

ICAR- NBPGR, NAAS, India in collaboration with Society for Low Temperature Biology (SLTB), UK and Royal Botanic Gardens (RBG), Kew, UK, is organizing International Conference on 'Low Temperature Science and Biotechnological Advances' during 27-30th April 2015 at NASC Complex, Pusa Campus, New Delhi. For details please see the website- (www.cryobiotechasia2015.in).



**International Conference on
Low Temperature Science and
Biotechnological Advances**
Indian Council of Agricultural Research

27th-30th April 2015,
NASC, Pusa Campus,
New Delhi

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**ICAR-NBPGR Center
of Excellence for
International
Training in in Vitro
and Cryopreservation**




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**Early Bird Registration and Abstract
Submission Closes on 28th Feb 2015**

Registration Open!

Rationale

- Understanding how cells and tissues tolerate low temperatures in nature has accelerated scientific experimentation and enabled progress in the cryopreservation of genetic resources, particularly for use in agriculture (food security), medicine (e.g. stem cells) and conservation (protection against species extinction).
- Since the first success in cell cryopreservation >50 years ago, the field of low temperature science has increased rapidly to explore the biochemical, molecular, physiological and biophysical basis of low temperature tolerance. Associated improvements in cryo-methodologies have now resulted in much wider opportunities for

Learning Objectives

- As Asia's contribution to world economic growth continues, including through an expanding biotechnology sector, it is time to assess how future developments can be underpinned by international collaborations in bio-banking, via South-South and North-South linkages.
- In view of this need, the Government of India, through the Indian Council of Agricultural Research, with National Academy of Agricultural Sciences, India, the Society for Low Temperature Biology, UK and the Royal Botanic Gardens, Kew, UK have committed to organize the **International Conference on Low Temperature Science and Biotechnological Advances**.

Goals of the Conference

- This Conference will enable scientists, researchers and students – in the public and private sectors – to review and discuss recent research and practical applications of low temperature science including cryopreservation in the biotechnology arena.
- Keynote lectures will be delivered by scientific leaders from across the world, with the aim of stimulating future programmes on the cryopreservation of genetic resources of plant, animal, human, fish and microbe using diverse biological materials for the benefit of humankind.

Our World Class Speakers

 <p>Prof. Glyn Stacey</p> <p><i>Head of Division of Cell Biology, UK, National Institute for Biological Standards and Control, UK</i></p> <p>Glyn Stacey has a background in microbiology and cancer research and has worked on the development of cell substrates Read More..</p>	 <p>Prof. David Rawson</p> <p><i>Senior Scientist, University of Bedfordshire, UK</i></p> <p>David Rawson has a background in cell and micro- biology, with two main research interest – cell based biosensors for environmental monitoring, and cryopreservation of fish Read More..</p>	 <p>Dr. Ampika Thongphakdee</p> <p><i>Chief of Research Department, The Zoological Park Organization, Thailand</i></p> <p>Dr. Ampika Thongphakdee is Chief of Research Department, Bureau of Research and Conservation of the Zoological Park Organization (ZPO), Thailand. Read More..</p>	 <p>Dr. Maurizio Lambardi</p> <p><i>Senior Scientist, National Research Council (CNR), Italy</i></p> <p>Dr. Maurizio Lambardi is a Senior Scientist and Project Leader of the National Research Council (CNR) of Italy, at the Trees and Timber Institute (IVALSA) of Florence. He is the Chair of ISHS Read More..</p>
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