

**Department of Biochemistry,
St. John's Medical College (SJMC), Bengaluru**
**Under the aegis of
Association of Medical Biochemists Karnataka Chapter
(AMBKC)**

**In association with
Rajiv Gandhi University of Health Sciences (RGUHS)
&
Roche Diagnostics India Pvt. Ltd
presents**

"BIOCHEMISTRY AND THE BRAIN"

CME on

"Biomarkers of Demyelinating disorders and Dementia"



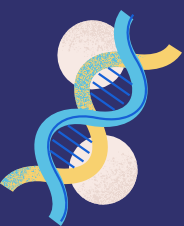
**19th April 2024
8.30 am- 4.30 pm**

**Venue: Cardinal Gracias Hall, Ground floor,
Robert Koch Bhavan,
St. John's Medical College ,
Bangalore-34**

**KMC Credit Hours: 02
APPLIED!!!**

**Registration Fees:
Rs 600/- +GST**

Registration link: https://cmis.stjohns.in/anon_evForm.htm?ev=247



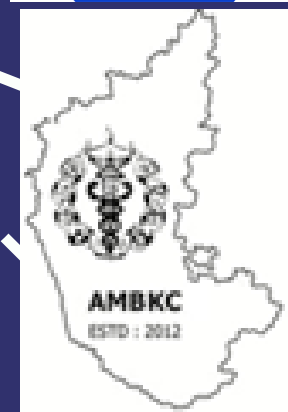
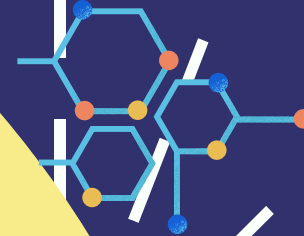
Last Date of registration: 9th April 2024;
Limited to first 50 participants only; No spot registration allowed.



Who may attend!

**PG/RESIDENTS/FACULTY -BIOCHEMISTRY
PG/RESIDENTS/FACULTY -MEDICINE
PG/RESIDENTS/FACULTY -NEUROLOGY
PG/RESIDENTS/FACULTY -GERIATRICS
PG/RESIDENTS/FACULTY -PSYCHIATRY
PG/RESIDENTS/FACULTY -PATHOLOGY
INTERESTED PARTICIPANTS**

**More Information :
Contact:08049466211
sjmcbiochemistry@stjohns.in**





Dear Esteemed Members / Colleagues.

Warm greetings from Bengaluru city!

St. John's National Academy of Health Sciences (SJNAHS) is a prestigious institute that imparts excellent medical education and patient care with a sense of ethical value. It aims at implementing value education by instilling service-oriented approach amongst the staff and students to promote and preserve the health of the community apart from striving to keep up with recent advances and developments in the medical field.

On behalf of all the staff from Department of Biochemistry, St. John's Medical College and Hospital (SJMCH), Bengaluru, it is with immense pleasure that we welcome you to CME-under the aegis of Association of Medical Biochemists Karnataka Chapter to be held on 19th April 2024.

We cordially invite all professionals in field of Biochemistry, Neurology, Psychiatry, Medicine, Geriatrics, Pathology -fellows, postgraduates, researchers, and other health care professionals keen to share and upgrade their knowledge in the area of Brain Biochemistry.

We assure you a truly academic feast with a galaxy of reputed resource faculty engaging this integrated CME

We solicit your presence and participation to make it an enriching and interactive experience.

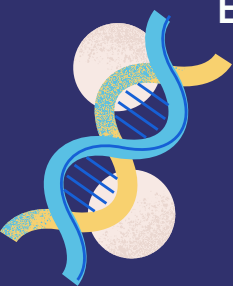
Warm regards

Organizing Team

BIOCHEMISTRY AND THE BRAIN

ST. JOHN'S MEDICAL COLLEGE

BENGALURU





In India, and world all-over, increasing lifespan has resulted in a growing number of older persons. By 2050, in India people over 60 years of age are predicted to constitute 19.1% of the total population. This ageing of the population is expected to be accompanied by a dramatic increase in the prevalence of dementia.

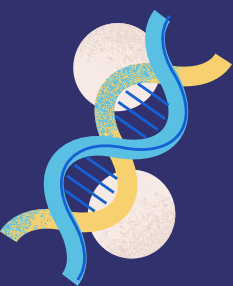
Alzheimer's disease is the most common cause of dementia and increases in prevalence exponentially with age, with trends likely to worsen in ensuing decades.

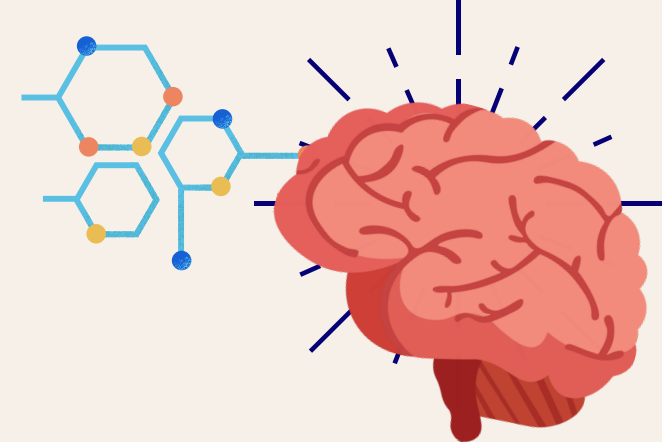
Presently, the diagnosis of Alzheimer's Disease is based largely upon clinical evidence, although recent advances in imaging, cerebrospinal fluid (CSF), and blood-based biomarkers offer the possibility of a more precise and accessible diagnosis and more effective screening in clinical research and practice. Evidence that pathological changes appear many years before clinical symptoms indicates the possibility that pre-symptomatic assessment by biomarkers could enable identification of patients early in the disease course. Measurable indicators of AD biomarkers such as blood and CSF amyloid and tau, offer immense promise.

The challenge posed by the needs of an aging population, can be met with better understanding of the pathogenesis, the risk factors as well as the different tools available to make an early diagnosis

With this in mind, the Department of Biochemistry is organizing this 1-day CME, bringing together multiple stakeholders including public health experts, neurologists, biochemists and scientists on one platform to provide a comprehensive yet an in depth knowledge on the burden and handling of Dementia.

This CME will also highlight the more recent advances in the diagnosis of yet another most common disabling neurological disease of young adults- Demyelinating disorders.





Organizing Committee

Chief Patron

Rev. Fr. Jesudoss Rajamanickam
Director, St. John's National Academy of Health Sciences (SJNAHS)

Patron

Dr. George A D'Souza
Dean, SJMC

Co-Patrons

Rev. Fr. Tony A J
Associate Director-Finance, SJNAHS

Rev. Fr. Dr. James Charles Davis
Associate Director-SJMC

Rev. Fr. John Thekkekara
Associate Director- SJMCH

Dr. Arvind Kasturi
Chief of Medical Services, SJMCH

Chairperson: Dr. Jayakumari S

Organizing Secretary: Dr. Anita R Bijoor

Joint Organizing Secretary: Dr. Shubha N Prakash

Treasurer: Dr. Shubha N Prakash

Committee members

Dr. Anitha Devanath

Dr. Geraldine Menezes

Dr. Vinod George T

Dr. Jyothi D N

Dr. Jikku Teresa P

Dr. Athullia Lawrence

Mrs. Anu Maliyakal

Mrs. Sajana Paul

Dr Jyoti Sinha

Dr. Thashreefa Olakara



Program Schedule

19th April 2024



8.30-9.30AM

REGISTRATION



9.30-10.00AM

INAUGURATION



10.00-10.30AM

“The Greying of the Indian Population -setting the context”

Dr Arvind Kasturi

Professor, Department of Community Health, Chief of Medical Services, St John’s Medical College & Hospital, Bengaluru



10.30-11.00AM

COFFEE BREAK



11.00-11.45AM

Gut Microbiome in brain function

Dr Yogesh Shouche

Deputy Director SKAN Research Trust Bengaluru, Honorary Scientist, National Center for Cell Science (NCCS), India



11.45AM -12.30PM

Pathophysiology of Alzheimer’s Disease

Dr Raghunandan Nadig

Professor & Head , Department of Neurology , St John’s Medical College & Hospital, Bengaluru



12.30-1.15pm

Emerging role of blood -based biomarkers for Alzheimer’s and related Dementias

Dr Sarada Subramanian

Professor , Department of Neurochemistry, NIMHANS, Bengaluru



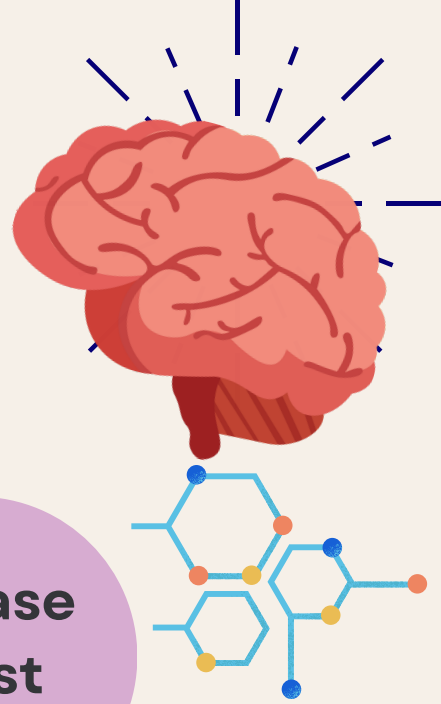
1.15-2.00PM

LUNCH BREAK



Program Schedule

19th April 2024



2.00-2.45PM

✦ **Optimizing the pathway to Alzheimer's disease diagnosis with CSF markers : Focus on Latest Clinical Evidences**

Dr Bhushan Nagpure

Senior Manager , Medical & Scientific Affairs, Roche Diagnostics India & NM

2.45-3.30PM

✦ **CSF Biomarkers in Alzheimer's Disease**

Dr Pramod Krishnan

HOD & Consultant Neurologist & Epileptologist, Manipal Hospitals, Bengaluru

3.30-4.15PM

✦ **Beyond Myelin - biomarkers of Demyelinating disorders-Neurofilaments & Neurofascins**

Dr Thomas Mathew

Professor , Department of Neurology, St John's Medical College & Hospital, Bengaluru

4.15-4.30PM

✦ **FEEDBACK AND VALEDICTORY followed by TEA**

