

5th MCCCON 2024 4th Feb-6th Feb

5th Annual National Conference on Functional Food as Dietary Intervention for Chronic Diseases

Sponsored by

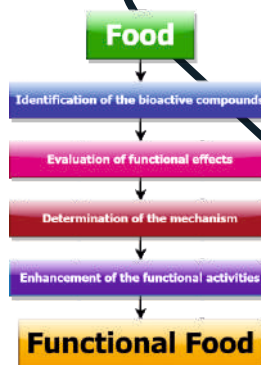
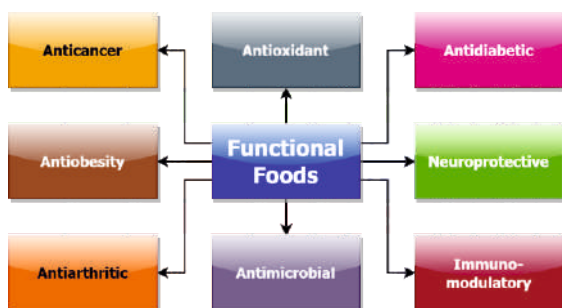


Department of Biotechnology
Ministry of Science & Technology, Govt. of India



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

DATA



MIDNAPORE CITY COLLEGE

(Recognised by UGC, Govt. of India & Affiliated to Vidyasagar University and West Bengal University of Health Sciences)

www.mcconline.org.in

RATIONALE

5th Annual Conference “MCCCON 2024” is going to be organized at Midnapore City College, Midnapore, West Bengal from February 4 to 6, 2024 based on the theme of “Functional Food as Dietary Intervention for Chronic Diseases” with the aim to bring together brilliant minds involved in past discoveries, on-going researches and with upcoming discoveries which will be helpful for Researchers, Scientist, Students, and anyone related to the growth of functional food application in chronic diseases. The theme of this Annual Conference gives a multi-disciplinary platform for scientists, researchers, educators, young researchers, and students to provide and discuss the most recent innovations regarding functional food.

HOW THE PROPOSED SEMINAR/ SYMPOSIUM IS RELEVANT TO THE THRUST AREAS

Functional foods could promote health by preventing diseases aside their primary role of providing the body with the essential nutrients such as proteins, carbohydrates, vitamins, fats, and oils needed for healthy survival. The utilization of functional foods may replace or decrease usage of the pharmaceuticals. The use of functional foods rather than pharmaceuticals for health benefits could decrease healthcare costs, promote health without inducing pharmaceutical side effects, and aid in disease prevention. The consumption of functional food could exert a positive impact on health and prevent the occurrence of chronic diseases including various cancers, cardiovascular diseases (hypertension, myocardial infarction, and stroke), chronic liver diseases (diabetes and hepatocirrhosis), chronic kidney failure, dyslipidemia, arthritis and osteoporosis, obesity, asthma and other atopic diseases, and chronic respiratory diseases. Therefore, research into the impact of functional foods or natural products on chronic diseases is under demand, and the results should provide useful data on food to guide health policies toward the promotion of health. The theme of this conference will educate the researchers and students about the possible role, challenges, and issues of the application of Functional Foods on the management of Chronic Diseases. Renowned speakers and the most recent techniques, developments, the newest updates in Functional Foods Research are hallmarks of this conference.

REVIEW OF ART

If a disease has duration of more than 3 months since its incidence can be defined as a chronic disease. It is considered as a serious public health problem, accounting for about 60% - 70% of deaths worldwide. This type of disease is difficult to cure and need a long-term treatment. Moreover, the applied medicines used for treating the chronic disease have adverse effects on health. Functional foods or the bioactive products present in the foods could be used to treat, suppress, or prevent chronic disease. However, the common people are unaware about the hidden medicinal effects of the foods. Hence, the consumption of functional foods or food ingredients with health outcomes requires sound scientific evidence. Functional foods and food components are being extensively studied for their effects as they relate to the optimization of human health and well-being, and in chronic disease/condition risk reduction and management. This conference will explain the interaction of functional food bioactive compounds including polyphenols, flavonoids, terpenoids, carotenoids, alkaloids, omega-3 and polyunsaturated fatty acids, among others with critical enzymes (α - amylase, α - glucosidase, angiotensin-I converting enzyme [ACE], acetylcholinesterase [AChE], and arginase) linked to chronic diseases. The common people also get knowledge on the health and medicinal benefits of food and fruit or vegetable. The conference also helps the young academicians (including teachers, student, and researcher) in the field of food science, medical science, nutrition science, agriculture, horticulture, as well as other allied sciences.



OBJECTIVE

- To be acquainted with the concept of functional foods and its bioactive compounds.
- To learn about the recent trends, development, and challenges in the field of functional foods application on chronic diseases.
- To educate the researchers and students about application of the functional foods in medical, food, and biological science research and development.
- To inspire the scientist to generate a new hypotheses regarding functional foods.

AREA COVERED

- Functional Food
- Fortified Food
- Fermented Foods
- Bioactive Compounds
- Alleviation of Chronic Disease

GENESIS

MIDNAPORE CITY COLLEGE, the first self-financing general degree college in the South Bengal region within the state of West Bengal, has been established by MORAIN HUMAN RESOURCE DEVELOPMENT ORGANISATION, NOC was issued to this college by Higher Education Department Govt. of West Bengal on the basis of which Vidyasagar University also extended the affiliation. The college is also recognized under section 2(f) by UGC, Govt. of India for conducting 18 different Under Graduate and Post Graduate courses and doctoral programme in the faculty of Arts and Science and Allied Health Science from the academic session 2017-18. The institution has received recognition from Department of Scientific Industrial Research (DSIR) Govt. of India as Scientific and Industrial Research Organisation (SIRO). The institute is recognized under The Directorate of Medical Education, Government of West Bengal and it is affiliated to The West Bengal University of Health Sciences, West Bengal. The faculties from different department received extramural research fund from funding agency as ICMR, Govt. of India, DST SERB, Govt. of India, Department of Science and Technology, Ministry of Science and Technology, Govt. of India. At present more than 2000 under graduate, 3500 post graduate students and 32 research scholars are working under different research projects and pursuing Ph D under the affiliation of Vidyasagar University. 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

Abstract for oral and poster presentation (within 250 words) may be sent by email to: mccccon.conference@gmail.com

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: upto 6 to 8 (12pt).

IMPORTANT DATES

Last date for submission of Abstract:	20.01.2024
Notification of Acceptance:	20.01.2024
Conference Dates:	04.02 to 06.02.2024

GUIDELINES OF POSTER PRESENTATION

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

AWARDS

Poster Presentation: Best three posters would be selected for award separately in UG and PG students

Oral Presentation: Best two oral presentation would be selected and awarded from Research Scholar

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 10.01.2024	Spot Registration
Students (UG/PG)	Rs. 400.00	Rs. 500.00
Research Scholar	Rs. 700.00	Rs. 800.00
Teachers/ Scientists/ Delegates	Rs. 900.00	Rs. 1000.00

REGISTRATION AND MODE OF PAYMENT

Registration Form will be available from our college website:

www.mcconline.org.in → **Confarence Registration**

& Registration Fees will be paid in the Bank Account.

Bank Name	:	Punjab National Bank
Account No.	:	0297050310154
Branch Name	:	Satbankura
IFSC	:	PUNB0029720

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. 350.00	Rs. 150.00
Teachers/ Scientists/ Delegates	Rs. 1100.00	Rs. 600.00	-- -- --

Organizing Committee

Chief Patron & Convenor:	Dr. Pradip Ghosh Founder Director.
Patron:	Dr. Sudipta Chakrabarti (Principal & Associate Professor) Dept. of Biological Sciences.
Co Patron:	Dr. Kuntal Ghosh (Vice-Principal & Assistant Professor) Dept. of Paramedical and Allied Health Sciences.
Coordinator:	Dr. Dilip Kumar Nandi (Professor) Dept. of Paramedical and Allied Health Sciences.
Joint Coordinator:	Dr. Santanu Kar Mahapatra (Associate Professor) Dept. of Paramedical and Allied Health Sciences.
Joint Convenor:	Dr. Suchismita Roy (Assistant Professor) Dept. of Paramedical and Allied Health Sciences.
Joint Convenor:	Dr. Malay Patsa (Associate Professor) Dept. of Paramedical and Allied Health Sciences.
Organizing Secretary:	Dr. Shrabani Pradhan (Assistant Professor) Dept. of Paramedical and Allied Health Sciences.
Joint Organizing Secretary:	Mrs. Manisha Phoujdar (Assistant Professor) Dept. of Paramedical and Allied Health Sciences.
Cultural Secretary:	Mrs. Titli Panchali (Technical Assistant) Mrs. Ananya Dutta (Research Scholar) Ms. Riya Kar (Research Scholar) Dept. of Paramedical and Allied Health Sciences.



RESOURCE PERSONS



Dr. Anil Kumar Anal

Professor, Food Engineering & Bioprocess Technology, Food Innovation, Nutrition and Health, Department of Food, Agriculture & Bioresources. Asian Institute of Technology, Thailand.



Dr. Madhumita Barooah

Professor, Department of Agriculture Biotechnology, Assam Agricultural University, Jorhat, Assam.



Dr. Meenakshi Sharma

Scientist G
Division of Non Communicable Disease (NCD)
Indian Council of Medical Research (ICMR), New Delhi.



Dr. J. Sreenivasa Rao

Scientist E & Deputy Director,
Department of Food Chemistry,
National Institute of Nutrition (ICMR), Hyderabad.



Prof. Debprasad Chattopadhyaya

Former Founder-Director & Scientist G, ICMR-National Institute of Traditional Medicine, Nehru Nagar, Belagavi-590010. Director, Regional Medical Research Center, Belgaum, Karnataka.



Dr. Debdutta Bhattacharya

Scientist E, IICMR · Regional Medical Research Centre, Indian Council of Medical Research, Bhubaneswar, Odisha, India.

And Many More...

AWARDS

- 4th U.K. Ghosh Memorial Young Scientist Award for best Paper Presentation
Award Prize for 1st Rs: 1500/- & 2nd Rs: 1000/-
- Best Poster Presentation for PG Students
Award Prize for 1st Rs: 1000/-, 2nd Rs: 700/- & 3rd Rs: 500/-
- Best Poster Presentation for UG Students
Award Prize for 1st Rs: 1000/-, 2nd Rs: 700/- & 3rd Rs: 500/-
- Best Oral Presentation Award for Research Scholar
Award Prize for 1st Rs: 1000/- & 2nd Rs: 500/-
- 3rd U.K. Ghosh Memorial “Gold Medal Award” for 1st Rank Holder in PG Courses

Venue:

A. P. J. Abdul Kalam Memorial Hall
MIDNAPORE CITY COLLEGE

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

For any query please contact:

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