



SWEET '18 GLYCOCHEMISTRY, BIOLOGY AND TECHNOLOGY **SGBT 2018**



Indian Institute of Science
Education and Research Kolkata



Association of Carbohydrate Chemists
and Technologists India (ACCTI)

Invitation

Dear Members of the Sweet World

Researchers, academicians, industrialists and students actively engaged in the area of Glycochemistry, Biology and Technology are cordially invited to participate in the "**Sweet '18: Glycochemistry, Biology and Technology (SGBT 2018)**" to be held at Indian Institute of Science Education and Research (IISER) Kolkata from 19th December to 21st December 2018. The Association of Carbohydrate Chemists and Technologists, India (ACCTI) and Indian Institute of Science Education and Research (IISER) Kolkata are eagerly waiting to welcome you at **SGBT 2018** and make the event a grand success. The Association of Carbohydrate Chemists and Technologists, India (ACCTI) organizes conferences every year at various Universities and research Institutions in different parts of the country. This is the 33rd such conference **CARBO-XXXIII** to be held at IISER Kolkata. The conferences are attended by the scientists, academicians and industrialists from India and abroad. The motivation behind the organization of such conferences is to create a platform where young carbohydrate researchers get an exposure to the cutting edge science and technologies in the area through lectures by eminent Scientists, Academicians and Industrialists. Making the bridge between breakthrough science and the need of the market is the prime objective of the conference. To encourage sustained development in the broad area of carbohydrates, the Association give away various awards to people from academia and industry every year. Understanding the importance of translating academic research towards industrial applications and in line to the Government initiatives in the Country, **SGBT 2018** will aim to build more sustainable Industry-Academia relationship through panel discussion and extensive exchange of views.

I am looking forward to your enthusiastic participation in **SGBT 2018**.

Balaram Mukhopadhyay

Organizing Secretary, SGBT 2018

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Thematic Areas to be covered in SGBT 2018

Necessarily every aspects of carbohydrates will be discussed in the conference including the following emerging areas:

1. Carbohydrates in Drug Development
2. Glyco-nanotechnology
3. Carbohydrates for green energy
4. Polysaccharides in industry
5. Functional glycopolymers
6. Enzymes related to carbohydrates
7. Carbohydrate derived materials

Industry-Academia Panel Discussion

Considering the importance of the translation of academic know-how towards the needs of the market the Conference will try to build sustainable relationship between people from Academia and Industry. There will be Panel Discussion on Industry-Academia relations and possible tie-ups.

Aims and Objectives

The Conference is the 33rd Conference of the **CARBO** series co-organized by the Association of Carbohydrate Chemists and Technologists, India (ACCTI) to deliberate and propagate the cutting edge research and development related to carbohydrates. It is to create the common discussion platform for the academicians and industrialists to make a bridge between the intellectual know-how and the needs of the market. In addition the Conference aims to the popularization of the Carbohydrate Science among the young generation researchers through visionary lectures by the stalwarts of the field. Active participation of the new generation budding Carbohydrate chemists and biologists by presenting their work in the form of posters is not only desirable but also pivotal mark of the success of the Conference.

About ACCTI

Since the Association was formed in the year 1984 by founder President **Dr. H. C. Srivastava**, it has been actively fostering research on carbohydrates and carbohydrate industry in India. The foremost mandate of the Association is to promote carbohydrate research in India and also to provide a common platform to the chemists, biologists and technologists for interactive research. The Association organizes national conferences every year and international conferences every third year at various Universities and research Institutions in different parts of the country. The conferences are attended by the scientists, academicians and industrialists from all over the world. Interaction through lectures and discussion, exchange of ideas on new developments and industrial requirements related to carbohydrates are the most important part of the conferences. The Association publishes a peer reviewed international e-journal, 'Trends in Carbohydrate Research' (TCR), since 2009. It also publishes a yearly news letter 'Carbohydrate News Letter' (CNL). Besides these, the Association and various Industries sponsor several awards to recognize contribution by individuals and also to boost carbohydrate research in India. The Association is committed to its mission with the support of researchers, industrialists and well wishers from all over the world.

About IISER Kolkata

Indian Institute of Science Education and Research Kolkata (IISER Kolkata) was established in 2006 by the Ministry of Human Resource Development (MHRD), Government of India. IISER Kolkata is designed to reach the prestigious position in the global setting that IISc, IIMs and IITs presently enjoy. IISER Kolkata is an autonomous institution awarding its own degrees. The central theme of the IISER Kolkata is to integrate education with research so that undergraduate teaching as well as doctoral and postdoctoral research work could be carried out in symbiosis. For further details please visit us at: www.iiserkol.ac.in

Call for Contributions

All honourable authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts for oral presentations, posters and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Glycobiology and Glycosciences are cordially invited for presentation at the conference. The conference solicits contributions of abstracts that address themes and topics of the conference, including figures, tables and references of novel research materials.

Conference Proceedings

All accepted abstracts will be published in the Conference Brochure in hard copies and e-brochure. The honourable authors are requested to submit their abstracts in the format given in the Conference website and follow the deadline for seamless organization of the Conference.

Conference Sponsor and Exhibitor Opportunities

The Conference offers the opportunity to become a conference sponsor or exhibitor. To participate as a sponsor or exhibitor, please download and complete the **Conference Sponsorship Request Form**.

Important Dates

Abstracts Submission Deadline	October 20, 2018
Notification of Acceptance/Rejection	October 31, 2018
Early Bird Registration Deadline	November 20, 2018
Conference Dates	October 20, 2018
Abstracts Submission Deadline	October 20, 2018

Confirmed Speakers

Professor Robert Andrew Field	(John Innes Centre, UK)
Professor Ulf Jorgen Nilsson	(Lund University, Sweden)
Professor Yashwant D. Vankar	(IIT Kanpur)
Professor Paul Murphy	(NUI Galway, Ireland)
Professor Carmen Galan	(University of Bristol, UK)
Dr. Vinod K. Tiwari	(Banaras Hindu University)
Professor Suvarn S. Kulkarni	(IIT Bombay)
Professor Srinivas Hotha	(IISER Pune)
Professor N. G. Ramesh	(Delhi University)
Dr. Paolomi Merchant	(Lucid Colloids Ltd.)
Dr. Debaraj Mukherjee	(CSIR-Indian Institute of Integrative Medicine, Jammu)

Local Organizing Committee

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Director, IISER Kolkata

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Associate Professor, Department of Chemical Sciences, IISER Kolkata

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