



Schedule

Day-1

Inauguration and key note lecture

Introduction to cell culture and cell lines

Day-2

1. Cell counting, Seeding and Freezing
2. MTT assay

Day-3

1. MTT assay interpretation,
2. RNA extraction And RT-PCR

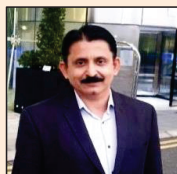
Day-4

1. Interpretation of RT-PCR results
2. Characterization of exosomes from cell culture media

Day-5

Conclusion of workshop and Valedictory Ceremony

List of Invited Speakers



Dr Sairam Mustoori MSc PhD
(*Keynote speaker*)
Chief Executive Officer
Dandu Biosciences Pvt Ltd., Hyderabad
Former Senior Vice President, Biological E

Dr Syed Farhatullah MSc PhD FHEA

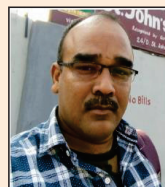
Group Leader/Senior Scientist
Advance CGT and Precision Medicine
by Genome Editing Section
King Faisal Specialist Hospital & Research Centre
(KFSH&RC), Riyadh, KSA.



Dr Siva Koganti MSc PhD
Faculty, Internal Medicine
University of Nebraska Medical Center,
Omaha, Nebraska, USA.
(Founder- Omicron Laboratories, India)

Dr Nishant Jain MSc PhD

Principal Scientist
Department of Applied Biology
CSIR-IICT, Hyderabad.



Dr Raghu Gogada PhD PGDIPR
Principal Scientist, PopVax Pvt Ltd
AIC-CCMB Annexure-II
Medical Biotechnology Complex
IDA-Uppal, Habsiguda, Hyderabad.

Dr Ramakrishna Kancha MSc PhD

Assistant Professor
UGC- FRP (Biosciences)
Molecular Medicine and Therapeutics
Laboratory (MMTL),
Centre for Plant Molecular Biology
Osmania University, Hyderabad.



Osmania University

ACCREDITED BY NAAC WITH A⁺ GRADE



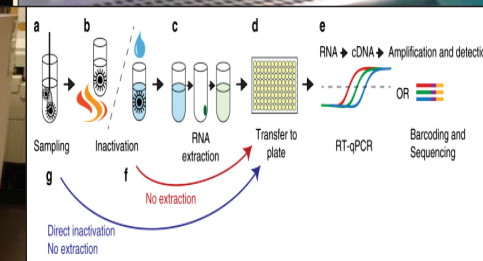
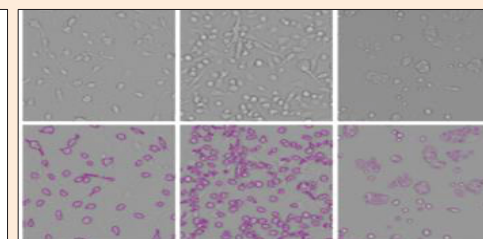
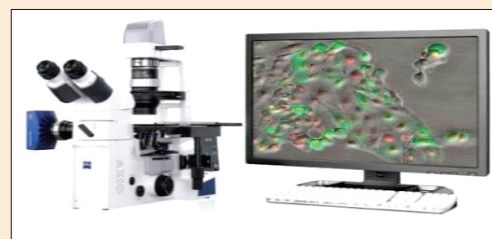
DEPARTMENT OF MICROBIOLOGY

is Organizing

Five Days Hands-on Workshop On

“ANIMAL CELL CULTURE TECHNOLOGY AND ITS APPLICATIONS”

13th -17th June, 2022



Limited Participants

(20) only

Last Date for Registration

11th June, 2022.

Venue:

**Department of Microbiology &
CPMB, Osmania University.**

University College of Science

The University College of Science (UCS) has earned a pride of place in Osmania University and has always been in the forefront whether in terms of size of faculty, strength of students, quality of research, academic reputation or administrative excellence. The College has the distinction of being the oldest and the biggest in the entire University and its fourteen departments are spread over a large part of the University's main campus.

About the Department

Microbiology is the most sought after subject of Modern Biology with a lot of scope and plenty of opportunities. Osmania University is the first to start Microbiology at Masters level in entire south India, established in 1974. Besides imparting P.G education in Microbiology, the department conducts cutting edge research in various fields of Microbiology. Students of Microbiology with M.Sc. /Ph.D. are getting employed in R&D institutions, Pharma & Biotech companies, Breweries, Colleges and Hospitals. Microbiology students are having an edge over others as they are preferred in R&D, QC, QA and production Departments in various industries. Also the department has interaction with industries, National & International research institutes to carry out research activities and training program. Department has received funds from DBT, DST, DST-FIST, and UGC DRS-I (SAP) program and is recognized under UGC-DRS SAP (2012) and Level-I of DST FIST (2014). Recently, the Department has established a Center for Microbial and Fermentation Technology which is a center with state-of-art modular lab equipped with high end instruments.

About the Workshop

The aim of this workshop is to acquaint PhD students and faculty with the general aspects of animal cell culture protocols and their applications in various areas of research. Participants will be given hands-on training, along with lectures by eminent scientists working in International and National Research laboratories. The lecture series is designed to bring awareness about the latest trends and applications involving cell culture technology around the world.

**Chief Patron
Patrons**

: Prof. D. Ravinder
: Prof. P. Laxminarayana
: Prof. B. Reddya Naik
: Prof. G. Malleshm
: Prof. A. Bala Kishan
: Prof. B. Veeraiah

**Dean, Faculty of Science
Principal**

Chairman

: Prof Bhima Bhukya

Coordinator

: Dr. Sandeepta Burgula

Co- Coordinators

: Dr. Hameeda Bee
: Dr. K Srinivas Naik
: Mrs. Shanti Kumari Kuthadi

Advisory Committee

Prof. H. Polasa
Prof. Gita Sharma
Prof. G. Seenayya
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Prof. Gopal Reddy
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Dr. B. Manjula
Dr. Chand Pasha
Dr. G. Suman Latha
Dr. G. Vijay Kumar
Dr Ramakrishna Kancha
Dr . A. Sandhya
Dr. S. Someswar Rao
Dr. S. Prashant
Dr. A. Srinivas

Registration Fee

Faculty : 3000/-
Scholars : 2000/-

For details

Molecular Pathogenesis Lab

Department of Microbiology
Call & Whp +91 9959701800
+91 9848056930

- Participants are requested to carry a fresh lab coat and a mask during the workshop.
- All participants will be provided with a participation certificate and a handbook of cell culture protocols.
- Lunch and tea will be provided.
- Timings: 10 am – 5:00 pm