11.	Worked as NET/SLET coordinator at 2013-14 to organize coaching classes for PG students. Co-ordinator, Student collaborative research, CPE grant, Sahyadri Science College, Kuvempu University, Shimoga.
12.	Worked as college website coordinator from 2015-16 and RUSA coordinator at 2018-19 at Sahyadri Science College, Kuvempu University, Shimoga.
13.	UGC coordinator 2016-18 at Sahyadri science College, Kuvempu University
14.	Teacher in charge of Biochemistry, Member, College cultural committees, discipline committee, and other college administrative bodies.

Research Projects:					
Sl. No.	Title of the Project	Funding Agency	Project Budget	Period	Status
1.	Development of an in vitro cell based Bioassay to differentiate biological relevance of IgE binding to food proteins for allergy diagnosis and risk assessment	VGST-CISEE	30,00,000/-	June 2020 to Aug 2023	On going
2.	Differentiating biological relevance of IgE binding to Cross-Reactive	UGC Raman Research Project	22,87,952/-	Dec 2014 to Dec 2015	Completed

	carbohydrate Determinants (CCD) on transgenic proteins from GMOs and endogenous proteins for diagnostic and food allergic safety				
3.	Studies on the Biochemical and immunological roles of selected dietary legume lectins in food induced inflammatory diseases	UGC major research project (MRP)	14,35,300/-	UGC major research project (MRP)	Completed
4.	Differentiating biologically relevant from irrelevant IgE binding to food antigens for improved risk assessment and diagnostic studies using a humanized rat basophil cell line (RBL 30/25)	U. S. Environmental Protection Agency (EPA), USA	372,982 \$	Jan 2008 to Oct 2010	Completed

Research Publications:

a) International Journals (Referred and SCI Journals with impact factor)

1.	In silico characterization of a transcript code based screening of antimicrobial peptides from <i>Trichogramma chilonis</i> . Sunil SV, Kerima OZ, Santhosh kumar HS, Prabhkar BT, Pramod SN , Niranjana P. Int J Peptide Res Therp Sept 2021 (accepted for publication). IF 1.931
2.	Process Optimization for Preparation of Hyaluronidase Inhibitory Hydrolysates with Anti-allergic Potential from <i>Salmo salar</i> Processing By-products K Wang, SN Pramod, H Lin, G Chen, Z Li ACS Food Science & Technology 2021 doi.org/10.1021/acsfoodscitech.1c00152. IF: 2.5
3.	A comprehensive review on the application of novel disruption techniques for proteins release from microalgae. Timira V, Meki K, Li Z, Lin H, Xu M, Pramod SN . Crit Rev Food Sci Nutr. 2021 Jan 22;1-17. doi: 10.1080/10408398.2021.1873734. IF: 7.862
4.	A review on food processing and preparation methods for altering fish allergenicity. Dasanayaka BP, Li Z, Pramod SN , Chen Y, Khan MU, Lin H. Crit Rev Food Sci Nutr 2020 Dec 1; 1-20. doi: 10.1080/10408398.2020.1848791 IF: 7.862
5.	Purification and identification of anti-allergic peptide from Atlantic Salmon (<i>Salmo salar</i>) byproduct enzymatic hydrolysates. K Wang, Pramod SN , I Ahmed, TR Pavase, H Lin, Z Li. Journal of Functional Foods. 2020 72, 104084. doi.org/10.1016/j.jff.2020.104084 IF: 3.74
6.	Analysis of the allergenicity and B cell epitopes in tropomyosin of shrimp (<i>Litopenaeus vannamei</i>) and correlation to cross-reactivity based on epitopes with fish (<i>Larimichthys crocea</i>) and clam (<i>Ruditapes philippinarum</i>). Xu LL, Chen J, Sun LR, Gao X, Lin H, Ahmed I, Pramod SN , Li ZX. Food Chemistry. 2020 Apr 7;323:126763 doi: 10.1016/j.foodchem.2020.126763

	PMID:32334299 IF 5.399
7.	Influence of nonthermal extraction technique and allergenicity characteristics of tropomyosin from fish (<i>Larimichthys crocea</i>) in comparison with shrimp (<i>Litopenaeus vannamei</i>) and clam (<i>Ruditapes philippinarum</i>) Xu LL, Lin H, Li ZX, Ahmed I, Pramod SN , Lin H, Lv LT, Tian SL, Yu ZW. Food Chem. 2020 Mar 30;309:125575. doi: 10.1016/j.foodchem.2019.125575 PMID:31685369 IF 5.399
8.	Lipid emulsion enhances fish allergen parvalbumin's resistance to in vitro digestion and IgG/IgE binding capacity. Luo C, Guo Y, Li Z, Ahmed I, Pramod SN , Gao X, Lv L, Lin H. Food Chem. 2020 Jan 1;302:125333. doi: 10.1016/j.foodchem.2019.125333. Epub 2019 Aug 7. PMID:31416005 IF 5.399
9.	Development of ELISA Method for Detecting Crustacean Major Allergen Tropomyosin in Processed Food Samples Z Yu, Y Wang, Z Li, SN Pramod , L Zhang, H Lin Food Analytical Methods, 2019:1-11. doi.org/10.1007/s12161-019-01627-z IF: 2.413
10.	Quantum-Dot-Based Lateral Flow Immunoassay for the Rapid Detection of Crustacean Major Allergen Tropomyosin. Yaqing Wang; Hong Lin; Pramod SN ; Guanzhi Chen; Zhiwen Yu Food control 2019;106:106714 doi.org/10.1016/j.foodcont.2019.106714 IF: 4.248
11.	An overview on marine anti-allergic active substances for alleviating food-induced allergy. Wang K, Pramod SN , Pavase TR, Ahmed I, Lin H, Liu L, Tian S, Lin H, Li Z. Crit Rev Food Sci Nutr. 2019 Aug 23;1-15. doi: 10.1080/10408398.2019.1650716. [Epub ahead of print] PMID:31441662 IF: 7.862
12.	Banana lectin (BanLec) induces non-specific activation of basophils and mast cells in atopic subjects. Krithika N, Pramod SN , Mahesh PA, Venkatesh YP. Eur Ann Allergy Clin Immunol. 2018 Nov;50(6):243-253. doi: 10.23822/EurAnnACI.1764-1489.64. Epub 2018 Jul 24. PMID:30039691 IF: 1.66
13.	Neutralization of Inflammation by Inhibiting <i>In vitro</i> and <i>In vivo</i> Secretory Phospholipase A ₂ by Ethanol Extract of <i>Boerhaavia diffusa</i> L. Giresha AS, Pramod SN , Sathisha AD, Dharmappa KK. Pharmacognosy Res. 2017 Apr-Jun;9(2):174-181. doi: 10.4103/0974-8490.204650. PMID:28539742 IF: 1.95
14.	Immunomodulatory glc/man-directed Dolichos lablab lectin (DLL) evokes anti-tumour response in vivo by counteracting angiogenic gene expressions. Vigneshwaran V, Thirusangu P, Vijay Avin BR, Krishna V, Pramod SN , Prabhakar BT. Clin Exp Immunol. 2017 Jul;189(1):21-35. doi: 10.1111/cei.12959. Epub 2017 Apr 5. PMID:28268243 IF: 3.711
15.	The latex sap of the 'Old World Plant' <i>Lagenaria siceraria</i> with potent lectin activity mitigates neoplastic malignancy targeting neovasculature and cell death. Vigneshwaran V, Thirusangu P, Madhusudana S, Krishna V, Pramod SN , Prabhakar BT. Int Immunopharmacol. 2016 Oct;39:158-171. doi: 10.1016/j.intimp.2016.07.024. Epub 2016 Jul 29. PMID:27475665 IF: 3.361
16.	Therapeutic potential of <i>Polyalthia cerasoides</i> stem bark extracts against oxidative stress and nociception. Goudarshivananavar BC, Vigneshwaran V, Somegowda M, Dharmappa KK, Pramod SN . Anc Sci Life. 2015 Oct-Dec;35(2):70-8. doi: 10.4103/0257-7941.171667. PMID:26865738 IF: 0.46

17.	Immunomodulatory effects of hemagglutinating lectins from potato (<i>Solanum tuberosum</i>) and Garlic (<i>Allium Sativum</i>) on human and murine lymphocytes. Pramod SN , Vigneshwaran V, Venkatesh YP. Int J Pharm Pharm Sci 2015; 7(13): 147-153. IF: 2.029
18.	Enzymatic Hydrolysis Does Not Reduce the Biological Reactivity of Soybean Proteins for All Allergic Subjects. Panda R, Tetteh AO, Pramod SN , Goodman RE. J Agric Food Chem. 2015 Nov 4;63(43):9629-39. doi: 10.1021/acs.jafc.5b02927. Epub 2015 Oct 20. PMID:26447491 IF: 3.571
19.	Pharmacological Potential of Tetrahydrofurano/Pyrano Quinoline and Benzo[b]furoindolyl Derivatives in Acute Inflammation, Pain and Oxidative Stress. Goudarshivananavar BC, Vigneshwaran V, Dharmappa KK, Pramod SN . Antiinflamm Antiallergy Agents Med Chem. 2015;13(3):165-73. PMID:25515170 IF: 1.64
20.	Microwave assisted rapid synthesis and biological evaluation of stable copper nanoparticles using T. arjuna bark extract. Yallappa S, Manjanna J, Sindhe MA, Satyanarayan ND, Pramod SN , Nagaraja K. Spectrochim Acta A Mol Biomol Spectrosc. 2013 Jun;110:108-15. doi: 10.1016/j.saa.2013.03.005. Epub 2013 Mar 14. PMID:23562740 IF: 2.931
21.	Challenges in testing genetically modified crops for potential increases in endogenous allergen expression for safety. Panda R, Ariyaratna H, Amnuaycheewa P, Tetteh A, Pramod SN , Taylor SL, Ballmer-Weber BK, Goodman RE. Allergy. 2013 Feb;68(2):142-51. doi: 10.1111/all.12076. Epub 2012 Dec 4. Review. PMID:23205714 IF: 6.771
22.	Identity of the immunomodulatory proteins from garlic (<i>Allium sativum</i>) with the major garlic lectins or agglutinins. Clement F, Pramod SN , Venkatesh YP. Int Immunopharmacol. 2010 Mar;10(3):316-24. doi: 10.1016/j.intimp.2009.12.002. Epub 2010 Jan 6. PMID:20004743 IF: 3.361
23.	Establishing objective detection limits for the pepsin digestion assay used in the assessment of genetically modified foods. Ofori-Anti AO, Ariyaratna H, Chen L, Lee HL, Pramod SN , Goodman RE. Regul Toxicol Pharmacol. 2008 Nov;52(2):94-103. doi: 10.1016/j.yrtph.2008.06.006. Epub 2008 Jun 20. PMID:18611423 IF: 2.996
24.	Allergy to eggplant (<i>Solanum melongena</i>) caused by a putative secondary metabolite. Pramod SN , Venkatesh YP. J Investig Allergol Clin Immunol. 2008;18(1):59-62. PMID:18361104 IF: 3.802
25.	Potato lectin activates basophils and mast cells of atopic subjects by its interaction with core chitobiose of cell-bound non-specific immunoglobulin E. Pramod SN , Venkatesh YP, Mahesh PA. Clin Exp Immunol. 2007 Jun;148(3):391-401. Epub 2007 Mar 15. PMID:17362264 IF: 3.711
26.	Utility of pentose colorimetric assay for the purification of potato lectin, an arabinose-rich glycoprotein. Pramod SN , Venkatesh YP. Glycoconj J. 2006 Nov;23 (7-8):481-8. PMID:17006640 IF: 2.926

27.	Effect of horse gram lectin (<i>Dolichos biflorus</i> agglutinin) on degranulation of mast cells and basophils of atopic subjects: identification as an allergen. Pramod SN , Krishnakantha TP, Venkatesh YP. Int Immunopharmacol. 2006 Nov;6(11):1714-22. Epub 2006 Aug 4. PMID:16979126 IF: 3.361
28.	Allergy to eggplant (<i>Solanum melongena</i>). Pramod SN , Venkatesh YP. J Allergy Clin Immunol. 2004 Jan;113(1):171-3. No abstract available. PMID:14713925 IF: 14.110

International Journals (non Referred journals with ISSN number)

29.	Madhusudan S, Vigneshwaran V, Sunil SV, Shivashankar S, Ramesh babu N, Pramod SN, Achur RN. Comparison of cellular antioxidants, enzyme activities in resistance and susceptible cucurbit fruits response to melon fly infestation to elucidate possible mechanism. Der Pharma Chemica , 2018; 10(3): 55-64. ISSN: 0975-413X. IF: 0.32
30.	Madhusudana S, Vigneshwaran V, Achur RN, Shivashankar S, Pramod SN. Biotic stress induced by <i>Bacterocera cucurbitae</i> (melon fly) triggers defense related phenylpropanoid pathway (PPP) and ROS detoxifying enzymes in cucurbits as adaptation. Asian J Plant Sci Res . 2017; 7(4): 18-29. ISSN: 2249-7412. IF: 0.92
31.	Vigneshwaran V, Thirusangu P, Krishna V, Pramod SN , Prabhakar BT. Complex oligosaccharide interacting <i>Lageria sicerariasap</i> agglutinin intimidates the microvessels density (MVD) of dalton's lymphoma in murine system. Int J Current Res 2016; 8: 42136-42142. ISSN: 0975-833X IF: 0.55.
32.	Pramod SN and Venkatesh YP. Adjuvant effect of Garlic lectins (ASA I and ASA II) on mucosal immunity induction following intranasal immunization with ovalbumin antigen. IPCBEE 2013; 60:1-7. ISSN: 2010-4618, IF: 0.27. Doi:10.7763/IPCBEE.2013.V60.1
33.	Goudarshivannanavar BC, Vigneshwaran V, Dharmappa KK, Pramod SN . Pharmacological Evaluation of Analgesic and Antivenom potential from the leaves of Folk Medicinal plant <i>Lobelia nicotianaefolia</i> (Heddumbe) American J Phytomedicine Clinical Therapeutics 2014; 2(12): 1404-1415. ISSN: 2321-2748 IF: 1.15.
34.	Giresha AS, Crasta DP, Mohan kumara AS, Sneharani AH, Pramod SN , Dharmappa KK. Human pleural fluid phospholipase A2 inhibition and <i>in vitro</i> antioxidant activity of ethonolic root extract of <i>Toddaliaasiatica</i> . International Journal of Resent Scientific Research 2016; 7(3): 9592-9598. ISSN: 0976-3031. IF: 0.875.
35.	Giresha AS, Umashree, Pramod SN , Dharmappa KK. In vitro anti-oxidant activity, lipoxylene inhibition and secretory phospholipase A2 inhibition properties of <i>Gymnosporamontana</i> . International Journal of Recent Scientific Research 2016; 7(3): 9599-9603. ISSN: 0976-3031. IF: 0.875.
36.	Madhusudhana S, Dharmappa KK, Rajeshwara AN, Pramod SN . Nature of response of Chayote and cucumber fruits in terms antioxidant efficiency against melon fly infestation. Int J Sci Res Rev 2019; 8(2): 61- 73. ISBN: 2279-543X

b) National Journals

37.	Nair SS, Swathi KS, Pramod SN . Evaluation of analgesic, anti venom and anti-microbial activities from the leaves of folk medicinal plant Heddumbe (<i>Lobelia nicotianaefolia</i>). Proceedings of on Bioactive Plant Neutraceuticals (ICBPN) 2012; 2:8-14. ISBN: 978-81-923850-5-1
38.	Pramod SN . Immunological implications basis for diagnosis of allergic disease-prevalence and treatment strategies. Proceedings of National Conference on Molecular Diagnosis (NCBD) 2012; 1:15-25. ISBN: 978-81-924393-3-4
39.	Swathi KS, Nair SS, Pramod SN , Nagarjuna HM. Therapeutic role of lectins in cancer. Vijnanakannada-swadeshi vijnanaandolana (Karnataka) 2012; 8: 131-133. ISBN: 2249-5754

40.	Nair SS, swathi KS, Pramod SN , Rajeshwari N, Nagarjuna HM. <i>Lobelia nicatorfolia</i> -a medicinal plant, its medicinal folklore therapeutics. Vijnanakannada-swadeshi vijnanaandolana (Karnataka) 2012; 8: 126-130.ISBN: 2249-5754.
c) International Conference (Abstract published reputed journal with impact factor>7.0)	
41.	Characterisation of pepsin resistant peptides of the three beta-conglycinin subunits of soybean. Z Li, A Ofori-Anti, S Pramod , R Goodman. 2010/6/1 ALLERGY ;65:106-107
42.	Marked differences in IgE binding to lipid transfer proteins in nine corn hybrids grown in Nebraska (USA) under different field conditions. R Goodman, S Pramod , H Ariyaratna 2010/6/1 ALLERGY 65:323-323
43.	In Vitro Basophil Assays To Assess The Biological Significance Of Ige Binding To Cross Reactive Carbohydrate Determinants (CCD) To Diverse Legumes In Peanut Allergic Subjects SN Pramod , AO Ofori-Anti, RJ Harbeck, V Nagabhushanam, L Vogel, F Kaye, S Vieths, RE Goodman 2010 Journal of Allergy and Clinical Immunology 125:2:AB87
44.	IgE Binding to Cross-Reactive Carbohydrate Determinants (CCD) on Proteins of Phaseolus vulgaris using Sera from Peanut Allergic Subjects Demonstrates the Potential for False Diagnosis SN Pramod , AO Ofori-Anti, R Cerny, RE Goodman. 2009/2/28 Journal of Allergy and Clinical Immunology 123;2:S24
45.	Would insect resistant transgenic legumes expressing alpha-amylase inhibitor from Phaseolus vulgaris present a risk of food allergy to legume allergic individuals? R Goodman, A Ofori-Anti, T Higgins, A Moore, P Campbell, S Vieths, L Vogel, K Foetisch, A Mari, S Taylor, A Singh, V Siruguri, S Pramod . 2009/1/1 ALLERGY 64:480-481
46.	In vitro IgE Binding to Cross-Reactive Carbohydrate Determinants or Peptide Epitopes in Legume Extracts? AO Ofori-Anti, SN Pramod , RE Goodman. 2008/2/29 Journal of Allergy and Clinical Immunology 121;2:S241
47.	Evaluation of Purified Rabbit IgG Antibodies Specific to Different Corn Lipid Transfer Protein (LTP) Peptides as Detection Reagents for Processed Foods and Comparison with Human Allergic IgE H Ariyaratna, SN Pramod , RE Goodman. 2008/2/29 Journal of Allergy and Clinical Immunology 121;2 ;S184
48.	Comparative IgE binding to taxonomically diverse legumes with evaluation of binding to complex carbohydrates of glycoproteins using sera from legume allergic subjects R Goodman, A Ofori-Anti, S Pramod , U Banik, B Ballmer-Weber, A Singh, S Vieths, R Ferrara, S Taylor. 2008/1/1 ALLERGY 63:405-405
49.	Pramod SN , Mahesh PA and Venkatesh YP. Effect of potato lectin on degranulation of basophils and mast cells of normal and allergic subjects. Indian J Allergy Asthma Immunol 2005; 19: 118

Patent

1.	An improved process for the preparation of immunomodulatory proteins from raw garlic (<i>Allium sativum</i>). Yeldur Padmanabha Rao Venkatesh, Fatima Clement, and Siddanakoppalu Narayana Pramod . [Indian Patent Application No. 132/DEL/2010; filed 22-JAN-2010].
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Book Published / Book Chapters Published:

➤	Title : Immunomodulatory potential of Dietary lectins. Topic : Authors : Pramod SN Publisher : Lambert Academic publications, Germany. 2016; ISBN: 978-3-659-87238-9
➤	Title : Biochemical manifestation of cucurbits against melonfly infestation Topic :

Authors : Pramod SN Publisher : Lambert Academic publications, Germany.2019; ISBN: 978-613-9-44881-4
<p>➤ Title : Immunological Basis for the Development of Allergic Diseases-Prevalence, Diagnosis and Treatment Strategies Topic : Cell Interaction-Regulation of Immune Responses, Disease Development and Management Strategies Authors : Pramod SN Publisher : INTECH OPEN, UK. DOI: 10.5772/intechopen.95804</p>

Research Guidance Details (PhD):					
Sl. No	Name of the Scholar	University	Guide/co-guide	Registration month & Year	Research Area
1.	Shruthishree	Kuvempu University	Guide	2018	Lectin biology
2.	Hemavathi	Kuvempu University	Guide	2018	Food hypersensitivity
3.	Shruthinagarwal	Kuvempu University	Guide	2018	Inflammations

Conference/ Workshops/Trainings /organized:

Invited speaker in various science platforms

1. **Pramod SN.** Characterization of recombinant proteins. International seminar on “Food safety issues” with specific emphasis on GM food crops. Held on Nov 14-16, 2010 at National Chemical Laboratory (NCL), Pune-411008, India
2. **Pramod SN.** Cross allergenicity among legume antigens in subjects with food hypersensitivity-Role of cross reactive carbohydrate determinants (CCD). National Symposia on Immunology today: Recent developments in Health and Disease held on Nov 14-15 2011, at Department of Biochemistry, University of Mysore, Manasagangothri, Mysore-570006, India.
3. **Pramod SN.** Immunological basis for diagnosis of allergic diseases-prevalence and treatment strategies. National conference on Molecular Diagnosis, held on July 13, 2012 at Department of Biochemistry, Tumkur University, Tumkur, India.
4. **Pramod SN.** Challenges in testing genetically modified crops for potential increase in endogenous allergen expression for safety. XXII Indian convention of food scientists and technologists (ICFOST), Held on Dec 6-7, 2012 at CSIR-CFTRI, Mysore, India.
5. **Pramod SN.** “Dietary Lectins”-Do they mimic food hypersensitivity. Three day workshop on “Faculty development programme for science faculty of undergraduate colleges (FDP-UG)” in Biochemistry. Held on March 3-5, 2011 at Kuvempu University, Jnana Sahyadri, Shankaragatta, Shimoga-577451. India.
6. **Pramod SN.** Humanized rat basophilic leukemia (RBL) cell lines-a tool for allergen identification and clinical diagnosis of allergy. Three day National work shop on Animal cell culture techniques Demonstration and hand on experiments (ACTD) held on Sep 17-19, 2014 at PG Department of Biotechnology, Terrisian College, Mysore, Karnataka, India.

7. **Pramod SN.** Plant Defense Proteins as immunomodulators – a promising future therapeutic agents Plant lectins- nutraceutical or toxin. Special lecture series, Mar 21, 2018 at Biochemistry Department, Tumkur University, Karnataka, India.
8. **Pramod SN.** Dietary lectins: plant immunomodulators as future immunotherapeutics. Jan 11, 2019 Ocean University of China, Qingdao, China.
9. **Pramod SN.** Immune defense system-A barrier against invaders and basis of allergic inflammations. March 13, 2019 at Department of Food science and Engineering, Ocean University of China, Qingdao, China.

Conferences/Workshops/Seminars Attended:

1. International conferences: 15
2. National conferences: 25
3. International/ National seminars: 15
4. Faculty development programmes:08
5. Workshops: 14
6. HRDC orientation and Refresher courses-03
7. Pedagogy training for teachers-02

Training Programme :

1. UGC sponsored Orientation program for university and college entry level assistant professors- UGC-Academic staff college, University of Calicut, Kerala. Secured “A” Grade in the program and actively participated in faculty enrich program. 2011.
2. UGC sponsored Refresher Course in Life Sciences for university and college professors- UGC-Academic Staff college, Goa University, Goa. Secured “A” Grade and actively participated. 2014.
3. UGC sponsored Refresher Course in Life Sciences for university and college professors- UGC-Academic Staff College, University of Rajasthan, Jaipur. Secured “A” Grade and actively participated. 2017.

Achievements/Awards / Abroad visit / Professional Membership

1.	Best Research Publication Award-2020 for the research publication from Davangere University, Davangere, Karnataka, India.
2.	InSc Research Excellence Award-2020 for the work published in J Functional Food Sept 2020 from Institute of Scholars (InSc). Karnataka, India.
3.	International Visiting Faculty Award to China- 2019 Jointly sponsored by Ocean University of China with Shandong Huifa Food Co LTD
4.	International Visiting Faculty award to China-2019 China Academy of Science fellowship, as visiting faculty to Ocean University China.
5.	Best Research Paper award-2017 International conference on Green chemistry and Nano technology , Mangalore, Karnataka
6.	Raman Postdoctoral Fellowship to visit USA-2014 University Grant Commission (UGC), Govt of India
7.	Excellent Research Paper award-2013 International Conference on Agricultural and Biotechnology (ICABT), at Kaulalmpur, Malaysia
8.	International Travel award-2013 University Grant commission (UGC) for visiting Malaysia.
9.	International short term visiting fellowship to Germany-2009 Food Allergy Research and Resource Program (FARRP), University of Nebraska, Lincoln, NE, USA
10.	Postdoctoral Research fellowship (PDF)-2007

	Department of Food Science and Technology, Inst. Agric Sci Nat Res, University of Nebraska, Lincoln, NE USA
11.	Jaipur Research Grant award-2005 39 th Annual convention of Indian College of Allergy and Applied immunology (ICAAI)
12.	Senior Research Fellowship (SRF)-2004 Council of Scientific and Industrial research (CSIR), Govt. of India.

Professional Membership in Scientific Bodies

1.	Life member ship to Association of Food Scientists and Technologists of India –AFSTI. Head quarters at CFTRI, Mysore. Membership number: AFST/LM/4-2020/DVNG/3498.
2.	Life membership to Institute of Scholars (InSc), Registered under Ministry of MSME, Govt. of India. Membership number: InSc202001737.
3.	Life Membership of Society of Biological Chemists, India (SBC-I), Head quartered at Indian Institute of Science (IISc), Bengaluru.
4.	Life membership of Indian Science Congress (INSC), Government of India.
5.	Life member of American Academy of Allergy Asthma and Immunology (AAAAI), USA.
6.	Annual member of India College of Allergy Asthma and Immunolgy (ICAAI) from 2002 to 2007 and 2016-2019.
7.	Annual member of Indian Immunolgy Society (IIS) from 2004 to 2007 and 2011-2019.

Other related Information

Summary of “Allergy to eggplant” published in <i>Journal of Allergy and Clinical Immunology</i> (January 2004; 113: 171-173) has been featured as JACI (Journal of Allergy and Clinical Immunology) Highlights – January 2004 under AAAAI (American Academy of Allergy, Asthma & Immunology) Media Center [website: http://www.aaaai.org/media/jaci/2004/01/].
Summary of Role on “Role of potato lectin in non-allergic food hypersensitivity reactions” was coated in Immunotherapy weekly under section Allergies as highlight of article published in <i>Clinical and Experimental Immunology</i> [website http://www.newsrx.com/newsletters/Immunotherapy-Weekly/2007-08-/2408082007233LW.html]
Biographee featured at, Who’s Who in Science & Engineering (9 th edition) published by Marquis Who’s Who, New Providence, NJ, USA.
Biographee featured at, Who’s Who in the Asia, (1 st edition). Published by Marquis Who’s Who, New Providence, NJ, USA.
Resource person in the Science awareness programme for high school students conducted by Sahyadri Science college, during Jan/Feb 2011.
Resource person in the VGST sponsored faculty development programme (FDP) to High School teachers at National Education Society, Shimoga.
Resource person to give Special lectures series to MSc Pharmaceutical chemistry students, Kadur PG centre, MSc Biotechnology students, Sahyadri Science College, Kuvempu University.
Resource person as to deliver a special lecture at the Department of Biochemistry, JSS women’s college.
Guest of honor to GIMDS PU College, Mysore to inaugurate Science laboratory and to deliver invited special lecture in the field of Biochemistry.

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