



Program Details

12th to 15th September 2016 at MCC, Pune

Monday, 12th September 2016	
1600-1700	Registration
1700-1730	Welcome Session -- Welcome: Brian Austin, President BISMIS -- Overview BISMIS-2016: Kamlesh Jangid, Secretary BISMIS & Convener BISMIS-2016 -- IJSEM Best Poster Award: Aharon Oren, Editor-in-Chief IJSEM -- Microbial Systematics in India: Yogesh Shouche, Local Organizing Chair -- Official Release of "BISMIS-2016 – a souvenir": Kamlesh Jangid -- Speaker Introduction: Brian Austin
1730-1830	Opening Address - Taxonomy of Prokaryotes - New Challenges in a Global World -- Peter Kämpfer
1915-2200	Welcome Mixer (Seasons Hotel)

Tuesday, 13th September 2016	
0900-1530	Session 1 - Genomic/Metagenomic Description of Novel Taxa Chairs: Jongsik Chun, Brian Hedlund
0900-0940	Keynote 1 - Use of Genome Sequence Data in Bacterial Taxonomy: Perspectives from Large Scale Analysis -- Jong Sik Chun
0940-1010	1.1 - Comparative Genomic Analysis Among Members of <i>Stappiaceae</i> fam. nov. and Proposal of Two Novel <i>Labrenzia</i> sp. -- David R Arahal
1010-1040	1.2 - Genome Based Phylogenetic Analysis to Investigate Relationships Between the Genera <i>Erwinia</i>, <i>Pantoea</i> and <i>Tatumella</i> -- Marike Palmer
1040-1110	Refreshments/Poster Session
1110-1140	1.3 - Genomic Insights Into the Species <i>Micromonospora saelicesensis</i> and its Interaction With Legumes -- Martha Trujillo
1140-1210	1.4 - Lessons Learnt From the Use of Genomes in the Description of New Species of <i>Aeromonas</i> and <i>Arcobacter</i> -- Maria J Figueras
1210-1240	1.5 - Integration of Average Amino Acid Identity (AAI) and Percentage of Orthologous Genes (BBH) in a Single Phylogenomic Metric, the Reciprocal Orthology Score Average (ROSA) -- Jeffrey D Newman
1240-1340	Lunch
1340-1420	Keynote 2 - Cultivation-Independent Genomics Approaches and Their Relevance to Microbial Taxonomy -- Brian Hedlund
1420-1450	1.6 - A Database Prototype for Genome-Based Descriptions of Any Kind of Microbial Taxa -- Boris Vinatzer
1450-1520	1.7 - K-Shuff: A Novel Algorithm for Characterizing Structural and Compositional Diversity in Gene Libraries -- Kamlesh Jangid
1520-1530	Remarks By Session Chair
1530-1600	Refreshments/Poster Session
1600-1750	Session 2 - Cultures and Culturing of As-Yet-Uncultivated Microbes Chairs: Svetlana Dedysh, Paul A Lawson
1600-1640	Keynote 3 - Community Wide Insights into Stressed Niches Using Metagenomic Approach -- Rup Lal
1640-1710	2.1 - Isolation of Novel Methanotrophs From Indian Rice Rhizosphere Including a Putative New Genus Within Type Ia Methanotrophs -- Monali Rahalkar
1710-1740	2.2 - Preservation of Uncultured in Omics Era -- Om Prakash
1740-1750	Remarks By Session Chair
1800	Departure to National Centre for Cell Science (NCCS)
1830-1930	Cultural Program (NCCS Auditorium)
1930-2130	Dinner

Wednesday, 14th September 2016	
0900-1300	Session 3 - The Role of Cultures in the Twenty First Century Chairs: Brian Austin, Yogesh Shouche
0900-0940	Keynote 4 - The Value of Cultures to Modern Microbiology -- Brian Austin
0940-1010	3.1 - Extending Characterized Diversity to Shape the Taxonomic Structure of the Order Planctomycetales -- Svetlana Dedysh
1010-1040	3.2 - Discovering Novel Bacteria With an Eye to Biotechnological Applications -- Syed Dastager
1040-1110	Refreshments/Poster Session
1110-1150	Keynote 5 - Megaculturomics of Microbial Biodiversity from Diverse Ecological Niches in India -- Yogesh Shouche
1150-1220	3.3 - A Study of Prokaryotic Diversity from Marine Habitats of the Central West Coast of India Using Conventional and Metagenomics Approach -- S. Krishnamurthy
1220-1250	3.4 - Distribution, Diversity and Potential Activity of Bacteria in Coastal Areas of the Mediterranean Sea at Space and Time -- Kumari Richa
1250-1300	Remarks By Session Chair
1300-1400	Lunch
1400-1740	Session 4 - Modern Approaches to Identification/Diagnosis Chairs: Peter Kämpfer, Paul De Vos
1400-1440	Keynote 6 - Novel Insights into Microbial Systematics Based on Molecular Ecology and Comparative Genomics Approaches -- Joerg Overman
1440-1510	4.1 - In-Silico Chemotaxonomy: a Tool for 21st Century Microbial Systematics -- Paul A Lawson
1510-1530	4.2 - Chemotaxonomy: from Safety to Where? -- Iain Sutcliffe
1530-1600	Refreshments/Poster Session
1600-1630	4.3 - Objective Taxa Delineation With Candidate Taxonomic Unit Concept -- Pelin Yilmaz
1630-1700	4.4 - Proteotyping: Tandem Mass Spectrometry Proteomics and Whole Genome Sequence-Based Diagnostics of Infectious Bacteria is Dependent Upon a Reliable and Comprehensive Systematic Framework -- Ed Moore
1700-1730	4.5 - Metabolomics in bacterial taxonomy -- Ch Sasikala
1730-1740	Remarks By Session Chairs
1740-2100	Dinner at Dyna Biotech, Pune

Thursday, 15th September 2016	
0900-1120	Session 5 - Minimum Standards for the Description of New Taxa Chairs: William Whitman, Martha Trujillo
0900-0940	Keynote 7 - Modest Proposals for Unification of the Nomenclature of Cultured and Uncultured Prokaryotes -- William Whitman
0940-1010	5.1 - Genealogical Concordance and Other Lines of Evidence for the Recognition and Description of Bacterial Species -- Stephanus Venter
1010-1040	Refreshments/Poster Session
1040-1110	5.2 - Next Generation Bacterial Genome Assembly and Metagenomes -- Stephen Rudd
1110-1120	Remarks By Session Chair
1120-1230	BISMIS Business Meeting (Members Only)
1230-1330	Lunch
1330-1520	Session 6 - Cyanobacterial Taxonomy Chair: Aharon Oren
1330-1410	Keynote 8 - The Current Status of Cyanobacterial Nomenclature Under the "Prokaryotic" and the "Botanical" Code -- Aharon Oren
1410-1440	6.1 - A Shared Species Definition is Needed for a Unified Approach to the Taxonomy of Cyanobacteria -- Stefano Ventura
1440-1510	6.2 - New Species of <i>Nostoc</i> (Cyanobacteria) Isolated from Pune, India Using Morphological, Ecological and Molecular Attributes -- Prashant Singh
1510-1520	Remarks By Session Chair
1520-1550	Refreshments/Poster Session
1550-1630	Discussion By Expert Panel
1630-1700	Closing Session -- Summary, BISMIS-2016: Kamlesh Jangid -- IJSEM Best Poster Award: Aharon Oren -- Bergey's Recognitions & BISMIS Election Results: William Whitman -- Closing Remarks: Yogesh Shouche -- Closing Remarks: Brian Austin -- Vote of Thanks: Kamlesh Jangid