2nd MCCCON 2019

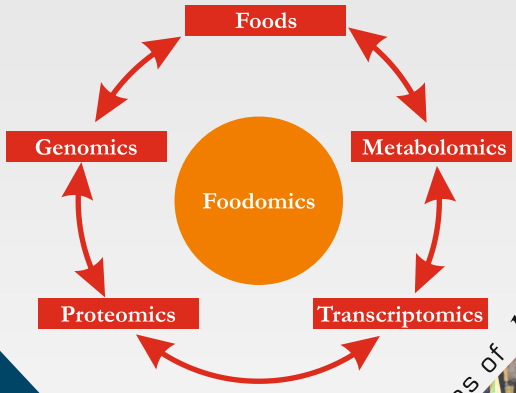
5th Feb-6th Feb

2nd Annual National Conference of Midnapore City College
on
"Academia-Industry meets on opportunity and challenges on foodomics in functional food preparation based industrial process"

Sponsored by

Science and Engineering Research Board
Department of Science & Technology, Govt. of India

सत्यमेव जयते
Department of Biotechnology
Ministry of Science & Technology, Govt. of India



Organised by

MIDNAPORE CITY COLLEGE

(Recognised by UGC, Govt. of India
& Affiliated to Vidyasagar University)

Venue: Seminar Hall

www.mcconline.org.in

Theme of the Seminar

Foodomics "a discipline that studies the Food and Nutrition domains through the application and integration of advanced -omics technologies to improve consumer's well-being, health, and knowledge". Foodomics requires the combination of food chemistry, biological sciences, and data analysis.Starting from the four major types of omics measurements (genomics, transcriptomics, proteomics, and metabolomics), a variety of omics subdisciplines (epigenomics, lipidomics, interactomics, metallomics, diseasomics, etc.) The complex relationships connecting food, nutrition and human health will be discussed, with emphasis on the relapses for the development of functional foods and nutraceuticals, personalized nutrition approaches, and the study of the interplay among gut microbiota, diet and health/diseases.

This conference will focuses main four technical sessions:

1. **The Role of Foodomics in Food Innovation and Functional Food Preparations**
2. **The Foodomics Description of the Destiny of Food**
3. **How Foodomics Contributes to the Selection of Biomarkers**
4. **The Foodomics Approach to Food and Health**

Invitation from the Desk of the Organizing Committee

We have the honour and great privilege to inform all concerns of people including Scientists, Academicians, Doctors, Health professionals, Researchers, Microbiologists, Nutritionists, Students, Industry, NGO Representatives from all part of our country to attend the **2nd Annual National Conference of Midnapore City College on "Academia-Industry meets on opportunity and challenges on foodomics in functional food preparation based industrial process".**

You are cordially invited to participate

Objectives

This chapter addresses the challenges and opportunities facing food industries during application of innovations. Strategies and long term R&D issues (eg, networks development, open innovation, the role of innovation policies, etc.), technical innovation aspects (eg, product development, emerging technologies, sustainable innovation, etc.) as well as cutting-edge areas (eg, biobased packaging materials, functional foods, food waste, recovery, adoption of information and communications technologies, foodomics, etc.) are critically

About the College

Midnapore City College is the first self financing general degree college in the South Bengal region within the state of West Bengal, which was established by Moraine Human Resource Development Organisation, a registered society bearing registration no S/1L/31682 on dated 02.09.2005 having its office at Aparnapalli, Satbankura, Paschim Medinipur with the sole aim to survive the people as per notification of Higher Education Department, Govt. of West Bengal bearing No: W.B (Part-I)/2015/SAR-458 on dated 23rd day of September, 2015 published in Kolkata Gazette and subsequent No Objection was issued to this college through its order No.197-ILC/OM-58L/ 2017 on dated 18.07.2017 based on which Vidyasagr University also extended the affiliation by its memo No:VU/R/ Circular /8EC-10 / C0383/ 2017 dated 05.09.2017 to Midnapore City College for conducting different Under Graduate and Post Graduate programmes in the faculty of arts and science from the academic session 2017-18 .The college is located in educationally backward and rural area in the district of Paschim Medinipur within the state of West Bengal and most of our students belong to socially and economically backward sections of society. The sole aim of MORAINE Human Resource Development Organization is to serve people by imparting quality education. The institute believes that excellent teaching can produce better students and thereby helping the institute to emerge as a centre of excellence.

GUIDELINES OF ABSTRACT SUBMISSION FOR BEST POSTER PRESENTATION AWARD

Abstract for oral and poster presentation (within 250 words) may be sent by email to: ***mcccon@mcconline.org.in***

All the communications should be made by email only. The format of abstract: text in MS Word with Times New Roman and 1.5 spacing, Title: all capital, bold, 14pt, Author (s): bold, 12 pt, Address: (11pt) e-mail: only one email of Corresponding author should be provided, Abstract body: (12pt). Complete sentences, active verbs, and the third person should be used, and the abstract should be written in the past tense. Keywords: up to 6 to 8 (12pt).

Guidelines of Poster Presentation

Poster size will be strict 3ft. × 4ft. (Width × Height).

discussed with a final purpose of identifying the main needs and resistance of the food industry. The chapter discusses all the critical outcomes from previous chapters, suggests solutions to overcome difficulties during implementation, and ultimately presents a perspective on where we go now, following the current consumer acceptance tendencies.

This chapter presents a brief account of the various categories of food chemistry and technology along with the different parameters associated with them. Included in the discussion of food chemistry and technology are such issues as food security, nanotechnology in food applications, fro-zen food and technology, chemical and functional properties of food components, the production, properties and quality of food, safety of enzyme preparations used in food, trace element speciation in food, bionanocomposites for natural food packing, etc.

Important Dates

Last Date of Paper submission :	January 20, 2019
Last Date for Abstract submission :	January 20, 2019
Notification of Acceptance :	January 25, 2019
Conference Dates :	5th & 6th February, 2019

Guidelines of Best Paper Presentation Award

Researchers and other professionals are invited to contribute papers on any of the Conference themes mentioned above. Papers submitted should not exceed 2500 words (including tables and appendices) with an abstract of 200 words and 5- 6 key words. The papers may be written in English. The paper in English it should be in Times New Roman, 14 point in MS Word. The summaries of all accepted papers will be compiled into a publication that will be distributed among the Conference participants. The soft copy of the full paper should be emailed to **mcccon@mcconline.org.in**. Hard copy of the paper need not be sent. Further, all papers will be screened for plagiarism.

Route Map

Distance of the venue from Midnapore Railway Station is 6 Km. The distance between Midnapore Central bus stand via Keranichati near Bhadutola is 5 km.

Registration Fee

	Within 30.01.2019	Spot Registration
Students (UG/PG)/ Research Scholar	**Rs. 400.00**	**Rs. 500.00**
Teachers/ Scientists/ Delegates	**Rs. 600.00**	**Rs. 700.00**

Registration and Mode of Payment

Registration Form will be available from our college website: **www.mcconline.org.in→Conferance Registration** & Registration Fees will be paid in the Bank Account / NEFT / Cash.

In favour of :	**MIDNAPORE CITY COLLEGE**
Bank Name :	**United Bank of India**
Account No. :	**0297050310154**
Branch Name:	**Satbankura (0297)**
IFSC :	**UTBIOSBK933**

Accommodation

Modest accommodation will be provided in the nearest guest house/ hotels for the delegates on request. Accommodation may be booked on payment basis.

	AC	NON-AC	Dormitory
Students (UG/PG)/ Research Scholar	**-- -- --**	**Rs. 250.00**	**Rs. 150.00**
Teachers/ Scientists/ Delegates	**Rs. 1100.00**	**Rs. 600.00**	**-- -- --**

Organizing Committee

Chief Patron	Mr. Pravas Ghosh, Founder Chairman
Patron	Dr. Pradip Ghosh, Founder Director
Convenor	Dr. Shrabani Pradhan, Assistant Professor of Nutrition Dept. of Biological Sciences
Joint Convenor	Dr. Sudipta Chakrabarti, Principal & Associate Professor of Botany Dept. of Biological Sciences
Organizing Secretary	Dr. Suchismita Roy, Assistant Professor of Nutrition Dept. of Biological Sciences
Seminar Co-ordinator	Dr. Koushik Das, Assistant Professor of Physiology Raja N.L. Khan Women's College
Conveners for Invitation	Dr. Sabyasachi Pal, Associate Professor of Physics Dept. of Pure & Applied Science
Conveners for Printing & Publication	Dr. Arpita Raj, Assistant Professor of English Dept. of Humanities Dr. Anulina Manna, Assistant Professor of Botany Dept. of Biological Sciences Mr. Suman Mallick, Graphic Designer in the Administrative Dept.
Conveners for Refreshment	Mr. Abhishek Das, Office In-Charge in the Administrative Dept.
Conveners for Transport & Accommodation	Mr. Nayan Hazra, Assistant Professor of Geography Dept. of Pure & Applied Science
Conveners for Cultural Programmee	Dr. Sangita Maiti Dutta, Assistant Professor of Zoology in the Dept. of Biological Science Ms. Titli Panchali, Technical Assistant of Nutrition Dept. of Biological Science

Resource Persons

Dr. B D Banerjee	**Professor,** Department of Biochemistry, Benito Juarez Marg, New Delhi
Dr. Rita Banerjee	**Advisor,** Science and Engineering Research Board Vasant Kunj, New Delhi
J. Sreenivasa Rao	**Scientist D & Asst. Director,** Department of Food Chemistry, NIN (ICMR), Hyderabad.
Prof. Swagata Dasgupta	**Professor,** Department of Chemistry, IIT Kharagpur.
Dr. Sovan Roy	**Senior Scientific Officer,** Government of West Bengal, Department of Higher Education, Science & Technology and Biotechnology
Dr. Sukumar Debnath	**Principal Scientist,** Dept. of Lipid research and Traditional Foods, CFTRI, Mysuru.
Prof. Debidas Ghosh	**Professor,** Department of Bio Medical Lab Science & Management, Vidyasagar University.
Dr. Dilip Kumar Nandi	**Associate Professor & HOD,** Department of Physiology, Raja N L Khan Womens College, Midnapore.
Dr. Pulak Roy Chowdhury	**Chief Dietitian,** Park Clinic, Kolkata.
Ms. Kalpana Roy	**RD, Chief Dietitian,** Park Clinic Hospital.
Ms. Arpita Ghosh Deb	**RD, Senior Dietitian,** Bellevue Clinic, Kolkata.

And Many More...

AWARDS

1. U.K. Ghosh Memorial Senior Scientist Award for best Paper Presentation
   Award Prize for 1st Position Rs: 3000/- & 2nd Position Rs: 2500/-
2. U.K. Ghosh Memorial Young Scientist Award for best Paper Presentation
   Award Prize for 1st Position Rs: 2500/- & 2nd Position Rs: 2000/-
3. 1st Presidential Award for best Poster Presentation for PG Students
   Award Prize for 1st Position Rs: 2000/- & 2nd Position Rs: 1500/-
4. 1st Secretarial Award for best Poster Presentation for UG Students
   Award Prize for 1st Position Rs: 1500/- & 2nd Position Rs: 1000/-
5. 1st Founder Chairman Award for best poster presentation in H.S. Level (10+2)
   Award Prize for 1st Position Rs: 1000/- & 2nd Position Rs: 500/-
6. Vice-Presidential "The Best Faculty Performance Award".

Campus: Bhadutala, Midnapore, Paschim Medinipur, Pin- 721129, West Bengal, India

For any query please contact:
9614403247, 9474156269