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How to reach the venue:

Location : <https://maps.app.goo.gl/CHHYgrsoZuyzRbYw5>

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AMAZING FACTS TO BLOW YOUR MIND

Looking forward for an Academic Extravaganza
Networking your way to Success

Bangalore Neurological Society and Society of Nuclear Medicine, India

cordially invites you

CME PET and SPECT in Neurosciences

Department of Neurology and Department of Nuclear Medicine

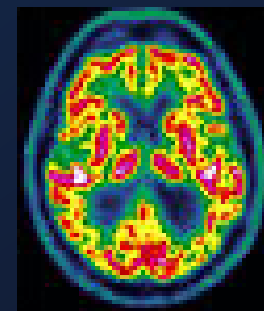


Pope Paul VI Auditorium,

St John's National Academy of Health Sciences

Time : 9.00 am – 5.00 pm on 2nd March 2025

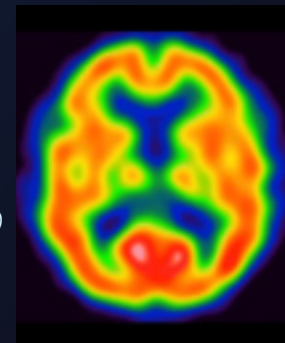
E mail: bnsneurocme@gmail.com WhatsApp: +91 7975074762



Registration: 8 am onwards

Registration: to the CME mandatory for all
<https://forms.gle/6m2e4uAM4uqGWWQV6>

KMC CREDIT POINTS
(only for registrations upto 48 hours prior to CME)
Not for SPOT registrations



Scientific Programme

09.00 am–09.10 am

Welcome and Introduction

Department of Neurology

09.10 am–10.55 am

Session 1: Dementia

Chair Persons: Dr. Murali Nadig and Dr. Sahana (New Medd Diagnostics, Bengaluru)

09.10 am– 09.30 am

FDG–PET in Dementia: Patterns of Hypometabolism in Clinical Subtypes: Application of FDG–PET in Alzheimer's disease, frontotemporal dementia, and other dementia syndromes.

Speaker: Dr. Deepanjan Mitra, North City Diagnostic Centre and Hospital, Kolkata .

9.35 am– 09.55 am

Amyloid and Tau PET Imaging in Alzheimer's Disease: Established role of amyloid PET and the emerging significance of tau tracers in evaluating Alzheimer's pathology.

Speaker: Dr. Gayana S Murthy, FORTIS Hospital, Bannerghatta, Bengaluru.

10.00 am–10.55 am

Session 2: Basics and Interesting Cases

10.00 am–10.20 am

Basics of PET and SPECT and what a neurologist or a neurosurgeon needs to know before referring the cases ?

Speaker: Dr. Judith (JR) (SJMCH, Bengaluru)

10.25 am–10.55 am

Trigger your senses–visulay, semiquantitative analysis and moving towards AI.

Speaker: Dr. Vanshika Gupta(SJMCH, Bengaluru)

11.00 am– 11.20 am COFFEE BREAK

11.20 am–12.05 pm

Session 3: Neuro inflammation & Movement disorders

**Chair persons: D. Kiran Kumar, (Kiran Diagnostics, Bengaluru),
Dr. Labib (Sampige Oncodiagnosics Bengaluru)**

11.20 am– 11.40 am

Autoimmune Encephalitis: FDG–PET for Early and Accurate Diagnosis– Characteristic metabolic patterns in autoimmune encephalitis and their diagnostic relevance. Covering in brief the role in Paraneoplastic syndromes.

Speaker: Dr. Ram Kumar, KMCH, Coimbatore

11.45 am –12.05 pm

Dopaminergic SPECT and FDG–PET in Parkinson's Disease and Atypical Parkinsonian Syndromes: Complementary Roles in Diagnosis and Differentiation: Utility of dopamine transporter imaging in distinguishing Parkinson's disease from other movement disorders.

Speaker: Dr. Kamleshwaran, KMCH, Coimbatore

Is PET and SPECT imaging
The interstellar for the Aging World?
The inception of mysteries of Neuroinflammation ?

Scientific Programme

12.10 pm–12.40 pm

Session 4: Traumatic Brain Injury

Role F18 FDG PET in Traumatic Brain Injury and Consciousness: Mainly emphasizing on the role of Multimodality imaging of PET, fMRI and simultaneous EEG to understand the altered neural mechanism in patients with Coma and Disorder of Consciousness.

Dr. Rajanikant Panda, Coma Neuroscience Lab,(UCSF), USA

12.45 pm–01.30 pm

Session 5: Epilepsy

Chair persons: Dr. Parameswaran (Manipal, Hospital), Dr. Ram Mohan Reddy, (CYTECARE, Hebbal), Bengaluru

12.45– 01.05 pm

F18 FDG–PET in Epilepsy: Localizing the Seizure Focus: The role of FDG–PET in interictal evaluation and its correlation with EEG findings.

Speaker: Dr. Shwetal, KEM, Mumbai

01.10– 01.30 pm

Ictal and Interictal SPECT in Pre–Surgical Epilepsy Workup: Perfusion patterns and the importance of timing in ictal SPECT studies for seizure localization.

Speaker: Dr. Anitha Dharmalingam, VYDEHI Hospital, Bengaluru

01.35 pm – 02.05 pm LUNCH BREAK

02.10 pm–02.55 pm

Session 6: Neuro–Oncology

**Chair persons: Dr. Harish Basavaraj (KIMO, Bengaluru),
Dr. Pardeep Kumar (NIMHANS, Bengaluru)**

02.10– 02.30 pm

Pitfalls of F18 FDG PET in Neuro–Oncology: Emphasis on its Role in evaluation of Brain Metastases and Primary CNS lymphoma.

Speaker: Dr. Prathap H J, Aster Hospital, Whitefield, Bengaluru.

02.35 pm –02.55 pm

Amino Acid PET Tracers in Neuro–Oncology: Glioma Grading and Recurrence Evaluation: Established applications of tracers like FET and FDOPA in differentiating tumor progression from treatment–related changes.

Speaker: Dr. Ameya Puranik, TMH, Mumbai

PET tracers in Brain Tumours: Toward neurotheranostics as an individualized medicine approach

Habibollah Dadgar

Scientific Programme

03.00 pm–03.45 pm **Session 7: The Road less travelled**

**Chair persons: Dr. Sunil H.V (Narayan Hrudalaya, Bengaluru),
Dr. Avinash (ASTER, CMI, Bengaluru)**

03.00 pm– 03.20 pm

*Brain SPECT in Clinical Practice: Moya Moya, Carotid Artery Stenosis, Ballon occlusion,
Brain Death, Neuroactivation studies.*

Speaker: Dr. Chandana Nagaraj, SJMCH, Bengaluru

03.25 pm– 03.45 pm

Theragnostic in Neurology: Radionuclide PRRT in meningioma and other tumours.

Speaker: Dr. Chandra Teja Reddy, SJMCH, Bengaluru

03.50 pm–04.30 pm **Session 8: Emerging Role in PET and SPECT**

03.50 pm– 04.10 pm

*Emerging Role of Potential Newer Radiopharmaceuticals with clinical relevance in
Neurosciences: Neuroinflammation, Myositis, TSPO, CNS Vasculitis, Neuropsychiatric
disorders.*

Speaker: Dr. Keerti Sitani, KEM, Mumbai.

04.10 pm– 04.30 pm

*Glymphatic pathways in the gyrencephalic brain: to emphasise on the exchange
between cerebrospinal fluid (CSF) and interstitial fluid mediating solute clearance in the
brain, named the glymphatic system, has emerged as an important clearance
pathway for neurotoxic peptides such as amyloid-beta.*

Speaker: Dr. Nagesh C. Shanbhag, Lund University, Sweden

04.35 pm–04.45 pm **Closing Remarks and Vote of Thanks**

Department of Nuclear Medicine

04.45 pm–04.55 pm **Group Photograph**

**Organisers, Faculty/Speakers, Chairpersons and
Delegates and Students**

Scientific Programme

Value Additions

Handouts (hard or soft copies) of lists, tables, algorithms, and guidelines to all registered participants.

Image spotters and Q & A Session (self-assessment- through online platform)

There will be a running display of e-posters throughout the program and in between the breaks (if any received by 20th Feb 2025).

(Those who want to present E- Posters are requested to submit a short writeup with the title, presenter details and brief case summary to bnsneurocme@gmail.com)

All participants will be given certificates at the end of the day.

Register Now

₹500/- Only

For All Delegates, Speakers and Chair persons



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*PET and SPECT Specialty Grand Challenge.
When Knowledge Travels at the Speed of Light, Photons Take to the Field*

Alberto Cuocolo, Mario Petretta

*PET and SPECT Imaging
The unique ability to image in vivo changes in brain biochemistry to able to help us better understand the pathology mechanisms underlying CNS diseases.*

Feng-Mei Lu , Zhen Yuan