

Report

National Conference

on

**‘Microbiome research’: Understanding the diversity to improve
plant, animal, human and environmental health**

07th – 09th, March 2019

Organized by

C. G. Bhakta Institute of Biotechnology

Uka Tarsadia University

Maliba Campus, Bardoli, Tarsadi, Dist: Surat - 394 350, Gujarat, India

In Collaboration with

Association of Microbiologists of India-UTU Unit

Sponsored by

Gujarat State Biotechnology Mission, Gujarat

Department of Biotechnology, New Delhi

National Biodiversity Authority, India

International Society for Microbial Ecology, The Netherlands

Association of Microbiologists of India

Acknowledgements

The organizers of National Conference on ‘Microbiome research’: Understanding the diversity to improve plant, animal, human and environmental health wish to acknowledge all individuals, organizations, agencies and departments who contributed so generously in one way or the another to the success of this conference, specifically:

All the Dignitaries, Guest speakers, Session Chairman, Co-chairman and funding agencies who supported and participated in the conference.



Lamp Lighting during inauguration



Felicitation of Chief-guest of the conference



Dignitaries on the Dias & release of souvenir



Overview

The National Conference on ‘Microbiome research’: Understanding the diversity to improve plant, animal, human and environmental health received an overwhelming responses from wide range of stakeholders on single platform in discussing large number of issues related to Microbiome Research. Over 450 stakeholders actively participated in the conference and discussed relevance of microbiome research in the Indian context through different sessions.

Themes

The Scientific and Program Committee particularly concentrated on following themes

1. Plant Microbiome
2. Animal Microbiome
3. Human Microbiome
4. Environment Microbiome
5. Special session on Biological Diversity Act-2002

This conference witnessed a grand event with more than 450 participants. The delegates, included academicians, scientists, research scholars, and post graduate students. There were 19 keynote speakers, 30 oral presentations and 120 poster presentations made by the delegates across the country.



Poster presentations by the participants

Day 1: 07/03/2019

C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University (CGBIBT, UTU) added yet another feather to its cap by hosting National conference on Microbiome Research. The Conference was held in Bardoli during 07th to 09th March 2019. It was inaugurated on 07th morning at 10.00 am in the Pushpam Tarsadia Hall of Chhotubhai Gopalbhai Patel Institute of Technology (CGPIT) of UTU. Inaugural function was attended by more than 400 delegates from across India, invited guests, resource persons, faculty and staff of CGBIBT and our sister institutes of UTU. **Dr. Pradip Desai**, Founder & Chairman of Span Divergents, Surat was present at the function as chief guest and **Dr. D. N. Kamra**, ICAR-National Professor, IVRI was the guest of honour. **Dr. N. C. Shah**, Advisor, UTU, **Dr. R. Krishnamurthy**, Director, CGBIBT and Conference Chairman, **Dr. Rajkumar Patil**, Director, CGPIT, and **Dr. N. Amaresan**, Organizing Secretary were present on the dais to inaugurate the conference. All the dignitaries joined their hands to inaugurate the event by lighting the ceremonial lamp. While welcoming the gathering Dr. R. Krishnamurthy, Director, CGBIBT briefed about the significance of the conference and its conception. Dr. Pradip Desai, in his inaugural speech stressed upon utilization of the microbial resources for scientific investigation. Dr. Mitesh Dwivedi proposed the vote of thanks.

After formal inaugural session the scientific sessions commenced with keynote talk by **Prof. D. N. Kamra**, ICAR-National Professor, IVRI, Izatnagar, UP on Animal Microbiome and **Dr. Meonis Pithawala**, Associate Professor, CGBIBT, Bardoli on Biological Diversity act 2002 followed by five oral presentations on the human microbiome. In the afternoon session **Dr. Praveen Rahi**, Scientist C, NCCS-NCMR, Pune and **Dr. Dhiraj Paul**, Scientist B, NCCS-NCMR, Pune delivered keynote talk on Plant Microbiome & Environmental Microbiome respectively followed by poster presentations on all the themes. The day ended with cultural event and conference dinner.



Special session on Biological Diversity



Honor of Prof. D. N. Kamra

Day 2: 08/03/2019

On Day 2 there were two concurrent sessions, one at Dr. Jatin Desai auditorium dealing with Human and Plant Microbiome and another at Manjula auditorium dealing with Environmental Microbiome. The session at Dr. Jatin Desai auditorium began with keynote talk by **Dr. Pratyosh Shukla, Professor**, Maharshi Dayanand University, Haryana & General Secretary, AMI on Human Microbiome followed by **Dr. Senthil Kumar, Principal Scientist**, Indian Institute of Pulses Research, Kanpur, **Dr. Pratibha Sharma, Emeritus Professor**, SKN Agricultural University, Rajasthan, **Dr. Archana Gayatri, Professor**, The M.S. University, Vadodara, **Dr. Ahmed Abdul Haleem Khan, Head**, Telangana University, Telangana and **Dr. Prasant Kumar, Senior Scientist**, Ingress Bioinnovation, Ahmedabad on Plant Microbiome with 10 oral presentations on the same theme throughout the day. At Manjula auditorium Environmental Microbiome session began with keynote talk by **Dr. Rakesh Sharma, Senior Principal Scientist**, Institute of Genomics and Integrative Biology, New Delhi, followed by **Dr. Suresh Deka, Senior Professor**, Institute of Advanced Study in Science and Technology, Guwahati, **Dr. Syed Dastager, Senior Scientist**, National Chemical Laboratory, Pune, **Dr. Datta Madamwar, Emeritus Professor**, Sardar Patel University, Anand, **Dr. B. B. Hosetti, Professor**, Kuvempu University, Karnataka, and **Dr. Piyush desai, Emeritus Professor**, PP Savani University, Surat with 10 oral presentations on the same theme throughout the day..



Interaction by the delegates

Day 3: 09/03/2019

The third day was kick started with a talk from **Dr. D. Dhanasekran, Assistant Professor, Bharathidasan University, Tamil Nadu, Dr. Raufu Ibrahim Adisa, Associate Professor, University of Ilorin, Nigeria and Dr. Rajesh Patel, Professor, Veer Narmad South Gujarat University, Surat** on Animal Microbiome theme. There were 5 oral presentations on the same theme. At the end of conference, three best oral and poster papers were selected from each theme respectively.

The conference concluded with valedictory function in which Dr. D. R. Shah, Vice Chancellor, UTU was the chief guest, Dr. B. B. Hosetti, Professor, Kuvempu University, Karnataka was Guest of honour. Dr. B. B. Hosetti, spoke on the occasion and praised the CGBIBT, UTU and the organizers for having hosted such conference. Dr. N. Amaresan, Organizing Secretary, CGBIBT gave the concluding remarks followed by prize and certificate distribution by the dignitaries. Prof. Rajashekhar Ingalhalli thanked all the delegates and the dignitaries.



Valedictory function



ISME, Funding Report

The fund of 1000 euro generously supported by the ISME, The Netherlands to organize the National Conference on Microbiome Research was exclusively used for the travel grant of young researchers. It includes 4 Ph.D., Scholars, 4 academicians at the level of Assistant Professors and 4 early career Scientists. Further as per the guidelines of ISME, the logo of ISME was printed in Souvenir, conference pad, conference kit and also kept in our conference website (<http://cgbibt.edu.in/NationalconferenceonMicrobiomeresearch.html>).