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## SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES

### SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

Established under Section 3 of the UGC Act, 1956 | Re-accredited by NAAC with 'A' grade (3.58/4) | Awarded Category - I by UGC

#### ORGANIZES DISSEMINATION EVENT

## “COMBATING ANTIBIOTIC RESISTANCE: STRATEGY ON ANTIBIOTIC RESISTANCE AND PRUDENT USE OF ANTIBIOTICS”

Date : 27<sup>TH</sup> NOVEMBER 2021, SATURDAY | Time : 02.30 p.m. to 04.30 p.m.

#### EXPERTS



**Dr. Sanjeev. K. Singh**  
Amrita Institute of Medical  
Sciences, Kerala, India



**Dr. Milind Choudhari**  
Founder and CEO, Welnnovate  
Biosolutions Pvt. Ltd, Pune



**Dr. Karishma Kaushik**  
Savitribai Phule Pune  
University, Pune, India



**Dr. Vandana. K. E.**  
Manipal Academy of Higher  
Education, Manipal, India



**Dr. Kiranjeet Kaur**  
Chitkara University  
Punjab, India

**JOIN US LIVE @<http://www.youtube.com/preventit/live>**





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**RISK MANAGEMENT AND PREVENTION OF ANTIBIOTIC RESISTANCE- PREVENTIT  
PROJECT**

## **DISSEMINATION EVENT ON**

# **Combating Antibiotic Resistance: Strategy on antibiotic resistance and prudent use of antibiotics**

Organised by

**Symbiosis School of Biological Sciences,  
Symbiosis International (Deemed University), Pune, India**

Saturday, 27<sup>th</sup> November 2021

02:30 pm to 04:30 pm (IST)

**JOIN US LIVE: <https://www.youtube.com/preventit/live>**



## SPEAKERS



**Dr. Kiranjeet Kaur** joined Chitkara University, Punjab in 2016 as Assistant Professor at Chitkara School of Health Sciences. Since January 2020, she has been appointed as the coordinator of ERASMUS plus funded project entitled 'Risk Management and Prevention of Antibiotics Resistance'. Her areas of expertise include antibiotic resistance, disinfectants, contraceptives, lung cancer and premature hair graying. She has participated in various national and international workshops and has peer reviewed publications to her credit. She is a life member of Association of Microbiologists of India (AMI).



**Dr. Milind Choudhari** is currently Founder and CEO of Weinnovate Biosolutions Pvt. Ltd. He has previously worked with Serum Institute of India, Pune, Ranbaxy Labs Ltd., Mumbai, Reamatrix Pvt. Ltd., Bangalore and Thomas Baker Pvt. Ltd, Mumbai. He has obtained his Masters in Biotechnology from GHRIIT, Nagpur and PhD Microbiology from CNB, Agharkar Research Institute, University of Pune. He is a microbiologist at heart and works in the area of infection prevention and control. He has previously developed technologies like UTIRAP; a rapid UTI detection kit and DNARAP; a one-step DNA isolation method. He has several papers and patents to his credit in the area of nanotechnology and microbiology.



**Dr. Karishma S. Kaushik** is currently an Assistant Professor at the University of Pune. She is a Physician-scientist who did her MBBS from Maharashtra University of Health Sciences, MD in Clinical Microbiology from Armed Forces Medical College, Pune. She chose the path to a research career and earned a PhD in Molecular Genetics and Microbiology from University of Texas at Austin. She returned to India as a Ramalingaswami Fellow in 2018 and established her research group at Pune University. The theme of her research is "Human-relevant Infection Biology" that aims to bridge the gap between studying infectious disease and application of such research in humans.



**Dr. Vandana K. E.** is a professor and head of department of Microbiology, Kasturba Medical College, Manipal. She had secured Dr TMA Pai Endowment Chair in Antimicrobial Stewardship by MAHE. She is a executive board member of Hospital Infection Society of India. Areas of expertise includes antimicrobial stewardship, antimicrobial resistance & Infection prevention &Control. Presently she is principle investigator in 3 International and 2 National projects, Co-investigator in 3 International and 10 national projects with 108 publications.



**Dr. Sanjeev Singh** is a pediatrician by training and did his masters in Hospital Management. He completed his PhD in Hospital Management and Infection Control. He is an external consultant to WHO on regulatory and licensing policy issues. He is a Technical Advisor to several State govt. healthcare projects (E learning, reduction of IMR, Antibiotic Stewardship and Infection Control), Technical Expert for University of Antwerp's Point Prevalence Surveillance and Institute of Healthcare Improvement's (US) on Neonatal Collaborative program.

### AGENDA

<u>Time</u>	<u>Schedule of events</u>	<u>Speakers</u>
2.30 pm- 2.35 pm	<b>Opening Session</b> Goal: The speaker will set a base idea behind the workshop and learning outcomes	<b>Ms. Riya Joshi</b> Associate Researcher- PREVENT-IT, Symbiosis School of Biological Sciences, Pune
2.35 pm- 2.40 pm	Welcome Note	<b>Dr. Sunil Saroj</b> Associate Professor, Symbiosis School of Biological Sciences, Pune
2.40 pm-3.00 pm	<b>Emergence and spread of Antimicrobial Resistance</b> Goal: To discuss the emergence of antimicrobials, their misuse and molecular mechanism and spread of AMR.	<b>Dr. Kiranjeet Kaur</b> PREVENT-IT Co-ordinator & Faculty, Chitkara University, Chandigarh
3.00 pm-3.20 pm	<b>Early AMR diagnostic strategies</b> Goal: To discuss various strategies for early diagnosis of antimicrobial resistance"	<b>Dr. Vandana. K. E.</b> Professor and Head, Manipal Academy of Higher Education, Manipal
3.20 pm- 3.40 pm	<b>AMR - opportunities &amp; challenges</b> Goal: To discuss the opportunities and challenges associated with Antimicrobial Resistance	<b>Dr. Milind Choudhari</b> Founder and CEO, Welnnovate Biosolutions Pvt. Ltd, Pune
3.40 pm-4.00 pm	<b>Implementation Science in Antimicrobial Stewardship</b> Goal: To discuss the procedure, barriers and challenges for implementation Science in Antimicrobial Stewardship	<b>Dr. Sanjeev. K. Singh</b> Chief Medical Superintendent, Amrita Institute of Medical Sciences, Kerala
4.00 pm-4.20 pm	<b>AMPing up the search: A structural and functional repository of antimicrobial peptides for biofilm studies, and a case study of its application</b> Goal: To discuss structural and functional aspects of antimicrobial peptides for biofilm studies.	<b>Dr. Karishma Kaushik</b> Assistant Professor, Department of Biotechnology, Savitribai Phule Pune University, Pune
4.20 pm- 4.30 pm	Concluding remarks	<b>Dr. Sunil Saroj</b>