

Final Circular

Symposium  
on  
**PROSPECTS OF STEVIA**



September 24-25, 2010

**Organized by**



**INSTITUTE OF HIMALAYAN BIORESOURCE TECHNOLOGY**  
(Council of Scientific and Industrial Research)  
PALAMPUR-176061 (INDIA)

[http://www.ihbt.res.in/stevia\\_symposium/index.php](http://www.ihbt.res.in/stevia_symposium/index.php)

Sponsored by



Department of Science & Technology  
Ministry of Science & Technology



Department of Biotechnology  
Ministry of Science and Technology



## About the Symposium

*Stevia rebaudiana* (Bertoni) is a bushy plant and its leaves produce low calorie sweeteners (steviol glycosides) of which stevioside and rebaudioside-A are the major ones and 300 to 400 times sweeter than sucrose. Steviol glycosides are ideal for diabetics and as low calorie diets. With increasing consumer interest in natural products and the recent FDA approval of rebaudioside-A as GRAS, it is expected that the annual demand of stevia products will touch \$700 million with in next five years. Such a demand is required to be supported by improved varieties of stevia for agronomical traits as well as higher rebaudioside-A content. With the increased incidence of diabetes and obesity in India and abroad and growing concern over the health safety of some synthetic sweeteners, a low calorie sweetener with market acceptability is the need. This two day “**Symposium on Prospects of Stevia**” is being organized at IHBT (CSIR), Palampur, will provide a platform for researchers, academicians and industrialists to interact and discuss various issues related to development of this crop at national level. The symposium will emphasize on the aspects of cultivation, genetic improvement, genomics and metabolomics, post harvest technologies and regulatory issues. The technical programme will include invited lectures of prominent scientists, oral and poster presentations highlighting the latest advancement and applications. In context to this, scientists, academicians and representatives from industry from all over the country are invited to participate in two days deliberations of the symposium. Looking forward to your active participation and making this event a grand success.

## Themes

- **Plant Improvement & Crop Production:** Plant breeding & genetics, Cultivation technologies, Crop protection, Economics and Post-harvest management.
- **Biotechnology:** Genomics, Metabolomics, Pathway engineering, Bio-transformation and *In vitro* cell & tissue culture.
- **Market Opportunities and Challenges:** Use of stevia in food, beverages and pharmaceutical industries.
- **Quality and Regulatory Issues:** Standards for development of specific products, Crop acceptance and consumer awareness for health and safety.

## Important Dates

- **Registration** : August 30, 2010
- **Registration with late fee** : September 14, 2010
- **Abstract submission** : August 30, 2010



## Registration Fees (Non Refundable/Non Transferable)

Category	Registration	Registration with late fee	Spot (with prior information)
Indian Scientist/Professionals	INR 2500	INR 3000	INR 4000
Students/ResearchScholar/ Research Associate (Submit Proof)	INR 1000	INR 1500	INR 2000
Farmers (Submit Proof)	INR 500	INR 600	INR 700
Industry/Corporate/NGO	INR 4000	INR 5000	INR 6000
Foreign Participants	US \$ 150	US \$ 200	US \$ 250

The delegates are requested to pay the registration fee by demand draft in favor of The Director, IHBT (CSIR), Palampur, payable at State Bank of India, HPAU Branch, Palampur. In case of bank transfer please use the following details

Account Number : 30268795419  
 Bank Name : State Bank of India  
 Branch : SBI HPAU Palampur  
 Branch Code : 3632  
 Swift Code : SBININBB277  
 IFSC Code : SBIN0003632 (0 - read as zero)  
 MICR : 176002063



### Please Note:

- Accompanying spouse will be charged 50% extra.
- Name and address should be mentioned on the reverse of the Demand Draft .
- Details of e-transfer should be communicated along with registration.

## Accommodation

Accommodation in hotels may be arranged by delegates themselves directly or through us on request with full advance payments. The tentative hotel charges and contact addresses are:

Hotel	Approx. charges per day	Phone No.	E-mail booking / Online reservation
Hotel 'T'-Bud	Rs. 900-2000	+91 177 2860601	booking@himachalhotels.in
Hotel Yamini	Rs. 500-1800	01894-230631	reservation@yaminihotel.com
Vishal Residency Hotel	Rs. 1400-1800	-	Online booking available
Hotel Surbhi	Rs. 400-1200	-	Online booking available
Chandan Palace Hotel	Rs. 350-900	-	Online booking available
Hotel Highland Regency	Rs. 700-1200	+91-1894-231222	jaswant@highlandregency.com
Hotel Sai Gardens	Rs. 1600-3500	+91-1894-235241	gm@saigardens.com

## *Chief Patron*

**Prof. Samir K Brahmachari**

Secretary DSIR & Director General,

Council of Scientific and Industrial Research, New Delhi, India

## *Patrons*

**Prof. VL Chopra**

Former Member, Planning Commission, Govt. of India, New Delhi

**Prof. SS Johl**

Former Vice Chairman, Punjab State Planning Board

**Dr. T Ramasami**

Secretary, Department of Science & Technology, Govt. of India,  
NewDelhi

**Dr. MK Bhan**

Secretary, Department of Biotechnology, Govt. of India, New Delhi

## *Chairman*

*Local Organizing Team*

**Dr. PS Ahuja**

Director

Institute of Himalayan Bioresource Technology (CSIR), Palampur

## *Symposium Convenors*

**Dr. Ashok Yadav**

Scientist

Institute of Himalayan Bioresource Technology (CSIR), Palampur

**Dr. Sanatsujat Singh**

Scientist

Institute of Himalayan Bioresource Technology (CSIR), Palampur



## **Contact**

Stevia Symposium Secretariat

Institute of Himalayan Bioresource Technology

(Council of Scientific and Industrial Research)

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[http://www.ihbt.res.in/stevia\\_symposium/index.php](http://www.ihbt.res.in/stevia_symposium/index.php)

## Advisory Committee

- Dr. S.K. Sopory, Group Leader, Plant Molecular Biology, ICGER, New Delhi-110067  
Dr. V. Prakash, Director, Central Food Technological Research Institute (CSIR), Mysore, India  
Dr. P.S. Ahuja, Director, Institute of Himalayan Bioresource Technology (CSIR), Palampur, India  
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Dr. M. Udaya Kumar, Department of Crop Physiology, UAS, GKVK, Bangalore  
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Dr. Virender Singh, IHBT (CSIR), Palampur  
Dr. D. Dhyani, IHBT (CSIR), Palampur  
Dr. Aparna Maitrapati, IHBT (CSIR), Palampur

## Guidelines for Abstract

- State theme of the work.
- Be typed in MS word in Times New Roman font (12pts) in single space and full justification.
- State the objective of work, methodology, significant results and conclusions.
- Do not include figures, tables or references.
- Abstract title in bold letters (14 font size) double space between the title and author's name (and full affiliation with e-mail address).
- Abstract text in single space, use double space between the affiliation and text of the Abstract.
- Scientific Committee reserves the right to Accept or Reject the abstract .
- Good quality abstracts will be invited for full length papers.
- Mark (\*) on the name of the presenting author.
- The presenting author must register for the conference as delegate.

## Guidelines for Poster

A poster should be informative, attractive, well organized and self explanatory. Present a few major findings, its significance and implication. The discussion should give the interpretation and significance of the results.

- **Size** : Poster size approx. 24”(W) X 34”(H).
- **Text** : Give a brief (50 words) introduction followed by material, method and results. Minimize words while maximizing visuals.
- **Illustrations** : Photographs and graphics should be of good quality. Captions and label on diagrams and graphs should be readable.
- **Organization** : The design should be either from left to right or top to bottom.



## About Institute

The Institute of Himalayan Bioresource Technology is located in picturesque town of Palampur (32°N, 76° E, and 1300m above msl) perched in the lap of majestic snow clad Dhauladhar range of Himalayas in the state of Himachal Pradesh, India. IHBT is committed to support the development of an industrial R&D base for establishment, upgradation and sustainable management of bio-resources of the Himalayan region through agro-technology, processing technology and biotechnology.

## How to Reach

**By air:** Domestic daily flight can be availed from Delhi to Dharamshala (Gaggal) airport (45 km from Palampur).

**By rail & road:** Palampur is well connected to Delhi, Chandigarh, Amritsar, Jammu and Pathankot by road. Nearest Broad gauge railway station is at Pathankot (120 km) where from train, taxi and frequent bus services are available for Palampur.





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**Registration Form**

(Please type and send electronically/FAX/Post or to any of the e-mail addresses provided)

Full Name: \_\_\_\_\_

Designation: \_\_\_\_\_ Registration Category: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone No. (O): \_\_\_\_\_ (Resi): \_\_\_\_\_

Mob.: \_\_\_\_\_ FAX: \_\_\_\_\_

E-mail: \_\_\_\_\_

Title of the Abstract: \_\_\_\_\_

\_\_\_\_\_

Registration Fee (Rs./US\$): \_\_\_\_\_

Cash/DD/e-transfer: \_\_\_\_\_

DD No. \_\_\_\_\_ Dated: \_\_\_\_\_

e-Transfer details: \_\_\_\_\_

\_\_\_\_\_ Dated: \_\_\_\_\_

Accommodation required (Y/N): \_\_\_\_\_

Accompanying persons, if any: \_\_\_\_\_

**Travel plan:**

Particulars	Date	Time	Flight/train/bus
Arrival			
Departure			

Date:

Place:

Signature of the participant

**Please Note:**

- Name and address should be mentioned on the reverse of the Demand Draft.
- Details of e-transfer should be communicated along with registration.