**Sunday November 13th, 2022**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 - 7:30 AM</td>
<td>Registration - Dr. Asra Fauzi &amp; Dr. Keerthy Sunder</td>
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<tr>
<td>7:30 - 8:00 AM</td>
<td><strong>Opening Speech</strong></td>
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<tr>
<td></td>
<td>Dr. Asra Fauzi, Local Chair</td>
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<td></td>
<td>Prof. Budi Santoso, Dean of Medical Faculty, Airlangga University</td>
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<tr>
<td>8:00 - 8:30 AM</td>
<td><strong>Day 1 Keynote 1: UHC Coverage in Developing Countries: Future Challenges</strong></td>
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<td>Dr. Ali Gufron Muti, Director of Indonesia Universal Health Care System</td>
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<tr>
<td>8:30 - 9:45 AM</td>
<td><strong>Day 1 Session 1: Indonesian BRAIN INITIATIVE (Forum 1) - Brain, Spine &amp; Mental Health</strong></td>
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<tr>
<td></td>
<td>Dr. Asra Fauzi, Session Chair</td>
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<td>Dr. Abdullah Machin, Session Co-Chair</td>
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<tr>
<td>8:30 AM</td>
<td>Handling covid-19 in Est Jawa, The experience of operating Emergency Hospitals</td>
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<td>Dr. Juni Walyahadi, Director, Dr. Soetomo General Hospital / President of the Neurosurgeons Association Indonesia</td>
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<td>8:45 AM</td>
<td>Building A Comprehensive Neurological Center in Indonesia</td>
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<td>Dr. Reza Arpandy, Member of National Brain Center, Indonesia</td>
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<td>9:00 AM</td>
<td><strong>Neuroscience in Indonesia: Where are we?</strong></td>
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<td>Dr. Adra Mayza, President of Indonesia Neurology Association, Indonesia</td>
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<td>9:15 AM</td>
<td><strong>Neurobehavior and Spiritual Neuroscience</strong></td>
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<td>Dr. Taufiq Puspa, Dean Medical Faculty, UNAIR, Indonesia</td>
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<td>9:30 AM</td>
<td>Role of Neuroscience in Indonesian Governance</td>
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<td>Dr. Tugas Ratmono, Former Surgeon General of Indonesian National Armed Forces, Indonesia</td>
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<tr>
<td>9:45 AM</td>
<td><strong>Discussion Board</strong></td>
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<tr>
<td>10:00 AM</td>
<td><strong>Break</strong></td>
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<tr>
<td>10:15 - 11:30 AM</td>
<td><strong>Day 1 Session 2: N20 Brain &amp; Mental Health Initiatives - Brain, Spine &amp; Mental Health</strong></td>
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<td></td>
<td>Dr. Dave Baron &amp; Dr. Asra Fauzi, Session Chair</td>
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<td>Dr. Keerthy Sunder, Session Co-Chair</td>
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<td>Dr. Jothsna Bodhanapati, Fellow, Nima Manavi, Intern</td>
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<tr>
<td>10:15 AM</td>
<td>Developing Cognitive Behaviour Therapy Module for Non Suicidal Self Injury</td>
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<td>Dr. Made Nyaminta, Indonesia Neuropsychiatry Association, Indonesia</td>
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<tr>
<td>10:30 AM</td>
<td>Recent Trend of Mental Health Self Diagnosis Among Millenials</td>
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<td>Dr. Marga Maramis, Neuropsychiatrist, Universitas Airlangga, Surabaya, Indonesia</td>
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<td>10:45 AM</td>
<td><strong>Neuro-psychiatric care Development in Indonesia</strong></td>
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<td>Dr. Budiastami Sudart, Neuropsychiatrist, Universitas Airlangga, Surabaya, Indonesia</td>
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<td>11:00 AM</td>
<td><strong>Global Challenges and Solutions for Alcohol Relapse Prevention</strong></td>
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<td>Dr. Paul Cassedy, Medical Director, Coastal Care Substance Use Institute, USA</td>
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<td>11:15 AM</td>
<td><strong>Prospect of Polymeric Biomaterials in Brain and Nerve Tissue Engineering</strong></td>
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<td>Dr. Prithviraj Widyastuti, Biomaterials Engineering Study Program, Faculty of Science and Technology, Universitas Airlangga, Surabaya, Indonesia</td>
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<td>11:30 AM</td>
<td><strong>Discussion Board</strong></td>
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<tr>
<td>11:45 - 1:15 PM</td>
<td><strong>Day 1 Session 3: Middle Eastern BRAIN INITIATIVE (Egypt, Turkey, Iran) - Brain, Spine &amp; Mental Health</strong></td>
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<td>Dr. Prof. Nevzat Tarhan, Session Chair.</td>
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<td>Dr. Babak Kateb &amp; Dr Motjaba Barzegar, Session Co-Chairs.</td>
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<td>Dr. Muhammad Kamali, Fellow, Lila Kendall &amp; Nima Manavi, Interns</td>
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<td>11:45 AM</td>
<td><strong>Theta Burst and Neuromodulation Applications</strong></td>
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<td>Dr. Nevzat Tarhan, Uludag University, Turkey</td>
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<td>12:00 PM</td>
<td>A Based Neuroscience Applications and NP Model</td>
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<td>Dr. Turker Erguzel, Uludag University, Turkey</td>
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<td>12:15 PM</td>
<td>The advent of neurotechnologies and its impact on inclusive Brain/Mental Health: the Middle-East Context V</td>
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<td>Dr. Mohammed Nami, Neurocognitivist, Sleep Disorders Fellow, Harvard Alumni Entrepreneurs, Iran</td>
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<td>12:30 PM</td>
<td>A New Strategic Pre-operative Classification of the Surgical Approaches to the Sellar and Para-Sellar Neoplastic Lesions V</td>
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<td>Dr. Mohamed Fathy, Professor of Neurosurgery, Amin Shams Hospital, Egypt</td>
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<td>12:45 PM</td>
<td>Neurosurgical Education in Egypt and Africa V</td>
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<td>Dr. Nasser El-Ghondour, Neurosurgeon, Egypt</td>
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<td>1:00 PM</td>
<td><strong>An overview of new technologies for Brain mapping and Therapeutics in Iran</strong></td>
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<td>Dr. Motjaba Barzegar, Medical Physicist, Tehran Univ. Of Medical Sciences, Iran, CEO &amp; Co-Founder iQBM, Iran</td>
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<td>1:15 PM</td>
<td><strong>Discussion Board</strong></td>
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9th Annual Neuroscience20
(Brain, Spine and Mental Health)
"Better health through evidence-based policy"
All times in Central Indonesia Time (GMT+8)

1:30 - 2:30 PM
Lunch - Buffet

2:30 - 3:45 PM
Day 1 Session 4: Indian BRAIN INITIATIVE - Brain, Spine & Mental Health
Dr. Keerthy Sunder & Dr. Pravat Mandal, Session Chairs.
Dr. Jothsna Bodhanapati, Fellow:

2:30 PM
Robotic Thermo-Compleetive Hemispherotomy- a Bloodless Technique for Hemispheric Disconnection
Dr. P. Sarat Chandra, Neurosurgeon, Senior Professor, Dept of Neurosurgery at AIIMS, India

2:45 PM
Mapping networks for Epilepsy Surgery
Dr. Monjari Tripathi, Neurologist, Dept of Neurosurgery at AIIMS, India

3:00 PM
Role Of DTI In Preservation Of Facial Nerve In Vestibular Schwannoma Surgery Virtual
Dr. Achal Sharma, Professor, Neurosurgery, SMS Medical College, Jaipur, India

3:15 PM
Connectomes in Brain Tumour Surgery - Adding New Insights Virtual
Dr. Ratnakar B. N. B., Department of Neurosurgery, Apollo, Consultant Neurosurgeon, Max Hospital, India

3:30 PM
Implications of Oxidative Stress in Neurodegenerative & Psychiatric Disorders: Brain Imaging Study Virtual
Dr. Pravat Mandal, Scientist National Brain Research Centre, India & Honorary Prof Fibre Institute of Neuroscience and Mental Health, Melbourne, Australia

3:45 PM
Discussion Board

4:00 PM
Break

4:15 - 4:45 PM
Day 1 Keynote 2: Overview of Global Mental Health Challenges and Opportunities in the Post Covid Era
Dr. Keerthy Sunder, SBMT Executive Board Member, President of the Sunder Foundation, Assistant Clinical Professor - Department of Psychiatry UCR

4:45 - 6:15 PM
Day 1 Session 5: N20 Brain & Mental Health Initiatives - Brain, Spine & Mental Health
Dr. Keerthy Sunder & Dr. David Rabin, Session Chairs.
Dr. Nicole Jafari & Dr. Kuldeep Sidhu, Session Co-Chairs.
Dr. Jothsna Bodhanapati & Dr. Love Kumar, Fellows. Nima Manavi, intern.

4:45 PM
The Convergence of Psychedelic Medicines and Wearable Technology in 21st Century Medicine
Dr. David Rabin, The Executive Director of The Board of Medicine & Chief Innovation Officer of Apollo Neuroscience, USA

5:00 PM
Funding Opportunities at the Interface of Brain, Spine & Mental Health in the Asia-Pacific Region
Dr. Dave Barron, North School of Medicine at USC, USA

5:15 PM
Opioid Relapse Prevention- Global Challenges and Solutions
Dr. Brian Norling, Society for Brain Mapping and Therapeutics, Neuroscience20 Speaker, USA

5:30 PM
An Unequivocal Need for Cross-Cultural Research in Understanding, Integrating, and Administering Psychedelic Medicine as a High-Efficacy Alternative Treatment for Mental Health Patients
Dr. Nicole Jafari, Founder & President, Cross-Cultural Research and Educational Institute, USA

5:45 PM
Brain Stimulation with TMS for Neuropsychiatric Disorders - Global Challenges and Opportunities
Dr. Kevin Murphy, Founder, Mindset pTMS, USA

6:00 PM
Active Pharmaceutical Ingredients (API) From Stem Cells as New Therapeutic Paradigm for Tackling ‘NDD Burden’ With Focus on Alzheimer’s Disease
Dr. Kuldeep Sidhu, Gadjah Mada University, Indonesia & UNSW Medicine & Health, Centre for Healthy Brain Aging, University of New South Wales, Australia

6:15 PM
Discussion Board

End of Sessions
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Monday November 14th, 2022

7:30 - 8:00 AM  
Day 2 Registration-Dr. Asra Fauzi & Dr. Keerthy Sunder

8:00 - 8:30 AM  
Day 2 Keynote 1: The Overview of President Biden’s Cancer Moonshot Initiative  
Dr. Vicky Yamamoto, 9th President of Society for Brain Mapping and Therapeutics. Cancer Scientist. Dept of Dermatology/Head and Neck Surgery, Keck School of Medicine of USC, Los Angeles CA.

8:30 - 9:45 AM  
Day 2 Session 1: American Cancer Moonshot & Brain INITIATIVE - Brain, Spine & Mental Health  
Dr. Babak Kateb, Dr. Elias Abou-Dawwas & Dr. Vicky Yamamoto, Session Chairs  
Dr. Jothsna Bodhanapati & Dr. Love Kumar, Fellows: Nima Manavi, Intern.

9:00 AM  
Epilepsy Treatment Considerations & Recent Advances  
Dr. G. Eliad, Professor of Neurology and Co-Director of the UCLA Stroke Disorders Center. USA

9:15 AM  
The role of MRS in diagnosing glioma tumors: From base physics to clinical practice Virtual  
Dr. Arash Shariat, Director of SonoMed Medical Imaging Center, Iran.

9:30 AM  
Amide Proton Transfer Imaging for Clinical Brain Tumor Imaging Virtual  
Dr. Sotiras Bides, Professor of Radiation and Neuroimaging. Consultant Neuroradiologist and MRI Clinical Lead of UCL Hospitals NHS Trust, Greece

9:45 AM  
The Role of Radiation Oncology in the Global Challenge of Cancer - New Opportunities with the Cancer Moonshot Initiative Virtual  
Dr. Reinhold Schulte, Professor of Biomedical Engineering Sciences, Loma Linda University, USA

10:00 AM  
Discussion Board

10:15 - 11:45 AM  
Day 2 Session 2: European BRAIN INITIATIVE - Brain, Spine & Mental Health  
Dr. Vasileios Katsaras & Dr. Paul Cassedy, Session Chairs  
Dr. Jothsna Bodhanapati, Fellow: Nima Manavi, Intern.

10:15 AM  
Surgical Excision of Brain Tumors in Awake States Virtual  
Prof George Strowdall, Neurosurgeon, Athens University, Greece

10:30 AM  
Imaging Guided Stereotactic Radiosurgery of Gliomas Virtual  
Dr. Christos Baxos, Radiotherapy Neurosurgical Oncologist, Athens, Greece

10:45 AM  
Advancing Imaging in Epilepsy  
Dr. Vasileios Katsaras, Athens University, Greece

11:00 AM  
Recent Advances in Stroke Virtual  
Dr. Peter Ngam, Researcher at Turku University, Finland

11:15 AM  
Exploring Biochemical Changes in Neuropathologies with New 7 Tesla Magnetic Resonance Spectroscopic Imaging Approaches Virtual  
Dr. Gilbert Hengel, Department of Biomedical Imaging and Image-guided Therapy, Department of Neurosurgery, Austria

11:30 AM  
Mixed Reality Intraoperative Navigation Virtual  
Dr. Giuseppe Umano, Associate Fellow of the American College of Surgeons, Dept of Neurosurgery, Trauma and gamma-infer via Civ. Campania, Hospital Catanina, Italy

11:45 AM  
Discussion Board

12:00 - 1:15 PM  
Day 2 Session 3: Indonesian BRAIN INITIATIVE (Forum 2) - Brain, Spine & Mental Health  
Dr. Sri Malawian, Session Chair  
Dr. Taufiqi Pasik, Session Co-Chair  
Dr. Muhammad Kamil, Fellow.

12:00 PM  
Starting Stereotactic Surgery in Developing Countries  
Dr. A. F. M. D. Ali, Neurosurgeon, Indonesia

12:15 PM  
Neuropathic Pain Therapy Development in Indonesia  
Dr. H. M. H. M. Hidayat, Neurologist, Indonesia

12:30 PM  
Complimentary Treatment for Acute Stroke  
Dr. Abdullah Mohin, Neurologist, Indonesia

12:45 PM  
The Importance of Integrated Pediatric Epileptic Center for Improving National Child Neurodevelopmental Health Services  
Dr. Prasatya I. Gunawan, Neuropediatrician, Indonesia

1:00 PM  
Rehabilitation in Stroke: From Acute to Chronic Phase  
Dr. Marta Kumia, Physical Medicine & Rehabilitation, Indonesia

1:15 PM  
Discussion Board
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1:30 - 2:00 PM
Day 2 Keynote 2: The future of Cell-based Therapies in Neurological Disorders
Dr. Robert Hariri, CEO of Celularity

2:00 - 3:00 PM
Lunch - Buffet

3:00 - 4:15 PM
Day 2 Session 4: Indonesian Brain Initiative (Forum 3) - Brain, Spine & Mental Health
Dr. Taufik Pasiak, Session Chair.
Dr. Mursyid Bustami, Session Co-Chair.
Dr. Muhammad Kamil, Fellow

- 3:00 PM Correlation of Social & Cultural Condition to Rehabilitation Medicine
  Dr. Rumaisah, President of Physical Medicine and Rehabilitation Indonesia

- 3:15 PM Neurological Disease Prevention System in Rural Areas
  Dr. Muhammad Faruq, Neurologist, Indonesia

- 3:30 PM Epilepsy Surgery in Developing Countries
  Dr. Tjak Mohadewa, Neurosurgeon, Indonesia

- 3:45 PM Advanced MR Imaging of Brain Tumor: Cases in Dr. Soetomo General Hospital, Surabaya
  Dr. Widiana Ferriastuti SpRad(K), Neuroradiologist, Indonesia

- 4:00 PM Recent Update on Hydrocephalus Management
  Prof. Sri Moharani, Sanglah Hospital, Indonesia

- 4:15 PM Discussion Board

4:30 - 5:00 PM
Day 2 Session 5: SBMT Ukraine Humanitarian Mission & N20 Resolution Panel Discussion
Dr. Babak Kateb, Dr. Keerthy Sunder & Dr. Asra Fauzi, Session Chairs.
Dr. Muhammad Kamil & Dr. Jothsna Bodhanapati, Fellows.

- 4:30 PM Panel Discussion Ukraine Humanitarian Mission for Mental Health
  Dr. Babak Kateb & Dr. Keerthy Sunder, Ukraine Officials attending G20

- 4:45 PM Panel Discussion - N20 Resolution

End of Sessions