

Faculty Details

		
Name	Dr. V A Pratyusha	
Designation	Assistant Professor	
Email	pratyusha@rajguru.du.ac.in v.pratyusha@gmail.com	
Degree	Institution	Year
B.Sc (H) Biochemistry	Sri Venkateswara College, University of Delhi	2009
M.Sc Biomedical Science	Dr. B R Ambedkar Center for Biomedical Research	2011
Ph.D.	School of Life Sciences, Jawaharlal Nehru University	2018
Areas of Interest / Specialization -		
Nutritional Biochemistry, Fungal Genetics, Biophysics		
Association with Professional Bodies		
Publications Profile		
- Malik, D., Narayanasamy, N., & Pratyusha, V.A. (Eds.). (2025). Essential Laboratory Techniques and Biochemical Analysis (1st ed.). CRC Press. https://doi.org/10.1201/9781003538691 - Malik, D., Narayanasamy, N., Vavilala, P., Thakur, J., Sinha, N. (2022). Textbook of Nutritional Biochemistry. Springer Singapore, ISBN 978-981-19-4149-8 Antifungal Role of Common Indian Spices & Herbs: A Narrative Review. Pratyusha Vavilala*, Aayushi Deo, Divya Prakash, Muskan Tiwari and Vibhuti Aggarwal. Current Nutrition and Food Science. 2022. 18(8): 715-727. DOI: 10.2174/1573401318666220328103029 *Corresponding author The Advent of Nutrigenomics: A Narrative Review with an Emphasis on Psychological Disorders. Meghna Birla, Chanchal Choudhary, Garima Singh, Salvi Gupta, Bhawana, and Pratyusha Vavilala*. Preventive Nutrition and Food Science. 2022. 27(2): 150-164. DOI: 10.3746/pnf.2022.27.2.150. *Corresponding author Effect of milk and mustard oil consumption: A case study on youth in Delhi-NCR. Maurya Sharma, Pratyusha Vavilala, Archita Singh, Renu Baweja. Nutrition and Health. 2022. DOI: 10.1177/02601060221116198. Intermittent Fasting: A Panacea For Good Health. Pratyusha Vavilala, Shravani		

Baruah, Sadhna Jain and Lakshmi P. Sarin. International Journal of Food and Nutritional Sciences. 2022. 11:34-39. DOI: 10.4103/ijfans_153_22 • Ras hyperactivation versus overexpression: Lessons from Ras dynamics in <i>Candida albicans</i>. Vavilala A. Pratyusha, Guiliana Soraya Victoria, Mohammad Firoz Khan, Dominic T Haokip, Bhawna Yadav, Nibedita Pal, Subhash Chandra Sethi, Priyanka Jain, Sneha Lata Singh, Sobhan Sen and Sneha Sudha Komath. Nature Scientific Reports. 2018. 8 Article number: 5248 DOI: 10.1038/s41598-018-23187-8 • First Step of Glycosylphosphatidylinositol (GPI) Biosynthesis Cross-talks with Ergosterol Biosynthesis and Ras Signaling in <i>Candida albicans</i>. Bhawna Yadav, Shilpi Bhatnagar, Mohammad Faiz Ahmad, Priyanka Jain, Vavilala A. Pratyusha, Pravin Kumar, and Sneha Sudha Komath; The Journal Of Biological Chemistry. 2014. Vol. 289, No. 6, Pp. 3365–3382.DOI: 10.1074/jbc.M113.528802 • Ras signaling activates glycosylphosphatidylinositol (GPI) anchor biosynthesis via the GPI-N-acetylglucosaminyltransferase in <i>Candida albicans</i>. Priyanka Jain, Subhash Chandra Sethi, Vavilala A. Pratyusha, Pramita Garai, Sonali Singh, Kalpana Pawar, Sneha Sudha Komath; The Journal of Biological Chemistry. 2018. Aug 3; 293(31):12222-12238 DOI: 10.1074/jbc.RA117.001225 • Generating anchors only to lose them: the unusual story of glycosylphosphatidylinositol (GPI) anchor biosynthesis and remodeling in yeast and fungi. Sneha Sudha Komath, Sneha Lata Singh, Vavilala A. Pratyusha and Sudisht Kumar Sah IUBMB Life. 2018. May; 70(5):355-383. DOI: 10.1002/iub.1734
Awards and Distinctions
Administrative Responsibilities
Convener, Add on language courses (2023-till date.) Member of Core NAAC committee Member of Attendance, Academic audit, and other committees