ALZHEIMER'S ASSOCIATION INTERNATIONAL CONFERENCE®

NEUROSCIENCE NEXT 2025 INDIA HYBRID HUB

BASICS TO BIOMARKERS

26th & 27th FEBRUARY 2025

INDIA INTERNATIONAL CENTRE
LODHI ESTATE, NEW DELHI, INDIA

ORGANISED BY

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES (IHBAS) DELHI, INDIA

ALZHEIMER'S ASSOCIATION

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In collaboration with Cognitive Neurology Association (CNA)

INVITATION

Dear All,

We are pleased to invite you to the **Alzheimer's Association International Conference® (AAIC) Neuroscience Next 2025 – India Hybrid Hub** to be held on **26th** and **27th February 2025** at the **India International Centre, Lodhi Estate, New Delhi, India.**

AAIC Neuroscience Next is a **global** conference that aims to support and showcase the next generaton of **Alzheimer's** and **Dementia Researchers** and **Clinicians**. The event will feature plenary session by esteemed **international speakers**, expert talks from leading faculties and researchers in **cognitive neurology** and **neuroscience**. This thoughtfully curated program will include **Clinical Insight Forum** by **junior clinicians**, a **DataBlitz** session highlighting recent advances, and **Poster** presentations by **Early-Career Researchers (ECRs).**

There will be exciting networking opportunities, meet-and-greet sessions, quizzes, and awards to foster collaboration and promote young minds.

Kindly share the invitation with your colleagues, faculty members, peers, and students.

We warmly invite and encourage you to be part of this global event. We are excited to host you for an enriching experience.

Best Regards,
The Organizing Committee

ALZHEIMER'S® ASSOCIATION | AAIC® Neuroscience Next
INDIA HYBRID HUB

SCIENTIFIC PROGRAM
Day 1 - 26th February 2025, Wednesday
Venue - India International Centre (IIC), Lodhi Estate, New Delhi

7:30-9:00	**REGISTRATION**
9:00 - 9:15	**WORDS OF WELCOME** Suman Kushwaha & Rashi Kumar *India Hybrid Hub Lead*

9:15 - 9:30	**SESSION 1 - NEUROSCIENCE 101**	
	Chairperson: Amitabh Varma, Advanced Neurological Care Centre, New Delhi Sangeeta Sharma, Institute of Human Behaviour and Allied Sciences, Delhi	
9:30 - 9:45	Structures and Functions of Human Cognition	Ashwani Bhatt *Himalayan Institute of Medical Sciences, Dehradun*
9:45 - 10:00	Neurotransmitters: The Spark Behind Brain Communication	Rachna Agarwal *Institute of Human Behaviour and Allied Sciences, Delhi*
10:00 - 10:15	Social cognitive dysfunction as a clinical predictor for Neurodegenerative Disorder	Uday Sinha *Institute of Human Behaviour and Allied Sciences, Delhi*
10:15 - 10:30	Intergrating Brain, Behaviour and Mind	Om Prakash *Institute of Human Behaviour and Allied Sciences, Delhi*
10:30 - 10:45	Discussion	
10:45 - 11:00	**COFFEE BREAK**	
	SESSION 2 - BRAIN BYTES	
11:00 - 11:15	Chairperson: Eider M Arenaza-Urquijo, Barcelona Institute for Global Health, University Pompeu Fabra Shweta Pandey, King George's Medical University, Lucknow	
11:15 - 11:20	Polygenic Risk Scores Of Different Quantiles Of Hemoglobin Levels To Predict Risk Of Neurological Disorders	Akhilesh Khamkar *Rajendra Institute of Medical Sciences, Ranchi*

Time	Title	Speaker
11:20 - 11:25	Generating Iso-genic Stable Cell Lines For Screening Autophagy Modulators For Alzheimer'S Disease Regulation	Ritu Varshney *PD Patel Institute of Applied Sciences, Charusat, Gujarat*
11:25 - 11:30	A Study Of Social Cognition And Social Functioning In Patients With Alzheimer's Disease	Jyotika Rana *Institute of Human Behaviour and Allied Sciences, Delhi*
11:30 - 11:35	Neuropsychological And Functional Outcomes In Early And Late Onset Dementia	Aditi Dubey *All India Institute Of Medical Sciences, New Delhi*
11:35 - 11:40	A Study On Aging Changes In The Human Locus Coeruleus And Its Pertinence To Neurodegenerative Disorders	Ahana Bhattacharya *National Institute of Mental Health and Neurosciences, Bengaluru*
11:40 - 11:45	Unveiling the genetic quandary: Exploring early onset familial Alzheimer's disease within a novel presenilin mutation afflicted family	Aparna Thomas *Institute of Human Behaviour and Allied Sciences, Delhi*
11:45 - 11:50	Impact Of Hypertension On Cognitive Performance And Brain Health In An Aging Rural Indian Population	Priya Chatterjee *Centre for Brain Research, IISc, Bangalore*
11:50 - 11:55	Boosting Ml Techniques For Dementia Prediction Using Modifiable And Non Modifiable Risk Factors	Navjeet Singh Kukreja *Delhi Technological University*
11:55 - 12:00	Discussion	
12:00 - 12:45	**INAUGURATION CEREMONY**	
12:45 -1:30	**LUNCH BREAK WITH WALKING POSTER SESSION**	

	SESSION 3 - UNDERSTANDING COGNITIVE DISORDERS	
1:30-1:45	Chairperson: Gourie Devi, Sir Ganga Ram Hospital. Delhi Man Mohan Mehndiratta, BLK-Max Super Speciality Hospital, Delhi	
1:45-2:00	Perseverations in a verbal fluency task and the role of switching	Amitabha Ghosh *Apollo Multispecialty Hospitals, Kolkata*
2:00 - 2:15	Executive Functions and Dysexecutive Syndrome	Atanu Biswas *Bangur Institute of Neurosciences and Institute of Medical Education & Research (IPGME&R), Kolkata*
2:15 - 2:30	Deciphering the subtype of FTD	Ratnavalli Ellajosyula *Manipal Hospitals, Bangalore*

2:30 - 2:45	Vascular Contributions in Cognitive Impairment	Subhash Kaul *KIMS Hospital, Hyderabad*
	SESSION 4 - CLINICAL CHRONICLES	
2: 45 - 3:00	Chairperson: Meena Gupta, Max Hospial, Manesar, Gurgaon Sanghamitra Laskar, VMMC and Safdarjung Hospital, Delhi Suvarna Alladi, National Institute of Mental Health and Neurosciences, Bengaluru	
3:00 - 3:15	Case 1 - A spell at the crossroads - Memories lost in time	Sinjan Ghosh *Narayana Health, RTIICS, Kolkata*
3:15-3:30	Case 2 - Doctor..why is my father All Parrot Words?	Anu Gupta *All India Institute Of Medical Sciences, New Delhi*
3:30 - 3:45	Case 3 - Lost for words	Atri Chatterjee *Safdarjung Hospital, Delhi*
3:45-4:00	Discussion	
4:00-4:30	**COFFEE BREAK**	
	SESSION 5 - PLENARY SESSION	
4:30-4:35	Welcome to the Region - Suman Kushwaha	
4:35-4:55	Plenary Presentation: The future of the neural basis of modifiable risk factors in Dementia	Eider M Arenaza-Urquijo *Barcelona Institute for Global Health, University Pompeu Fabra*
4:55-5:05	Plenary Q&A	
	Lightning Presentation Round	
5:05-5:10	Moderating effect of white matter hyperintensities on Cognitive Reserve and Performance in aging rural Indians: SANSCOG Study	Hitesh Pradhan *Centre for Brain Research, IISc, Bangalore*
5:10-5:15	Understanding The Effect Of Severity And Chronicity On Cogniphobia In Migraine Patients	Ashwin Kumar Panda *Institute of Human Behaviour and Allied Sciences, Delhi*
5:15-5:20	Utility Of CSF Biomarkers For Alzheimer's Pathophysiology In Neurodegenerative Dementia Among Indian Population	Anjali *All India Institute Of Medical Sciences, New Delhi*
5:20-5:25	Understanding Age At Onset In Genetic Presentations Of Frontotemporal Dementia (FTD)	Keerthana BS *National Institute of Mental Health and Neurosciences, Bengaluru*
5:25-5:30	Closing Remarks - Rashi Kumar	
	SESSION 6 - FROM ISSUES TO SOLUTIONS	

5:30 - 5:40	Chairperson: Atanu Biswas, Bangur Institute of Neurosciences and Institute of Medical Education & Research (IPGME&R), Kolkata Rajinder Kumar Dhamija, Institute of Human Behaviour and Allied Science, Delhi	
5:40 - 6:00	Challenges in Drug Development	Vaibhav Narayan *Davos Alzheimer's Collaborative*
6:00 -7:30	**NETWORKING SESSION** **(Know about ISTAART, Quizzathon, Meet your Speakers)**	
7:30 - 9:00	**GALA DINNER**	

SCIENTIFIC PROGRAM
Day 2 - 27th February 2025, Thursday
Venue - India International Centre (IIC), Lodhi Estate, New Delhi

	SESSION 1 - BRAIN BYTES	
9:00 - 9:15	Chairperson: Gilles Vandewalle, University of Liège, Belgium Ritushree Kukreti, Institute of Genomics and Integrative Biology, Delhi	
9:15 - 9:20	Hippocampal Neuron Protein Signature Interacting Alzheimer's Amyloid Beta Peptide: 14-3-3 And Tubulin Beta Promotes Tau Phosphorylation	Pratibha Sharma *Institute of Human Behaviour and Allied Sciences, Delhi*
9:20 - 9:25	Elevated Interleukin-6 As A Distinct Inflammatory Marker In Alzheimer's Disease Compared To Non-demented Controls	Abhishek Khatri *Institute of Human Behaviour and Allied Sciences, Delhi*
9:25 - 9:30	Sex Differences In Cognition Of Community Dwelling Older Adults Of Bengaluru	Aparna Venugopal *National Institute of Mental Health and Neurosciences, Bengaluru*
9:30 - 9:35	Understanding Caregiver Burden In Dementia And Mental Illness Among Older Adults In India	Jayashree Dasgupta *Global Brain Health Institute, Samvedna Care, Chitkara University*
9:35 - 9:40	Validation Of Indian Stick Figure Test, A Part Of The ICMR Neurocognitive Toolbox For Illiterates	Bidisha Bhattacharya *Bangur Institute of Neurosciences and Institute of Medical Education & Research (IPGME&R), Kolkata*
9:40 - 9:45	Enhanced Brain Network Efficiency In Aging Carnatic Musicians: A Graph Theory Analysis	Aishwarya Ghosh *Centre for Brain Research, IISc, Bangalore*
9:45 - 9:50	Bend: A Bayesian Encoder-decoder GRU Framework For Uncertainty Estimation And Confident Prediction Of ADAS-13 Score.	Ratnadeep Das *Indian Institute of Technology, Delhi*
9:50 - 10:00	Discussion	
	SESSION 2 - NEW PERSPECTIVE ON RISK AND DIAGNOSIS	
10:00-10:15	Chairperson: Gautam Das, Bangur Institute of Neurosciences and Institute of Medical Education & Research (IPGME&R), Kolkata Jyoti Garg, ABVIMS and Dr RML Hospital, Delhi	

10:15-10:30	Is Alzheimer's an Autoimmune disorder?	Suman Kushwaha *Institute of Human Behaviour and Allied Sciences, Delhi*
10:30 - 10:45	Plasma Biomarkers in Clinical Practice for Diagnosing Dementia	Faheem Arshad *National Institute of Mental Health and Neurosciences, Bengaluru*
10:45 -11:00	Association between polygenic risk scores for neurodegenerative disorders and Sleep EEG Matric	Puneet Talwar *University of Liège, Belgium*
11:00 - 11:15	Role of Brain-Computer Interface in cognitive disorders	Subasree Ramakrishnan *National Institute of Mental Health and Neurosciences, Bengaluru*
11:15-11:30	**COFFEE BREAK**	
	SESSION 3 - UNRAVELING THE LINK	
11:30 - 11:40	Chairperson: Kuljeet Anand, Kailash Healthcare Sujata Chaturvedi, Institute of Human Behaviour and Allied Sciences, Delhi	
11:40 - 12:00	The Mysteries of Brain Function	Debashish Chowdhury GIPMER, Delhi
	SESSION 4 - TECH, SCANS, AND SOLUTIONS	
12:00 - 12:15	Chairperson: Arun Kaul, GIPMER, Delhi Monali Chaturvedi, Institute of Human Behaviour and Allied Sciences, Delhi Prasun Roy, Shiv Nadar University, Greater Noida	
12:15 - 12:30	Alzheimer's Disease therapeutics - A meta-analytic approach	Hardeep Singh Malhotra *King George's Medical University, Lucknow*
12:30 - 12:45	A Novel Approach using AI/ML for Early Diagnosis of Neurocognitive Disorders	Puneet Agarwal *Max Hospital, Saket, Delhi*
12:45 - 1:00	Differentiating Alzheimer's atypical variant using Nuclear Imaging	Ritu Verma *Mahajan Imaging and Labs, Delhi*
1:00 - 1:15	AI based whole brain connectomics platform to uncover multi-scale mechanisms underlying healthy and pathological ageing/ neurological disorders	Arpan Banerjee *National Brain Research Centre, Gurugram*
1:15 - 2:15	**LUNCH BREAK WITH WALKING POSTER SESSION**	
	SESSION 5 - EXPLORING THE HIDDEN	
2:15 - 2:25	Chairperson: Deepak Kumar, Institute of Human Behaviour and Allied Sciences, Delhi B. K. Bajaj, VMMC and Safdarjung Hospital, Delhi	

2:25 - 2:45	Could locus coeruleus contribute to sleep alterations related to AD risk	Gilles Vandewalle University of Liège, Belgium
SESSION 6 - NAVIGATING DEMENTIA IN INDIA - INSIGHTS AND INNOVATIONS	
2:45-3:00	Chairperson: Meena Gupta, Max Hospital, Manesar, Gurgaon Vinod Puri, Moolchand Institute of Neuroscience, Delhi	
3:00 - 3:15	Risk and Prevention of Cognitive Decline – Indian Insight	Manjari Tripathi *All India Institute Of Medical Sciences, New Delhi*
3:15 - 3:30	Unique Challenges of Dementia Caregivers & Management in India	Priya Thomas *National Institute of Mental Health and Neurosciences, Bengaluru*
3:30 - 3:45	Community approach to dementia diagnosis and management	Suvarna Alladi *National Institute of Mental Health and Neurosciences, Bengaluru*
3:45 - 4:00	Promoting Brain Health in India	Rajinder Dhamija *Institute of Human Behaviour and Allied Sciences, Delhi*
4:00 - 4:30 **4:30 - 5:00**	**VALEDICTORY PROGRAM** *(Felicitation of Best Poster and Oral Presentation, Closing Remarks, Vote of thanks)* **HIGH TEA**	