

# Hort-Informatics 2010

NATIONAL CONSULTATIVE MEET ON BIOINFORMATICS IN HORTICULTURE

11 – 12 October 2010

## Programme

11 October 2010

08.30 am – 09.30 am	Registration	
09.30 am – 10.30 am	<b>Inaugural Session</b>	
	<b>Inauguration and address</b>	<b>Dr. H.P. Singh, DDG (Hort), ICAR, New Delhi</b>
11.30 am – 01.00 pm	<b>Session I: Interactive session</b>	
	<i>Chair</i>	<i>Dr. H.P. Singh, DDG (Hort)</i>
	<i>Presentations</i>	<ol style="list-style-type: none"> <li>1. Dr. Anil Rai, IASRI, New Delhi</li> <li>2. Dr. S K Chakrabarti, CPRI, Shimla</li> <li>3. Dr. R Manimekalai, CPCRI, Kasaragod</li> <li>4. Dr. J Sreekumar, CTCRI, Trivandrum</li> <li>5. Dr. Lakshmana Reddy, IIHR, Bangalore</li> <li>6. Dr. A K Das, NRC Citrus, Nagpur</li> <li>7. Dr. M Balakrishnan, CARI, Port Blair</li> <li>8. Dr. S J Eapen, IISR, Calicut</li> </ol>
02.00 pm – 05.45 pm	<b>Session II: Genomics &amp; Proteomics</b>	
	<i>Chair</i>	<ol style="list-style-type: none"> <li>1. Dr. P. Anandakumar, NRCPB, New Delhi</li> <li>2. Dr. S.K. Naskar, Director, CTCRI, Trivandrum</li> </ol>
	<i>Invited talks</i>	<ol style="list-style-type: none"> <li>1. Genomics for crop improvement by Dr. P. Ananda Kumar, Director, NRC Plant Biotechnology, New Delhi</li> <li>2. Fungal genomics by Dr. B. P. Singh, Director, CIPR, Shimla</li> <li>3. Analytical procedure in biotechnology: Applications in genomics &amp; proteomics by Dr. P. Gautam, Anna University, Chennai</li> <li>4. Genomic landscape of a wild type strain of zebra fish by Dr. Sridhar Sivasubbu, TCGA, New Delhi</li> <li>5. Gene tagging for plant functional genomics by Dr. Ramesh Bhat, UAS, Dharwad</li> <li>6. Bioinformatics in fishery science by Dr. K.K. Vijayan, Head, CMFRI, Kochi</li> <li>7. Bioinformatics in Animal Science by Dr S De, NDRI, Karnal</li> </ol>
06.00 pm – 07.00 pm	<b>Evening lectures</b>	
	<i>Chair</i>	<i>B.P. Singh, CPRI, Shimla</i>
	<i>Invited talks</i>	<ol style="list-style-type: none"> <li>1. Solid, next generation sequencer &amp; applications by Dr. Sailesh Gochhait, Labindia Life Sciences Pvt.Ltd.</li> <li>2. The power of differential proteome analysis by Dr. Bob Kennedy Dass, GE Healthcare-Life Sciences</li> </ol>

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09.30 am – 10.45 pm

**Session III: Cheminformatics**

*Chair*

1. Dr. MM Anwar, Director, NRC Seed Spices, Ajmer
2. Dr. B. Chempakam, HOD, IISR, Calicut

*Invited talks*

1. Comparative metabolomic applications in Horticultural crop improvement by Dr. Soma Marla, NBPGR, New Delhi
2. Pesticide design considerations for novel molecules by Dr. S. Balaji, MIT, Manipal

11.00 am – 01.00 pm

**Session IV: Biodiversity informatics**

*Chair*

1. Dr. M. G. Bhat, Director, DCR, Puttur
2. Dr. M. Anandaraj, Project Coordinator (Spices), IISR, Calicut

*Invited talks*

1. Biodiversity databases by Dr. Rakesh Agrawal, NBPGR, New Delhi
2. DNA bar coding: Problems, progress and prospects by Dr. S. Ragupathy, University of Madras, Chennai
3. SAHYADRI: Western Ghats biodiversity information system by Dr. T.V. Ramachandra, CES, IISc, Bangalore
4. Biodiversity informatics of plant associated bacteria by Dr. Prabhu B. Patil, IMTECH, Chandigarh
5. Insect genomics: A practical perspective by Dr. N.K. Krishna Kumar, IIHR, Bangalore

02.00 pm – 03.00 pm

**Plenary session**

*Chair*

1. Dr. S.D. Shikhamany, VC, APHU
2. Dr. V. A. Parthasarathy, Director, IISR, Calicut