



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Discussion Points

Title : The Future of Biotechnology: The Importance of Interdisciplinary Research

Date : 12-Feb-2024 - 16-Feb-2024

Time : 10:00 - 17:30

Venue : SMV209

- Benefits of cross-field collaboration in biotech
- Importance of interdisciplinary research in biotech
- Challenges of interdisciplinary research and solutions
- Addressing global challenges using interdisciplinary research in biotech
- Future innovations in biotech driven by interdisciplinary research
- Communicating benefits of interdisciplinary research in biotech to policymakers, funders, and public

	<p>Resource Person 1 - Details Name : Dr CN SRINIVAS Designation : Group Director , Laboratory Medicine University/ Company : Kauvery Hospitals, Chennai Address : India, 600018.</p>
	<p>Resource Person 2 - Details Name : SASI KUMAR Designation : Project Technical Manager, Capgemini India Pvt Ltd University/ Company : Founder of Mercy Technologies, Bangalore Address : India, 560075.</p>
	<p>Resource Person 3 - Details Name : GV Viswanath Designation : Cluster Head, SRL Diagnostics University/ Company : SRL Diagnostics, Chennai Address : India, 600117.</p>
	<p>Resource Person 4 - Details Name : Prof Sandhya Sundaram Designation : Professor, Pathology University/ Company : SRMC RI, Chennai Address : India, 600116.</p>
	<p>Resource Person 5 - Details Name : Prof Suresh K Rayala Designation : Professor, Biotechnology University/ Company : IIT Madras, Chennai Address : India, 600032.</p>
	<p>Resource Person 6 - Details Name : Dr C Ponnuraja Designation : Scientist E, Head Dept of Statistics University/ Company : National Institute for Research in Tuberculosis ICMR, Chennai Address : India, 600031.</p>
	<p>Resource Person 7 - Details Name : Dr G Gopal Designation : Professor, Department of Molecular Oncology University/ Company : Cancer Institute WIA, Chennai Address : India, 600036.</p>
	<p>Resource Person 8 - Details Name : Dr Sp S Suresh Kannan Designation : Senior Principal Scientist, Stempeutics Research Pvt Ltd University/ Company : Stempeutics Research Pvt Ltd, Bangalore Address : India, 560123.</p>



Resource Person 9 - Details

Name : Dr Prabu

Designation : Associate Professor and Head, Dept of Microbiology

University/ Company : Madras University, Chennai

Address : India, 600005.



Resource Person 10 - Details

Name : Dr Sreedhar Reddy P

Designation : Entrepreneurial Specialist, Clinical Research Program

University/ Company : Bangalore Clinical Research Institute, Bengaluru

Address : India, 560102.

Resource Person's Profile :

1. Profile of Dr CN SRINIVAS

Dr. Chakravarthy Narasimhachar SRINIVAS is a highly accomplished professional in the field of Laboratory Medicine, Pathology, and Transplantation Immunology. With a career spanning 30 years, he has established himself as a renowned figure with numerous impressive credentials to his name.

Dr. Srinivas holds an MD in Pathology and a DNB in Pathology, along with a Graduate-Certificate in Clinical Lab Management and Leadership from AACC. He is also a Fellow of the College of American Pathologists

2. Profile of SASI KUMAR

Sasi Kumar is a seasoned professional with over 13 years of extensive experience in the IT industry. Currently serving as a Project Technical Manager at Capgemini India Pvt. Ltd. in Bangalore, he has demonstrated a wealth of expertise in his roles with notable companies such as ITC Info Tech and Verifone. In addition to his corporate engagements, Sasi Kumar is also the founder of Mercy Technologies, an esteemed training institute.

3. Profile of GV Viswanath

Dynamic and successful professional with 15 years of experience in pharmaceuticals and diagnostics operations, sales and marketing with the ability to mentor and drive a team to achieve the objectives of the company with excellent cross-functional, communication and interpersonal skills

4. Profile of Prof Sandhya Sundaram

Dr Sandhya is a Professor and HOCS at Sri Ramachandra Medical College and Sri Ramachandra medical Centre. He holds a MD in pathology and PhD in Molecular Oncology IIT Madras. Besides her Pathology profession, she is an active researcher in the area of Hormone related cancers and is guiding PhD Scholars. She has received extramural grants from SERB, BRNSDAE, ICMR

5. Profile of Prof Suresh K Rayala

Dr Suresh is a Professor, Biotechnology, at IIT M. Presently he is also the organizing Chairman, GATE JAM examinations. He is an active researcher in the field of Molecular Oncology and has published 100 high impact papers on kinase biology, drug resistance. He has received more than 20 grants from funding agencies, both national and international. He is a recipient of DBT Dr Ramachandran research award, ICMR Dr Premnath Wahi award, Tamilnadu Scientist award, among others.

6. Profile of Dr C Ponnuraja

Research Experience:

23 years of Research Experience in Control Clinical Trials and Medical Statistics

25 years of Data processing, analyzing, and programming experiences

Publications:

100 Plus Publications in Scientific Journals

7. Profile of Dr G Gopal

Dr. G. Gopal is professor of Molecular Oncology, specialising in Proteomics, biomarker discovery, cancer biology and radiation biology.

8. Profile of Dr Sp S Suresh Kannan

Dr. Suresh Kannan is senior Principal Scientist at Stempeutics Research Pvt Ltd., Bangalore. He heads the Research and Development and he is responsible for developing novel Mesenchymal stem cells based products for treating various disease indications. He also developed platform for producing cell free products for cosmetics applications. He is also Adjunct Faculty at MCBR, Manipal Academy of Higher Education (MAHE).

9. Profile of Dr Prabu

Dr. Prabu is the Head In charge of the Department of Microbiology at the University of Madras. He is a project expert for Microbiology and Epidemiology projects and coaches and trains associates on Microbiology projects. Dr. Prabu works closely with sponsors and clinical teams to coordinate all activities related to clinical trials. Additionally, he is a Teaching cum Research Fellow (TRF) at the Department of Microbiology, University of Madras where he conducts theory and practical classes for

10. Profile of Dr Sreedhar Reddy P

I am an entrepreneurial individual specializing in clinical research programs, we bring a unique blend of business acumen and a deep understanding of the intricacies within the healthcare and research sectors. My professional journey is marked by a commitment to bridging the gap between academia and industry, with a focus on developing and delivering high-impact training programs in the field of clinical research.

The field of biotechnology is rapidly advancing, and interdisciplinary research is becoming increasingly important to meet the complex challenges of the future. This FDP explores the need for interdisciplinary research in biotechnology and highlights the benefits that can be achieved through collaboration across different fields of science. It also looks at some of the key areas where interdisciplinary research is already making a significant impact, including drug discovery, genetic engineering, and biomanufacturing. Overall, this FDP aims to raise awareness of the importance of interdisciplinary research in biotechnology and to encourage more collaboration between scientists from different fields to drive future innovations in the field.

Online Collaboration Platforms, Data Analysis Software, Virtual Meeting Software and Project Management Software:

**Coordinator's: Prof. ARNOLD EMERSON I 10533 - Professor Grade 2 - SBST
Prof. DEVI RAJESWARI V 10601 - Associate Professor Grade 2 - SBST**