



Workshop: A Virtual experience

“Essentials of Clinical Mycology diagnostics with orientation on data management and scope of fungal disease research”

(Clinical Mycology: Clinics to bench diagnostics and research)

An initiative by Accelerate Vigyan:

कार्यशाला

Science and Engineering Research Board (Government of India)

20th September, 2021 to 26th September 2021

Organizing Committee

Chief Patron	Prof. (Dr.) Sarman Singh Director & CEO AIIMS, Bhopal
Patrons	Dr. Rajesh Malik Dean Academics Dr. Manisha Srivastava Medical Superintendent Dr. Debasis Biswas Prof. & HOD Microbiology
Event Organizer	Dr. T. Karuna
Treasurer & Supporting faculty	Dr. Anand Kumar Maurya Dr. Arati Bhadade
Resource Persons	Dr. Deepti Joshi Dr. Dinesh Asati Dr. Abhijit Pakhare Dr. Sagar Khadanga Dr. Ujjawal Khurana Dr. Ankur Joshi
Technical Trainers	Ms. Akhiya Nair Ms. Renuka Dwivedi Ms. Megha Pingle Ms. Bhagwati Mali
Managing Virtual platform Workshop Logistics/	Mrs. Sonu Kushwah Ms. Reetu Yadav Mr. Rahul Badal

About the Event

Clinical Mycology: Clinics to bench diagnostics and research

The fungal disease affects around 1 billion individuals globally. The mortality rate among immunocompromised population due to life threatening fungal disease is around 1.5million deaths each year across the world. Indian spectrum of fungal disease varies from drug resistant dermatophytosis, fungal Keratitis, invasive fungal infections as Candidemia, Invasive Aspergillosis, Mucormycosis and many more. This event is aimed to provide comprehensive knowledge, skill and attitude development regarding fungal infections in humans both immune competent and immunocompromised. It will be an opportunity for the Post Graduate students, PhD students and Microbiologists /Clinicians from remote settings involved in fungal disease diagnosis/ management; in learning skills for deciding appropriate use of mycological diagnostics to guide therapeutic decisions and encourage newer research in fungal diseases.

As event organizer and on behalf of the organizing committee I invite all from various institutions interested in understanding Fungal infections for a one week **Workshop: A Virtual experience “Essentials of Clinical Mycology diagnostics with orientation on data management and scope of fungal disease research”** to be held from 20th September 2021 to 26th September 2021 at AIIMS, Bhopal.

Event Organizer

Registration by Google Form Link

https://docs.google.com/forms/d/e/1FAIpQLSeO_14mXFvG8OvzUp8Nt0B5OybFVPuLjVGTA97koohwj4PbUQ/viewform?usp=sf_link

Registration Fees Rs. 500/-

Bank Transition Details:

Bank Account Name: Foldscope AMR Workshop Account

Branch AIIMS, Bhopal,

Account No. 45340100003046,

**IFSC Code: BARB0AIIMSX (fifth digit is Zero),
(NEFT & Online Payment Details to be submitted)**

Limited Seats-200 (First come first serve)

**Organized by Department of Microbiology
iMARC**

**(ICMR Mycology Advanced Resource Centre)
All India Institute of Medical Sciences, Bhopal**

Saket Nagar, Bhopal- 462020,

Tel No- 7771033359, 8103110687

Email-workshopmicro2019@gmail.com



Workshop: A Virtual experience
“Essentials of Clinical Mycology diagnostics with orientation on data management and scope of fungal disease research”

Technical Session of workshop

Date	Topic
<p style="text-align: center;">20/09/2021 Day 1(Monday) Time: 5.00pm-8.30pm</p>	<p>1. Pre workshop assessment: 2 parts A. Essential clinical Mycology & B. Medical Research Fundamentals and Biostatistics A. Essential clinical Mycology: Topics covered</p> <ul style="list-style-type: none"> • Introduction and skill development in handling specialized equipments • Introduction to fungal infections • Global burden of fungal disease • Overview of fungal Kingdom • Fungal morphology • Pathogenesis and fungal host tissue interactions
<p style="text-align: center;">21/09/2021 Day 2(Tuesday) Time: 5.00pm-8.30pm</p>	<p>A. Essential clinical Mycology</p> <ul style="list-style-type: none"> • Culture media essential in a Clinical Mycology laboratory (lecture) • Learning fungal staining techniques (lecture) • Interpreting slides and microscopy skills hand on (Virtual Practical session) <p>B. Medical Research Fundamentals and Biostatistics in Brief</p> <ul style="list-style-type: none"> • Introduction to health research • Biostatistical design of Medical studies • Research Protocol writing.
<p style="text-align: center;">22/09/2021 Day 3(Wednesday) Time: 5.00pm-8.30pm</p>	<p>A. Essential clinical Mycology</p> <ul style="list-style-type: none"> • Appropriate Sample collection, Transport and processing (lecture) • Yeast identification work flow (lecture) and Virtual Practical session • Mould Identification workflow(lecture) and Virtual Practical session • Dermatophyte identification workflow(lecture) and Virtual Practical session <p>B. Medical Research Fundamentals and Biostatistics</p> <ul style="list-style-type: none"> • Designing data collection tools • Sample size calculation
<p style="text-align: center;">23/09/2021 Day 4(Thursday) Time: 5.00pm-8.30pm</p>	<p>A. Essential clinical Mycology</p> <ul style="list-style-type: none"> • Principles of Serodiagnosis of fungal infections (lecture) • Skills in performing, interpreting serological tests. (Virtual Practical session) <p>B. Medical Research Fundamentals and Biostatistics</p> <ul style="list-style-type: none"> • Data Management (Lecture)
<p style="text-align: center;">24/09/2021 Day 5(Friday) Time: 5.00pm-8.30pm & 25/09/2021(Saturday) Day 6 Time: 5.00pm-8.30pm</p>	<p>A. Essential clinical Mycology</p> <ul style="list-style-type: none"> • Introduction to molecular methods in diagnosis of fungal infection. • Antifungal susceptibility testing (AFST) guidelines and performing AFST • Therapeutic drug monitoring principles and performing bioassay. • Technique of preserving fungal culture stocks.
<p style="text-align: center;">26/09/2021 Day 7 (Sunday) Time: 5.00pm-8.30pm</p>	<p>B. Medical Research Fundamentals and Biostatistics Research outcome Publication: Journal and indexing Post Workshop assessment A. Essential clinical Mycology & B. Medical Research Fundamentals and Biostatistics Feedback form Certificate will be provided online for completing</p>
<p>The link for the virtual platform admission will be shared with you by email after registration</p>	