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For Details contact:

Ajay Singh President, AKWL Mobile: 9415049329

Dr. P. K. Seth CEO, Biotech Park Mobile: 9839010166

Dileep Kumar Secretary, AKWL Mobile: 9715649067 Fax: 0522-4003555 Dr. Huma Mustafa Joint Director, CST, UP Mobile: 9415543193

Email: bioconf15@akwl.org ; humamustafa1@yahoo.co.in

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Amity University, Lucknow Awadh Technology Park & SEZ (P) Ltd. Weber Consultancy Services (P) Ltd. SRM Techsol Pvt.Ltd.

Event Sponsor: Council of Science & Technology, UP

CST. UP

Date: Monday 1st June, 2015 Venue: Hotel Clarks Avadh, Lucknow



CDRI, CIMAP, IITR, NBRI





BIOTECHNOLOGY: BUSINESS OPPORTUNITIES IN UTTAR PRADESH



Co-organizers:



CISH, NBGR, IISR, CSSRI

Supported by Industry Associations:



Background

Uttar Pradesh, the most populous State of India, is well known for its rich culture, religion and diverse geographical land. It is endowed with natural wealth in abundance such as minerals, forests, flora & fauna and human resource. The economy of Uttar Pradesh is primarily agriculture based, about 2/3rd of the population depends on agriculture for their livelihood. The State is the largest producer of food grain in India and offers agro-climatic conditions which are conducive for agricultural production. It is the largest producer of wheat in India. The State contributed around 32.8 percent to the country's total wheat production in 2012-13; and contributed 19.9 percent to the country's total food grains production.

The State government has taken initiatives for the rapid growth of the State and has brought up new proactive policies for agriculture & food processing, where science and technology plays a critical role by catalyzing accelerated absorption of new technologies and translating them into the field. The State has constituted a Vision Group for the promotion and development of Biotechnology in the State of Uttar Pradesh. The recommendations of Vision Group are in process of implementation. The Biotech Policyof UP-2014 has also been announced recently.

Lucknow offers a multidisciplinary blend of excellent facilities and expertise in the area of biotechnology, having four CSIR laboratories i.e. CDRI, NBRI, IITR, CIMAP and four ICAR laboratories i.e. IISR, CISH, NBFGR, CSSRI. These institutes have excellent expertise and infrastructure in the area of biomedical sciences and drug development, toxicology and environment protection, production of pest resistant plants, high yielding crop and fruit varieties. Realizing the great potential of U.P., Lucknow has been declared as The Biotechnology City of India during the 89 session of the Indian Science Congress in January 3, 2002.

Besides these the State of Uttar Pradesh have a number of centers of Human Resource Development like KGMU, SGPGI, IIT-K, BHU, AMU, IIIT- Allahabad, UPTU, BBAU, AU, LU, etc. The State has the highest Gross State Domestic Product (GSDP) in the country for agriculture and nutraceuticals. In view of this, the State is geared up to accept opportunities to introduce "value added" or "enhanced" crops with increased yields and nutritional value, improved resistance to diseases and pests, tolerance to abiotic stresses, reduced crop maturation time and longer shelf life.

There is need to identify areas of biotechnology which are relevant to address the location specific problems for promotion of business opportunity in the state. The biotechnology infrastructure and rich human resource development of the state provides sound industry base and vast market development opportunity for biotech products and business in the biopharmaceuticals, agricultural, food and nutrition sectors to cater to the state's growing population.

Objectives of the Conference

The conference will be promoted by the Department of Science & Technology, Government of UP and a joint endeavor of Council of Science & Technology, UP (CSTUP) and Association of Knowledge Workers of Lucknow (AKWL). The technical sessions of the conference will deal with frontline areas of Biotechnology from the esteemed scientists representing National Institutions/Industry.

The main objective of BBOUP-2015 is to provide appropriate platform for the farmers, emerging researchers, academicians, scientists, entrepreneurs and students. Interactive sessions shall allow the participants to question and explore the emerging sustainable biotechnologies and assess their implications on the society and environment resources as a whole.

Programme at a glance

ТІМЕ	PROGRAMME	SPEAKERS
9:00 —10:00 AM	REGISTRATION	
10:00 — 11:15 AM	INAUGURATION	* Chief Minister of U.P. *
The session will apprise participant's with the commitments of the State Government in promoting Bio-business in the State. The key note speaker would tell how biotechnology has grown and contributed to growth of India and what more needs to be done to exploit its full potential.	 Minister of State Science and Technology, U.P. Chief Secretary, Govt. of U.P. Agriculture Production Commissioner, Govt. of UP Dr. H.S. Das, Secretary Science & Technology, Govt. of UP Dr. M.K.J. Siddiqui Director, CSTUF 	
	 Dr. M.K.J. Sloundur Director, CSTOR Dr. Ram Vishwakarma, Director (CDRI & IIIM) Dr. P.K. Seth, CEO, Biotech Park Mr. Ajay Singh, President AKWL 	
11:15 - 11.30 AM	High Tea	
11.30-12:30PM	ENABLING BIO-BUSINESS The session will highlight the initiatives taken by the State Government in building infrastructure, its future plans, strengths in biotechnology and resources available in the State, the new policies drawn- specially the Biotech Policy	 Chairs : Dr. V.P. Kamboj - & Dr H.S. Das Secretary (Science & Technology) UP BT Policy 2014, Smt. Kanchan Verma, IAS, Jt. ED, Udyog Bandhu – UP State Industrial Policy & Infrastructure Amity University – on Human Resources for Biotech sector
12:20 — 13:30 PM	U.P A HUB FOR BIO-AGRI & AROMAS BUSINESS The session will unwind the business opportunities worldwide and where U.P. stands in aroma business.	 Chair: Dr. Anil K. Tripathi, Director CIMAP Mr. Shailendra Jain on Aroma Business Dr. SPS Khanuja, SKIES, Former Director, CSIR Dr. S Rajan, Director CISH Dr. Raju Barwale, MD, Mahyco Ltd, Mumbai
13:30 - 14:15 PM	LUNCH	Mumbai
14:15 - 15:30 PM	MAKING U.P. HUB FOR HEALTH CARE The session will highlight the potential of U.P. to become a new hub of biopharma, strengths, weakness and way forward	 Chairs : Dr. Ram Vishwakarma, Director (CDRI & IIIM) and Dr. Ravi Kant, VC, KGMU * Dr. Sanjay Singh, Gennova Biopharma, Pune Mr. Maharaj Kishen Sahib, Wockhardt, Aurangabad
15:30 — 16:45 PM	PANEL DISCUSSION The Panel Experts will deliberate on factors affecting the bio- business growth in the State and identify short and long term needs and prioritize them. The session will bring out key recommendations for implementation. The panel discussion will be followed by	 Chair: Dr. CS Nautiyal, Director (NBRI & IIDC Mr. LK Jhunjhunwala from FICCI Mr. V.A.K. Saxena, MD, Praxen P. Ltd. Mr. Rajneesh Chopra, PHDCCI Mr. Shivendra Singh, Progressive farmer Mr. Virendra Rawat, Editor Business Standard
16:45 to 17:00 PM	Concluding Session where recommendations/ way forward will be released and Vote of thanks	 Dr. Huma Mustafa, Joint Director (CST) & Sri Dilip Kumar

* Conformation Awaits