



8th NABS-National Seminar

Theme

Biological Products for Crop, Animal and Human Health-
Problems and Prospects

Series No. 8

General Particulars

Date : 21 & 22 August, 2015
Venue : University of Mysore, Mysuru,
Karnataka

The eighth NABS-National Seminar on "*Biological Products for Crop, Animal and Human Health-Problems and Prospects*" was organized at University of Mysore, Mysuru for two days from 21 to 22 August 2015 in collaboration with Department of Studies in Biotechnology, University of Mysore, Mysuru, Karnataka.

Organizing Chairman : Prof. H. S. Prakash
Department of Studies in Biotechnology,
University of Mysore, Mysuru- 570 006

Organizing Secretary : Dr. S. Umesha
Associate Professor, Department of Studies
in Biotechnology, University of Mysore,
Mysuru- 570 006

Inaugural function

Presided over by : Prof. K. S. Rangappa
Vice Chancellor, University of Mysore,
Mysuru, Karnataka

Conferring "Prof. S. Kannaiyan
Memorial Award" on
Dr. M. Mahadevappa & inaugural
address as Chief Guest : Dr. S. Chandrasekhar
Director; CSIR-IICT, Hyderabad

Conferring “NABS-Life Time Achievement Award” on Dr. K. Shiva Shankar & Key Note address	: Prof. Tapas K. Kundu Jawaharlal Nehru Centre for Advanced Scientific Research [JNCASR], Bangalore
Guest of Honor	: Dr. S. R. Niranjana Vice Chancellor, Gulbarga University, Kalaburagi
Special Address	: Dr. V. A. Parthasarathy President, National Academy of Biological Sciences
Prof. S. Kannaiyan Memorial Oration	: Dr. M. Mahadevappa Padma Bhusahan Awardee
Topic	: Evergreen and Never fading seed industries: Some issues

The deliberations of National Seminar on “*Biological Products for Crop, Animal and Human Health-Problems and Prospects*“ were made in four technical sessions *viz.*, (i). Biological Products for Crop Health Management, (ii). Biological Products for Animal Health Management, (iii). Biological Products for Human Health Management and (iv). Formulation of Bioproducts and registration requirements and quality control of bioproducts. Each technical session was preceded by lead paper(s).

Technical Session- I : Biological Products for Crop Health Management

Chairman	: Dr. D. J. Bagyaraj Vice-President, NABS, Bangalore
Co-Chairman	: Dr. M. Anandaraj Director, ICAR-IISR, Calicut, Kerala
Lead Paper-1	: Characterization and utility of fluorescent <i>Pseudomonas</i> for antibiotic genes and growth promotion in sustainable disease management
Presented by	: Dr. M. K. Naik, J.U. Vinay, P. Reshma and G. Chennappa, UAS, Raichur
Lead Paper-2	: Biological Products to protect Arabica coffee (<i>Coffea arabica</i> L.) plants against white stem borer (<i>Xylotrechus quadripes</i> Chevrolat (Coleoptera: Cerambycidae)
Presented by	: Dr. H. L. Sreenath, J. S. Meghana, P. Santosh, B. Muniswamy, K. Bharathi,

	R. Kousalya, M. K. Mishra, H. G. Seetharama and P. K. Vinodkumar, CCRI, Mysore, Karnataka
Lead Paper-3 :	Detection and differentiation of Peptaibols from Trichoderma spp. for crop health management
Presented by :	Dr. S. Shishupala Davangere University, Davangere, Karnataka
No. of oral Presentations :	10

Technical Session-II : Biological Products for Animal Health Management

Chairman :	Dr. V. A. Srinivasan Advisory, NDDB, Hyderabad
Co-Chairman :	Dr. S. Basaviah Sericulture Science, UoM, Mysuru
Lead Paper-1 :	Technology solutions for animal health issues
Presented by :	Dr. B. Mohana Subramanian, Kota Sathish, V. Maroudham, G. Dhinakar Raj and V. A. Srinivasan, TANUVAS, Chennai
Lead Paper-2 :	Prevention and control of animal diseases using biologicals
Presented by :	Dr. B. M. Chandranaik Institute of Animal Health and Veterinary Biologicals, Hebbal, Bangalore, Karnataka
Number of Oral Presentations made :	4

Technical Session-III : Biological Products for Human Health Management

Chairmen :	Dr. P. V. Salimath JSS University, Mysore
Co-Chairman :	Dr. N. Raaman University of Madras, Chennai
Lead Paper-1 :	Molecular understanding of complications of diabetic nephropathy and beneficial role of foods

Presented by	: Dr. P. V. Salimath JSS University, Mysore
Lead Paper-2	Potential drugs from medicinal plants for human welfare
Presented by	Dr. N. Raaman University of Madras, Chennai
Lead Paper-3	Noni (<i>Morinda citrifolia</i> L.) for health and wellness
Presented by	Prof. P. I. Peter Noni Biotech, Chennai
Lead Paper-4	Are insulin insufficiency diseases and vitamin deficiency diseases comparable?
Presented by	: Dr. T. Verabasappa DOS in Biochemistry, University of Mysore
Lead Paper-5	Phenotyping of banana cultivars for nutritional quality
Presented by	Dr. R. Dhandapani, V. P. Singh, Ajay Arora and Neera Singh Division of Agricultural chemicals, IARI, New Delhi
Number of oral presentations	9

Technical Session-IV : Formulation of Bioproducts and registration requirements and quality control of bioproducts

Chairman	: Dr. N. Mathivanan University of Madras, Chennai
Co-Chairman	: Dr. S. Nakkeeran Department of Plant Pathology Tamil Nadu Agricultural University, Coimbatore
Lead Paper-1	: Use of biological Products in Indian Agriculture-Challenges and way forward
Presented by	: Dr. R. Selvasundaram and Indranil Das Head, Technology South Asia, Agrinos India Pvt. Ltd., New Delhi
Lead Paper-2	: Strategies for development of bioformulation for crop disease management

Presented by	:	Dr. S. Nakkeeran Department of Plant Pathology, TNAU, Coimbatore
Lead Paper-3	:	Intellectual Property Right (IPR) as a key driver in research and development- Legal and national perspective
Presented by	:	Dr. Niranjana Murthy University of Agricultural Sciences, GKVK, Bangalore
Number of Poster Presentations made	:	4

Poster Presentations

Separate session on Posters was also organized and many students and young biologists participated in the Poster Session. The Best oral / Poster presentations were awarded.