## Committees

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#### Chairman

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Director, C.G. Bhakta Institute of Biotechnology

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Dr. A. Sankaranarayanan Mrs. Jinal Naik

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Dr. Dhruti Amin Dr. Giftson Senapathy

Dr. G. Jawahar Dr. Uriita Sheth

Dr. Abhishek Sharma Dr. Prittesh Patel

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Ms. Swetal Patel Ms. Jemisha Mistry

Ms. Dixita Panchal Ms. Monika Mehta

Mr. Hardik Gulani Mr. Kunal H. Naik

Ms. Krupa Dhanani





## **Registration form**



# **National Conference**

or

# Microbiome Research: Understanding the Diversity to Improve Plant, Animal, Human and Environmental Health (07th - 09th March 2019)

Title: Prof. / Dr. /Mr. / Ms.			
Name:			
Gender:			
Position:			
Name of the organization:			
Address:			
Telephone:Cell phone:			
E-mail:			
Specify the mode of presentation: Oral / Poster			
Title of the abstract:			
Name of the author(s):			
Payment Details			
Mode of payment: DD/Online Amount:			
Date: Accommodation required: Yes / No			

Please send it by email (cgbibtmicrobiome@gmail.com)

Note: Photocopy of the form is accepted. Students should forward their registration form through HoD/guide.

Date:



## **National Conference**



on

# Microbiome Research: Understanding the Diversity to Improve Plant, Animal, Human and Environmental Health

07<sup>th</sup> - 09<sup>th</sup> March 2019



## Organized by

C. G. Bhakta Institute of Biotechnology

Association of Microbiologists of India-UTU Unit
Uka Tarsadia University
Mahua Road, Tarsadi, Bardoli
Dist. Surat -394350, Gujarat



#### **Important dates**

Early bird registration : 31st December 2018
Last date for registration : 31st January 2019
Last date for abstract submission: 31st January 2019

For further information visit



## The Organizers Uka Tarsadia University

Twenty first century and globalization has created the need for evolution of newer centers of learning and higher education in the country. The establishment of Uka Tarsadia University in 2011 by the Bardoli Pradesh Kelavani Mandal with the help of generous donation from philanthropic NRIs is an effort towards meeting the growing demand for quality education. The University offers admissions in a comprehensive array of academic programs across various disciplines that lead students to self-enrichment and productive careers in their respective profession, government sector and industry.

## C. G. Bhakta Institute of Biotechnology

C.G. Bhakta Institute of Biotechnology was established in the year 2005 for initiating exclusive education in Biotechnology and Applied Sciences. It offers 5 years integrated programs, under graduate, postgraduate programs and doctoral research in Biotechnology & Microbiology. Since its establishment, CGBIBT has been striving to emerge as a centre of excellence in imparting career-based knowledge to the students to realize their professional ambition. The Institute has its previous record of holding two International conferences in 2014 and 2017. Many research projects funded by central government agencies in the field of Biotechnology and Microbiology are being carried out. In addition, CGBIBT has also taken up a mission to support the local farming community to grow profitable crops by supplying quality planting materials to them. For this purpose a sophisticated Plant Tissue Culture lab and climate controlled greenhouse have been established and accredited by DBT.

## Association of Microbiologists of India-UTU Unit

AMI-UTU unit at Uka Tarsadia University (UTU), Bardoli, Gujarat was formed with 29 life members in the year 2016. The unit was recognised on 9<sup>th</sup> May 2016 by the Central Council of the Association of Microbiologists of India (AMI). The main focus of the unit is to conduct academic activities to promote microbiology by organizing seminars, meetings, and conferences.

#### **About the Conference**

The word microbe has a reputation for causing disease in almost all living things. Indeed majority of the microbes do not harm, instead they are essential for the improvement of human, animal, plant and environmental health. The good microbes are always important in destroying the bad microbes. Apart from this, microbes are present everywhere and contribute to shape our environment. It is now well

established that every higher organism investigated, from plants, insects, and fishes up to mice, apes and humans, harbor a microbiome. The more varied community of microbes in any niche is much healthier, be it human, soil, marine, plants or an animal. All together, those microbes which are present in the environment contribute to the health of our planet. It is important to study: how the healthier humans have more variety of microbes in their guts; How the microbes contribute in food sources, recycling of organic matter, nitrogen cycles and biosynthetic capabilities; How the microbes are helpful in fighting global warming, cleaning up pollution, breaking down plastic and even developing a cure for incurable diseases; Considering the importance of microbes in the health of environment, plant, animal, and human it is necessary to understand their role by applying latest 'omics' techniques.

#### Theme of the Conference

#### **Plant Microbiome**

- Microbiomes on plant health
- Harnessing plant microbiomes for sustainable agriculture
- Analysing microbiome for enhancing nutrient use efficiency
- Harnessing the plant microbiome for improving biotic and abiotic stress tolerance.
- Exploring the unexplored microbiome resources for improving biocontrol

#### **Animal Microbiome**

- Marine animal microbiomes
- Microbiome Restorative Therapy
- Rumen microbiome
- Gastrointestinal tract microbiota and probiotics in production of animals

#### **Human Microbiome**

- Microbiome associated with specific organs
- Microbiome's role in diseases (bowel diseases, colitis, obesity, & diabetes)
- Modeling and impact analysis of health treatments on human microbiome
- Reshaping human microbiome with antibiotic intake
- Microbiomes mediates chemical exposure

#### **Environmental Microbiome**

- Soil microbiome
- Water microbiome
- Deep biosphere microbiome
- Extreme environment microbiome
- Space microbiome
- Microbiome interaction in climate change

#### Who can attend?

Academicians, Scientists, Early-career researchers, and students from diverse fields of Microbiology, Biotechnology, Biochemistry, Botany, Zoology, Genetics, Bioinformatics, Environmental Biology, Anthropology, Geology and other allied fields.



The abstracts are invited from the scientific community for oral and poster presentation. Abstract should not exceed 350 words including title, author(s), name and affiliation with active email ID. Abstract should be prepared by using MS word in Times New Roman 12 font, double line spacing. Underline the name of the presenting author. All accepted abstracts will appear in the conference souvenir. Abstracts may be submitted as an E-mail attachment to the Organizing Secretary at: <a href="mailto:cgbibtmicrobiome@gmail.com">cgbibtmicrobiome@gmail.com</a> (please write Abstract Title & Name as the subject of E-mail).

**Instructions for poster:** Poster size – 3 ft width and 4 ft height (36 inch W x 48 inch H).

**Awards:** The conference offers best research paper award (three oral and three posters) to encourage the young researchers. The awards include certificate and conference memento.

## Registration\*

Category	Till 31 <sup>st</sup> January 2019	Late or On Spot Registration
Students	Rs. 1200	Rs. 1500
Academicians and Scientists	Rs. 2000	Rs. 2500
Industry	Rs. 2500	Rs. 3000
Accompanying person	Rs. 1000	Rs. 1000
One day registration	-	Rs. 1000

Early bird registration (before 31<sup>st</sup> December 2018) and group registrations will get 20% fee concession. \* Registration fee includes conference kit, lunch, dinner and refreshments. Registration fee can be paid through demand draft or through online transfer as per the details given below. Registration fee is non-refundable.

#### **Bank details**

Name of Account holder	C. G. Bhakta Institute of Biotechnology
Account No.	520101221374104
IFSC code	CORP0000464
Bank	Corporation Bank
Branch	Bardoli

#### Accommodation

Accommodation will be arranged in the nearby hotels on request. The rooms will be allocated as per the requirements and according to the availability. Hotel charges have to be borne by the participants. For students, hostel accommodation can be arranged as per availability with nominal charges.