



Dr. SNEHA YOGINDRAN

Assistant Professor

Department of Biotechnology
Cochin University of Science and Technology
 Kochi - 682022, Kerala, India

E-mail

snehayogindran@cusat.ac.in

BRIEF BIO

Dr. Sneha Yogindran is currently working as Assistant Professor in Department of Biotechnology, Cochin University of Science and Technology (CUSAT). She pursued her graduation in Life Sciences from Gargi college, University of Delhi. and M.Sc. in Biotechnology from Jamia Hamdard. She received her Ph. D. from University of Delhi with specialisation in Plant Molecular Biology and Biotechnology. She is a recipient of the UGC-Dr. D. S. Kothari Post-Doctoral Fellowship which was availed in School of Life Sciences in Jawaharlal Nehru University (JNU) New Delhi.

RESEARCH INTERESTS

Bio-pesticide formulations, Plant molecular biology and biotechnology, Plant-virus interaction studies, Use of RNA interference (RNAi) for crop improvement

RESEARCH PROFILES

Google Scholar : <https://scholar.google.com/citations?user=O7iMvD8AAAAJ&hl=en>

JOURNAL PUBLICATIONS (RECENT) [TOTAL PUBLICATIONS : 8]

- *Capsicum-infecting begomoviruses as global pathogens: host-virus interplay, pathogenesis, and management*, **Trends in Microbiology**, 2021
- *Occurrence of Cotton leaf curl Multan virus and associated betasatellites with leaf curl disease of Bhut-Jolokia chillies (*Capsicum chinense* Jacq.) in India*, **Molecular Biology Reports**, Vol. 48, 2021
- *Virus and Viroid-Derived Small RNAs as Modulators of Host Gene Expression: Molecular Insights Into Pathogenesis.*, **Frontiers in Microbiology**, Vol. 11, 2021
- *Host-derived artificial miRNA-mediated silencing of ecdysone receptor gene provides enhanced resistance to *Helicoverpa armigera* in tomato*, **Genomics**, Vol. 113, 2020
- *Co-expression of anti-miR319g and miRStv_11 lead to enhanced steviol glycosides content in *Stevia rebaudiana*.*, **BMC Plant Biology**, Vol. 19, 2019
- *Role of miRNAs in biotic stress reactions in plants.*, **Plant Physiology Reports (Formerly known as 'Indian Journal of Plant Physiology')**, Vol. 22, 2017
- *Carotenoid profiling, in silico analysis and transcript profiling of miRNAs targeting carotenoid biosynthetic pathway genes in different developmental tissues of tomato*, **Plant Physiology and Biochemistry**, Vol. 108, 2016
- *Artificial miRNA-mediated silencing of ecdysone receptor (*EcR*) affects larval development and oogenesis in *Helicoverpa armigera**, **Insect Biochemistry and Molecular Biology**, Vol. 77, 2016