



SAVITRIBAI PHULE PUNE UNIVERSITY

Department of Microbiology

ORGANISES

WEBINAR ON

'Antimicrobials: Handle with care'.

(On the occasion of World Antimicrobial Awareness Week)

23rd -28th November 2020

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/84637853276?pwd=bFlveIUzdnBuMW53cmpEOEgVtM3FxUT09>

Webinar ID: 846 3785 3276

Passcode: 328062

CAUSES OF ANTIBIOTIC RESISTANCE

Antibiotic resistance happens when bacteria change and become resistant to the antibiotics used to treat the infections they cause.

- Over-prescribing of antibiotics
- Patients not finishing their treatment
- Over-use of antibiotics in livestock and fish farming
- Poor infection control in hospitals and clinics
- Lack of hygiene and poor sanitation
- Lack of new antibiotics being developed

www.who.int/drugresistance
#AntibioticResistance

World Health Organization



Scope of the webinar:

World Antimicrobial Awareness Week (WAAW) aims to increase awareness of global antimicrobial resistance (AMR) and to encourage best practices among the researchers, general public, health workers and policy makers to avoid the further emergence and spread of drug-resistant infections. Multiple factors – including overuse of medicines in humans, livestock, and agriculture, as well as poor access to clean water, sanitation and hygiene – have accelerated the threat of antimicrobial resistance worldwide. One of the key objectives of the plan is to improve awareness and understanding of antimicrobial resistance through effective communication, education and training. The slogan for 2020 will be "Antimicrobials: handle with care" applicable to all sectors. The theme for the human health sector for WAAW 2020 is "United to preserve antimicrobials".

The objective of this webinar is to mark the "World Antimicrobial Awareness Week". Distinguished speakers will deliver talks for creating awareness in this field. The webinar is open for students, faculty and others from Savitribai Phule Pune University and its affiliated colleges.

Distinguished Speakers and Title of the Talk



**Dr. Absar Ahmad,
Director, Aligarh Muslim
University, Aligarh**

Biosynthesis of inorganic nanomaterials & their applications in Health care



**Dr. J. S. Viridi,
University of Delhi,
South Campus, Delhi**

Innovative methods for rapid detection of AMR.



**Dr. Rahul Chaudari,
CTO Module Innovations,
Pune**

Diagnostics for antibiotic resistance



**Dr. Narendra Kadoo,
Senior Principal Scientist, CSIR-
National Chemical Laboratory,
Pune**

Countering the fungicide: resistance mutations in the wheat spot blotch pathogen, *Bipolaris sorokiniana* -A case study



**Dr. Ravindra Joshi,
Joshi Consultancy Services, Pune
Ex. Asst. Commissioner FDA ,
Maharashtra**

FDA's Role in controlling use of medicines & process of approving new drug



**Dr. Thangam Menon,
University of Madras, Chennai**

Emergence and dissemination of antimicrobial resistance



**Dr. Anshu Bharadwaj, Senior
Scientist, CSIR-Institute of
Microbial Technology,
Chandigarh**

Understanding and addressing antimicrobial resistance through data driven approaches



**Dr. Vijay Pal Singh,
Joint Director,
Food Safety and Authority of India,
Delhi**

Anti-Microbial Resistance: FSSAI perspective.



**Dr. Anju Kagal,
Former Head, Department of
Microbiology, B.J. Medical College,
Pune**

The role of Microbiologists in containment of AMR

SAVITRIBAI PHULE PUNE UNIVERSITY

Department of Microbiology

About the Department:

Microbiology is a rapidly growing interdisciplinary field with diverse avenues such as Bacteriology, Mycology, Molecular Biology, Biochemical Engineering, Microbial Biotechnology, Medical Microbiology, Immunology, Applied and Environmental Microbiology. The Department of Microbiology was established in 1977. It is now widely recognized as a Centre of Excellence in Microbiology, both with respect to teaching and research. More than thousand students have completed their Masters program and more than 50 have completed the Doctoral program from the department. The alumni of the department occupy positions of great responsibilities in different institutions all over the world. The Department is dedicated to advance the cause of higher education and create a centre of academic excellence in the field of education and research in Microbiology. It also provides a sound academic background for overall development of personality for a successful career in the field of Life sciences. The Department has been providing an environment that fosters continuous improvement and innovation in the subject by inculcating required skills in students towards their self-development through its activities like contact group session, Saturday Meets, visits to research facilities and industries, Science Exhibition and public service programs. The Department, served by highly accomplished faculty and friendly administrative staff strives to nurture high moral values in students to live up to their civic responsibilities.

Organizing committee:

Prof. Ameeta Ravikumar
Head of the Department

Prof. Rajendra Deopurkar
Emeritus Professor

Faculty members:

Dr. Karishma R. Pardesi
Dr. Atul A. Bharde

Dr. Anupama A. Pable
Dr. Ragini G. Bodade

Dr. Surekha K. Satpute
Dr. Umesh U. Jadhav
Dr. Aswathy Nair



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Day and date	Time	Speaker	Affiliation	Title
23 rd Nov, Monday	Welcome and briefing on WAAW			
	11:30 am- 12:30 pm	Prof. Absar Ahmed	Director Interdisciplinary Nanotechnology Centre Faculty Engineering & Technology Aligarh Muslim University, Aligarh, India	Biosynthesis of inorganic nanomaterials and their applications in Health care
24 th Nov, Tuesday	11:00 am- 12:00 pm	Prof. Menon	University of Madras, Chennai	Emergence and dissemination of anti- microbial resistance
25 th Nov, Wednesday	11:00 am- 12:00 pm	Prof. Virdi	University of Delhi South Campus	Innovative methods for rapid detection of AMR
26 th Nov, Thursday	11:00 am- 12:00 pm	Mr. Ravindra Joshi	Joshi Consultancy Services, Pune Ex. Assistant Commissioner FDA, Maharashtra	FDA's role in controlling use of medicines and process of approving new drug
	12:00 pm - 1:00 pm	Dr. Anju Kagal	Former Head, Dept. of Microbiology, B.J. Medical College	The role of Microbiologists in containment of anti- microbial resistance
27 th Nov, Friday	11:00 am- 11:45 am	Dr. Narendra Kadoo	Senior Principal Scientist CSIR-National Chemical Laboratory, Pune	Countering the fungicide: resistance mutations in the wheat spot blotch pathogen, <i>Bipolaris sorokiniana</i> -A case study.
	12:00 pm- 12:45 pm	Dr. Rahul Chaudhari	CTO, Module Innovations	Diagnostics for antibiotic resistance
28 th Nov, Saturday	11:00 am- 11:45 am	Dr. VijayPal	Joint Director Social and Behaviour Change, Food Safety and Standard Authority of India, FDA Bhawan Kotla Road, Delhi	Anti-Microbial Resistance: FSSAI perspective.
	12:00 pm- 12:45 pm	Dr. Anshu Bharadwaj	Senior Scientist CSIR-Institute of Microbial Technology Chandigarh	Understanding and addressing antimicrobial resistance through data driven approaches