



HELLO

I am Sanskriti Singhania

Researcher - Biotechnology & Teacher

I have worked as young professional at National Research Centre on Plant Biotechnology. I have also served as Project Assistant at Division of Plant Pathology IARI, Delhi. I have fair understanding of Bio Science and Genetic Engineering. Oriented with an analytical bent of mind and positive attitude, An effective communicator with strong scientific and interpersonal and problem solving abilities.

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QUALIFICATION

Masters in Biotechnology, DY Patil University, Mumbai

Bachelors in Biotechnology, CSJM University, Kanpur

Bachelors of Education, CRS University, Haryana

Pursuing PG Diploma in clinical Research, IGMPI, New Delhi

TEACHING SKILLS

- # Instructional Skills
- # Classroom Management
- # Smart / Digital / Online class friendly#
- Time and project management
- # Knowledge of Biology Curriculum
- # Familiarity with Laboratory Equipment

LABORATORY SKILLS

- # Knowledge of Wet Lab procedures
- # Knowledge of Bioinformatics
- # Knowledge of Microbiology, Molecular techniques
- # cytological Techniques
- # Isolation & identification of Isolates
- # Worked on role of Trichoderma as plant growth promotion

TECHNICAL SKILLS

- # MS Word
- # MS Powerpoint
- # MS Excel
- # Desktop & Internet Applications

HOBBIES

- # Drawing
- # Reading Books
- # Listening Music
- jt Travelling

WORK EXPERIENCE

ASSISTANT. MANAGER - RARE CONCEPTS

- # Currently working as Assistant Manager at Rare Concepts, New Delhi
- # Developed strategies and tactics to get the word out about company and drive qualified traffic to our front door.

Deployed successful marketing campaigns and their implementation from ideation to execution.

Involved in planning and execution of various BTL Marketing campaigns and event management.

YOUNG PROFESSIONAL - IARI

Worked as Young Professional at National Research Centre on Plant Blotechnology from December 2016 to December 2018.

p 5 months Work Experience as Project Assistant at Division of Plant Pathology (Biological Control Laboratory), IARI, New Delhi, under Dr. Laxman Parasad, Senior Scientist.

y Project Title: "Study on Sclerotinia Sclerotiorum with emphasis on management of Sclerotinia rot".

INDUSTRIAL TRAINING

Organization: Indian Agricultural Research Institute (IARI), New Delhi.
Project Title: 6 months on "RESPONSE OF CANDIDATE PATHOGENICITY GENES OF Rhizoctoniasolani INCITING RICE SHEATH BLIGHT TO OXIDATIVE STRESS AND PLANT PHENOLICS".

Organization: JAWAHAR LAL NEHRU UNIVERSITY, New Delhi.
Project Title: 2 Months on "Characterizing effects of in-vitro induced membrane fluidity on drug resistance in clinical isogenic isolates of pathogenic yeast, Candida albicans".

y Organization: HELIXBIOGENESIS Noida.

Project Title: 1 Month on "Hands-on training on plant tissue culture techniques".

PUBLICATIONS

- # Singhania S, Ansari R, Neehhra N, SamiA. Isolation, Identification, and Screening of Alkaline Protease from Thermophilic Fungal Species of Raipur. Int. J. Life. Sci. Scientl. Res., 2018; 4(2): 1627-1633.
- # Published an article in Magazine published by Indian Pulses Research Institute during National Symposium on Biodiversity and Food security- Challenges and devising strategies in December 2011. S. Sanskriti.
- # Published an article in magazine published in International conference on Technological Advancement of sustainable agriculture and rural development-2017 on "Plant growth promotion activities of novel Isolates of Trichoderma species and Its metabolite products on Brassica juncea". Sanskriti Singhania.

SEQUENCES SUBMITTED AT NCBI

- # *Rhizoctonia solani* strain RIRS-K internal transcribed spacer 1, partial sequence; 5.8S ribosomal rDNA gene, complete sequence; and internal transcribed spacer 2, partial sequence.
ACCESSION No. 0230436
Shanmugam, V., Jain, S., Suganya, N., Veena, K.H. and Singhania, S.
- # *Rhizoctonia solani* strain RIRS-17 Internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence.
ACCESSION No. KX230437
Shanmugam, V., Jain, S., Singh, U.D., Prakash, G. and Singhania, S.
- # *Rhizoctonia solani* strain RIRS-S 18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1 and 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence.
ACCESSION No. 0230438
Shanmugam, V., Jain, S., Veena, K.H., Prakash, G. and Singhania, S.
- # *Rhizoctonia solani* strain RIRS-T Internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and Internal transcribed spacer 2, partial sequence.
ACCESSION No. KX230439
Shanmugam, V., Veena, K.H., Jain, S., Prakash, G. and Singhania, S.
- # *Nigrospora oryzae* strain CUN0-CPCT Internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence.
ACCESSION No. IQ246951
Shanmugam, V., Jain, S., Singhania, S., Veena, K.H. and Tripathi, M.

REFERENCES

- # Dr. V Shanmugam, Senior Scientist, Division of Plant Pathology, IARI, New Delhi. Ph-7053270677, Email: shanpath@yahoo.com
- # Mr. Naveen Padamdas, Assistant Professor, Padamshree DY Patil University, Navi Mumbai, Maharashtra. Ph-9819133567, Email: naveen.pgdypatil.edu
- # Dr. Rashmi Saba, Consultant fCI (Qualitative Council of India), P3/22, Silver City, Sector 93, Noida. Phone-+91-9971238109, Email- rashmisaba@gmail.com