

## PROGRAM AT A GLANCE

<b>INTERNATIONAL WORKSHOP ON BIOLOGY AND APPLICATIONS OF ACTINOMYCETES</b> <b>31<sup>st</sup> October to 1<sup>st</sup> November, 2019</b> <b>University of Mysore, India</b>	
<b>October 31, 2019</b>	
9:00 AM – 10:00AM	<b>Registration</b>
10.00 AM – 11:00 AM	<b>Inaugural Ceremony</b>
11:00 AM – 11:15 AM	<b>Tea Break</b>
11:15AM – 12:00 AM	<b>Keynote Address: Prof. Joachim Wink.</b> Helmholtz Centre for Infection Research, Braunschweig, Germany <b>Title:</b> Bacterial Biodiversity as Resource for Novel Antibiotics
<b>Plenary Address:</b> <b>Session Chair: Prof.A.K.Dubey and Prof. K.Kannabiran :</b>	
12:00 AM - 12:45 PM	<b>Prof Michael Steinert</b> Institut für Mikrobiologie, Technische Universität Braunschweig, Germany <b>Title:</b> New drug targets in <i>Legionella pneumophila</i>
12:45 PM – 01:30 PM	<b>Prof. Saisamorn Lumyong</b> Center of Excellence in Microbial Diversity and Sustainable Utilization, Chiang Mai University, Thailand <b>Title:</b> Control of Basal Stem Rot Disease in Oil Palm Seedlings by <i>Streptomyces palmae</i> CMU-AB204 <sup>T</sup>
01:00 PM – 02:30 PM	<b>Lunch Break and Poster Session</b>
<b>Session Chair: Prof. Saisamorn Lumyong and Prof. Tohru Dairi</b>	
02:30 PM – 03:00 PM	<b>Prof.A.K.Dubey</b> Department of Biological Sciences and Engineering Netaji Subhas University of Technology, New Delhi <b>Title:</b> Anti- <i>Staphylococcus aureus</i> and anti-oxidant activities of the metabolites produced by endophytic actinobacteria <i>Streptomyces</i> <i>californicus</i> strain ADR1
03:00 PM – 03:30 PM	<b>Prof. K.Kannabiran</b> Department of Biomedical Sciences, School of Biosciences and Technology, VIT University, Vellore, India <b>Title:</b> Isolation, characterisation and identification of antiviral compound from <i>Streptomyces</i> species against fish White Spot Syndrome Virus (WSSV)
03:30 PM – 04:00 PM	<b>Dr. Syed G Dastager</b> National Collection of Industrial Microorganisms National Chemical Laboratory, Pune <b>Title:</b> Multifaceted actinobacteria: A polyphasic approach

04:00 PM – 04:15 PM

Tea Break

**Oral Presentation**

**Session Chair: Prof. Chenghang Sun and Prof V. Ravishankar Rai V**

04:15 PM – 5:30PM

**1) Dr. Bijaya Kumar Nayak**

Kanchi Mamunivar Centre for P.G. Studies, Puducherry.

**Title:** Isolation, Characterisation and antimicrobial activity of Actinobacteria from Ant Hill soil.

**2) Dr. Jerrine Joseph**

Sathyabama Institute of Science and Technology, Chennai.

**Title:** Multifunctional *Streptomyces maritimus* SACC-152 isolated from Andaman and Nicobar Islands, India

**3) Dr. Krishna Naragani**

Siddhartha College of Arts & Science, Vijayawada- A.P.

**Title:** Phylogenetic Characterization of Potential bioactive metabolite producing Actinomycetes from Mangrove sediments

**4) Dr. Shiburaj Sugathan**

Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Trivandrum

**Title:** A Calcium Independent and Thermo-stable  $\alpha$ -Amylase from *Streptomyces griseus* TBG19NRA1 isolated from forest soil of Western Ghats, Kerala, India

**5) Dr. Pramod B. Shinde**

Natural Products and Green Chemistry Division, CSIR-Central Salt and Marine Chemicals Research Institute, Bhavnagar.

**Title:** Bioactive Macrolide from the Actinomycete *Dactylosporangium aurantiacum*

**6) Dr. N.Manoharan**

Department of Marine Science, Bharathidasan University, Tiruchirapalli

**Title:** Marine Endophytic Actinomycetes Act as A Effective Anti-Bacterial Agent Against Multi Drug Resistant Uropathogens

**7) Dr.V.Mohanasrinivasan**

Department of Biomedical sciences, VIT, Vellore

**Title:** Fermentative production of extracellular pigment from *Streptomyces coelicolor* MSIS1

**8) Dr. Aruna Sharmili S**

Department of Biotechnology, Stella Maris College, Chennai

**Title:** Isolation and characterization of methanol utilizing streptomyces species isolated from jack fruit (*Atrocarpus Heterophyllus*) Rhizosphere

November 1, 2019

**Plenary Address:**

**Session Chair:** Prof. Joachim Wink

**10:00 AM – 10:30 AM**

**Prof. Tohru Dairi**

Graduate School of Engineering, Hokkaido University, Japan

**Title:** Unique enzymes involved in biosynthesis of natural products produced by Actinomycetes

**10:30AM – 11:00 AM**

**Prof. Chenghang Sun**

Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences, Beijing, China.

**Title:** Discovery of New Antibiotics from microorganism inhabited in special environment by dereplication strategy

**11:00 AM – 11:15 AM**

**Tea Break**

**Session Chair:** Prof Michael Steinert

**11:15AM - 11:45 PM**

**Dr. Wasu Pathomree**

Chiang Mai University, Thailand

Department of Biology, Faculty of Science

**Title:** Plant Growth Promoting Actinobacteria From Mycorrhizal Spores: Taxonomic Characterization and Their Beneficial Traits to Plants under Drought

**11.45:00 PM – 12:15 PM**

**Dr. C. Subathra Devi,**

Department of Biotechnology, School of Biosciences and Technology, VIT University, Vellore, India

**Title:** Clot busters from Actinobacteria

**12:15 PM – 12: :45 PM**

**Prof Dayanand Agsar**

Department of Microbiology

Gulbarga University

**Title:** Diversity and Bioprospecting potentials of Actinobacteria from Harsh Habitat of Limestone quarries

**Oral Presentation**

**Sessional Chair:** Prof Dayanand Agsar and Dr. Syed G Dastager

**12.45PM-1.30 PM**

**1)Dr. V. Gopikrishnan**

Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai

**Title:** Bioprospecting of insect nest associated actinobacteria with special reference to antimicrobial and anti-HIV activity

**2) Dr.I.Manideepa**

Department of Microbiology, Maries Stella College, Vijayawada, A.P., India

**3) Dr. T.Ganesan**

Kanchi Mamunivar Centre for P.G. Studies, Puducherry.

**Title** Isolation, screening and characterization of Actinomycetes from mangrove soil, Puducherry

	<p><b>4) Dr. M. Radhakrishnan</b>  Institute of Science and Technology, Chennai  <b>Title:</b> Bioprospecting of actinobacteria from Indian rare ecosystems with special reference to anti-tuberculosis activity</p> <p><b>5) Dr. A.H. Sneharani</b>  Mangalore University, Kodagu  <b>Title:</b> Gut bacterial diversity in worker adults of <i>Apis florea</i> and <i>Apis cerena indica</i> assessed by MALDI-TOF, 16S rRNA and NGS</p> <p><b>6) Dr. Jayanthi</b>  Vellore Institute of Technology, Vellore  <b>Title:</b> Polyketides from actinomycetes as potential anti-tumor compounds.</p>
<p><b>01:20 PM – 02:30 PM Lunch Break and Poster Session</b></p>	
<p><b>02:30 PM – 04:30 PM Workshop (Prof. Joachim Wink)</b></p> <p><b>The Polyphasic Approach in Actinomycetes Taxonomy in The Time of Full Genome Sequencing</b></p>	