



Neuroscience20
(Brain, Spine and Mental Health)

Bali, Indonesia 2022
November 13th-14th

Conference Program | Society for Brain Mapping and Therapeutics



9th Annual Summit
Neuroscience20
(Brain, Spine, Mental Health)



BRAINPARK
TECHNOLOGY + INNOVATION



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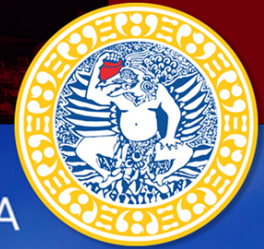


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Neuroscience 20
November 13-14th, 2022



G20 PRESIDENCY OF INDONESIA

**RECOVER TOGETHER
RECOVER STRONGER**



**9th Annual Summit
Neuroscience20
(Brain, Spine, Mental Health)**



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Neuroscience 20
November 13-14th, 2022



G20
INDONESIA
2022

Conference Program | Society for Brain Mapping and Therapeutics

Neuroscience20 (Brain, Spine & Mental Health)

Venue

RENAISSANCE BALI NUSA DUA RESORT

Address and contact

TOURIST AREA LOT SW 4-5
NUSA DUA, BALI 80363, INDONESIA
Detailed Information & Registration

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November 13-14th, 2022



Neuroscience20 – 2022 | Indonesia

Goals of Neuroscience20

N20 aims to contribute to President Biden's Mental Health initiatives and Obama's BRAIN initiative to expand action on the current and upcoming initiatives across the G20 nations, bringing the finest scientists, engineers, physicians, and surgeons across the globe in order to rapidly introduce clinical solutions for neurological disorders, which cost the world economy hundreds of billions of dollars annually. G20 World Brain Mapping Summit was launched in 2014 by The Society for Brain Mapping and Therapeutics (SBMT) initiative.



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Neuroscience 20
November 13-14th, 2022



Chairman and CEO:

Babak Kateb, Founding Chairman of the Board and Scientific Director of SBMT, President of BMF, Director of Brain Technology and Innovation Park, Director of National Center for Nano-Bio-Electronics (NCNBE)
Presidente and CEO of Smart Microscopy Inc., LA, CA, USA



Asra Al Fauzi | Chairman of N20 Summit 2022 - Indonesia

20th President:

Vicky Yamamoto, Cancer Scientist, USC-Keck School of Medicine,
USC Norris Comprehensive Cancer Center;
Senior Research Scientist, Brain Mapping Foundation, LA, CA, USA

Executive Director:

Vicky Yamamoto, Cancer Scientist, USC-Keck School of Medicine,
USC Norris Comprehensive Cancer Center;
Senior Research Scientist, Brain Mapping Foundation, LA, CA, USA

Middle East Brain Initiative Board Members:

Nevzat Tarhan, President of SBMT| Middle East
Turker Erguzel, Co-chair of SBMT| Middle East
Faridedin Naragh, Co-chair of SBMT| Middle East
Mohamed Fahmy, Director of SBMT| Egypt
Mojtaba Barzegar, CEO and Director of SBMT| Iran

G20/ N20 Indonesia, Executive Board Members:

The Rector of Universitas Airlangga
The Dean of Medical Faculty, Universitas Airlangga

Scientific Committee Members:

Chair: **Asra Al Fauzi**, MD. Ph.D.
Vice Chair: **Abdulloh Machin**, MD. Ph.D.
Secretary: **Achmad Fahmi**, MD. Ph.D.
Heri Subianto, MD.
Muhammad Kamil, MD. Ph.D.

Finance Committee:

Brihastami Sawitri, MD.

Program Director:

Prastiya Indra Gunawan, MD. Ph.D.

Documentation Manager:

Martha Kurnia Kusumawardani, MD.



Excellencies, Dear Distinguished Guests, Dear colleagues, Professors, friends, ladies, and gentlemen:

I'm truly delighted to welcome all of you to our next Neuroscience (N) 20 Summit after difficult few years for the global community. This summit will take place on the wonderful Island of Gods, Bali, Indonesia on November 13 and 14th, 2022 at Renaissance Hotel, Nusa Dua, Bali, Indonesia.

The pandemic has kept us apart – as it did with all our citizens. More than two years since the start of the pandemic, we can finally look at the future with great - or with some - optimism.

Successful vaccination campaigns and coordinated action from governments and central banks have allowed the global economy to rebound. Many of our countries have launched recovery plans to boost growth, reduce inequalities, and promote sustainability.

However, we must be aware of the challenges we face collectively as part of a global citizens. The pandemic is not over and there are still other health-related problems that are derivatives of the pandemic that has occurred. One of them is mental health, besides of course there are disorders of the brain and spine with multiple pathologies and degenerative ones, which also cause disability and mortality that puts an enormous burden on the economy.

The N20 initiative has shown their remarkable commitment to improving brain, spine, and mental care on a global level by recommending policies to the G20 countries and beyond, that help them alleviate the burden of health disease through various means including stimulating better mental health, advance neuroscience research, enhancing brain and spine innovation pathways, and improving health care treatments and rehabilitation through policies and support from the governments.

The N20 is a think tank that would also be in a position to provide governments with the expertise needed to improve brain and mental care around the globe. Develop a clear calendar of activities and form task-force groups to work on forming evidence-based policy recommendations.

However, whether it's a pandemic or other health problems, it's a necessity. We might be able to prevent some, but we cannot prevent them all. Business as usual will produce the usual result: a world that is unsafe, unprepared, and unfair. But with bold ideas, bold.

Commitments, and bold leadership, we can write a healthier, safer, fairer future for our children and our children's children.

Therefore, through this extraordinary momentum, I invite all of us to be more concerned about these issues, and the world will be all the better for it, recover together, recover stronger!



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Neuroscience 20
November 13-14th, 2022



"THE 17TH G20 HEADS OF STATE AND GOVERNMENT SUMMIT WILL TAKE PLACE AT NOVEMBER 2022 IN BALI, INDONESIA. THE SUMMIT WILL BE THE PINNACLE OF THE G20 PROCESS AND INTENSE WORK CARRIED OUT WITHIN THE MINISTERIAL MEETINGS, WORKING GROUPS, AND THE DIFFERENT ENGAGEMENT GROUPS THROUGHOUT THE YEAR."

WHO ARE WE?

THE GROUP OF TWENTY, OR THE G20, IS THE PREMIER FORUM FOR INTERNATIONAL ECONOMIC COOPERATION. THE G20 BRINGS TOGETHER THE LEADERS OF BOTH DEVELOPED AND DEVELOPING COUNTRIES FROM EVERY CONTINENT. COLLECTIVELY, THE G20 ECONOMIES ACCOUNT FOR AROUND 90% OF THE GROSS WORLD PRODUCT (GWP), 80% OF WORLD TRADE, TWO-THIRDS OF THE WORLD POPULATION, AND APPROXIMATELY HALF OF THE WORLD LAND AREA. THROUGHOUT THE YEAR, REPRESENTATIVES FROM G20 COUNTRIES GATHER TO DISCUSS FINANCIAL AND SOCIOECONOMIC ISSUES.

HISTORICALLY, THE G20 WAS FOUNDED IN 1999 AT THE LEVEL OF FINANCE MINISTERS AND CENTRAL BANK GOVERNORS, THE G20 GATHERED FOR HIGH LEVEL DISCUSSIONS ON MACRO-FINANCIAL ISSUES. IN THE WAKE OF THE 2008 GLOBAL FINANCIAL CRISES, THE G20 WAS ELEVATED TO

INCLUDE THE LEADERS OF MEMBER COUNTRIES. THE FIRST G20 LEADERS' SUMMIT TOOK PLACE IN WASHINGTON D.C IN NOVEMBER 2008. CONSONANTLY, THE G20 AGENDA EXPANDED BEYOND MACRO FINANCIAL ISSUES, TO INCLUDE SOCIO-ECONOMIC AND DEVELOPMENT ISSUES.

THE PRESIDENCY OF THE G20 ROTATES BETWEEN MEMBER COUNTRIES EVERY YEAR. THE PRESIDENCY PLAYS A LEADING ROLE IN SETTING THE AGENDA AND ORGANIZING THE LEADERS' SUMMIT, WHICH IS ATTENDED BY THE G20 HEADS OF STATE OR GOVERNMENT. AT THE SUMMIT, THE LEADERS ISSUE A DECLARATION, OR COMMUNIQUÉ, BASED ON POLICY DISCUSSIONS AT MEETINGS HELD THROUGHOUT THE YEAR. IN THE RUN-UP TO THE SUMMIT, THE PRESIDENCY HOSTS SEVERAL MEETINGS FEATURING MINISTERS, SENIOR GOVERNMENT OFFICIALS AS WELL AS CIVIL SOCIETY REPRESENTATIVES. AT THE GOVERNMENT LEVEL, THE G20 WORK IS ORGANIZED AROUND THE FINANCE AND SHERPA TRACKS, WHILE CIVIL SOCIETY ASSEMBLES THROUGH ENGAGEMENT GROUPS. G20 MEMBERS ARE ARGENTINA, AUSTRALIA, BRAZIL, CANADA, CHINA, FRANCE, GERMANY, INDIA, INDONESIA, ITALY, JAPAN, REPUBLIC OF KOREA, MEXICO, RUSSIA, SAUDI ARABIA, SOUTH AFRICA, TURKEY, THE UNITED KINGDOM, THE UNITED STATES AND THE EUROPEAN UNION.

TEN OFFICIAL ENGAGEMENT GROUPS; BUSINESS 20 (B20), YOUTH 20 (Y20), LABOUR 20 (L20), THINK 20 (T20), CIVIL 20 (C20), WOMEN 20 (W20), SCIENCE 20 (S20), URBAN 20 (U20), PARLIAMENTARY 20 (P20), SUPREME AUDIT INSTITUTION (SAI20) AND MANY NON-OFFICIAL ENGAGEMENT GROUPS OF DIFFERENT INTERESTS ARE CARRYING OUT DIFFERENT FORMS OF ACTIVITIES THROUGHOUT THE YEAR IN ORDER TO PROVIDE THE LEADERS DURING THE SUMMIT WITH SPECIFIC RECOMMENDATIONS OF THEIR CONCERNS.



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November 13-14th, 2022



NEUROSCIENCE20

NEUROSCIENCE20 INITIATIVE OF SBMT IS A TRULY IMPRESSIVE APPROACH TOWARD BUILDING GLOBAL CONSORTIA OF BRAIN INITIATIVES IN ORDER TO CREATE A UNITED FRONT FOR TACKLING DEVASTATING NEURO-PSYCHIATRIC DISORDERS WORLDWIDE.

THE 9TH ANNUAL N20 PROGRAM COVERS ALL ASPECTS OF BRAIN MAPPING AND THERAPEUTICS, FROM IMAGING, CONNECTOMICS, MATHEMATICAL MODELING, AND ARTIFICIAL INTELLIGENCE TO NANONEUROSCIENCE, NEUROPHOTONICS, AND GENOMICS.

THE PROGRAM IS AIMED AT EXCHANGING SCIENTIFIC PROGRESS ACROSS DISCIPLINES OF SCIENCE AND TECHNOLOGY, WHICH COULD ENABLE SCIENTISTS TO INTRODUCE NEW DIAGNOSTICS AND THERAPEUTICS RAPIDLY.

"THE HUMAN AND FINANCIAL COST OF NEUROLOGICAL DISORDERS TO THE WORLD IS ENORMOUS; THE COST OF CARE OF NEARLY 5.5 MILLION ALZHEIMER'S PATIENTS IN THE US ALONE IS NOW CLOSE TO \$200 BILLION ANNUALLY; THIS COST WILL BE CLOSER TO \$1 TRILLION IN 10 YEARS," SAID DR. BABAK KATEB, FOUNDING CHAIRMAN OF THE BOARD AND SCIENTIFIC DIRECTOR OF SBMT, PRESIDENT OF BMF, DIRECTOR OF NCNBE AND DIRECTOR OF BRAIN TECHNOLOGY AND INNOVATION PARK (BTIP), "IN 2015, THE COST OF DEMENTIA TO THE WORLD ECONOMY WAS \$818 MILLION WHICH CORRESPONDS TO THE CARE FOR NEAR 46.8 MILLION PATIENTS; IN 2030, THIS COST WILL BE \$2 TRILLION FOR DEMENTIA ALONE; THIS MEANS IF DEMENTIA WERE A COUNTRY, IT WOULD BE NUMBER 18 ON THE GROSS DOMESTIC PRODUCT (GDP)".

SBMT HAS BEEN AT THE FOREFRONT OF ESTABLISHING GLOBAL BRAIN INITIATIVES IN THE LAST 15 YEARS AND WAS A KEY PLAYER IN FORMULATING AND SUPPORTING OBAMA'S BRAIN INITIATIVE.

SCIENTIFIC DELEGATIONS ACROSS THE G20 WILL BE ATTENDING THE SYMPOSIUM; REGISTRATION FOR THE N20 SUMMIT WILL BE CLOSED ON JULY 9TH, 2022.





Neuroscience 20
November 13-14th, 2022



FOUNDING SOCIETIES AND PARTNER SOCIETIES FOR N20



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Neuroscience 20
November 13-14th, 2022



Vision

Neuroscience20, through its Annual Scientific Summit, aims to contribute to President Biden's Cancer Moonshot, Mental Health, Suicide prevention initiatives and President Obama's Brain Initiative as well as creating a global think tank and consortium on Neurotech Innovation in order to fast-track diagnostics and therapeutics for neurological psychiatric and spinal disorders.

Goals of N20

1. Build a global alliance for brain, spine, and mental health/illness.
2. N20 encourages a consortium approach to research and development.
3. N20 advocates for global harmonization of the related policies/standardization of data.
4. N20 encourages a neuro-economical assessment of the future impact of disease, diagnostics, and prevention.
5. N20 encourages facilitating the translation and commercialization of technologies across disciplines of science to rapidly identify and introduce a new generation of therapeutics, including stem cells, nanotechnology, device, and imaging (a nanobioelectronic consortium/ company spinoffs).
6. N20 advocates unifying global regulations and guidelines on clinical trials and drug/device-combination discovery.
7. N20 advocates for advancing brain, spine, and mental health innovation through a global partnership and new funding initiatives between academic centers, industry, non-profit organizations, and government agencies.
8. N20 is a critical brain and spine consortium to facilitate the integration of nanotechnology, artificial intelligence, virtual reality/augmented reality, supercomputing, multimodality brain mapping/imaging (MEG), cellular therapeutics, neuro-photonics and/or devices that could address the fast-tracking innovation, reduce the cost of the healthcare delivery and make it more efficient.
9. N20 will be bringing the global brain and spine initiatives together to identify the best clinical and basic science practices and create a united front to push for new effective therapeutics.
10. Set unified standards for training, prevention, care, and advanced therapeutics related to brain, spine, and mental disorders, including physicians, engineers, surgeons, nurses, chiropractors, physical therapists, osteopaths, physiologists, and other related disciplines.
11. Provide capabilities at the local, regional, and national levels to advance the practice of clinical neuroscience (brain, spine, and mental health/illness) through advocacy by engaging health ministries and government programs across the globe.
12. Advocate for global research and innovation funding for brain, spine, and mental health.
13. Facilitating investment and commercialization of neuro-technologies for brain, spine, and mental health/illness.
14. Educate professionals, patients, and families about the latest state of science, technology, innovation, and policies in clinical neuroscience (brain, spine, and mental health/illness).
15. Provide accurate and up-to-date resources and data to the governments of the G20 nation and beyond to adopt new policies for clinical neuroscience.
16. Spread awareness amongst all to address mental/psychological issues such as PTSD for health-





Neuroscience 20
November 13-14th, 2022



Scientific Program

N20 Summits is composed of multiple sessions, 1st Day one will be about regional based discussions. And 2nd Day is a topic-based discussion. This summit is a program that cover BRAIN, SPINE and Mental Health fields.

Target Audience

- » Neurologist and SPINE Practitioners.
- » Global Neuroscientist leaders.
- » Health Economists.
- » Public Health Leaders.
- » Health Strategic planners.
- » Neuro Industrial Leaders and Investors.
- » Government Health Officials and Legislators.
- » Non-Government Societies

Recommendations and Publication

Society for Brain Mapping and Therapeutics (SBMT) proposes the Brain, Spine and Mental Health Screening (NEUROSCREEN) as a multi-faceted approach in a resolution report annually.

The approved N20 resolutions for each summit will be published every year in a peer reviewed journal to be available for concerned and interested people and organizations.

You can find the latest published report in journal of Alzheimer disease:
<https://pubmed.ncbi.nlm.nih.gov/35034899/>

Goal of NEUROSCREENING

Operationalizing NEUROSCREEN is expected to result in reduced healthcare costs and improving quality of life at national and later, global scales.

How will we ensure continuity?

N20 encourages a consortium approach to research and development.

It advocates for a global harmonization of the related policies/standardization of data.

We encourage a neuro-economical assessment of the future impact of disease, diagnostics and prevention as well as facilitating translation and commercialization of technologies across disciplines of science to rapidly identify and introduce new generation of therapeutics including stem cells, nanotechnology, device, and imaging (a nanobioelectronic consortium/ company spinoffs).

Resources and Supporting Papers of Previous summits

2019 Japan amendment to the 2018 Resolution (download)

Nature Biotechnology.

2018 Argentina Resolution.

A proposed G20 priority due to Major Impact of the Cost of Neurological Disorders on the World Economy.

Find them in www.worldbrainmapping.org





Neuroscience 20
November 13-14th, 2022



Keynote Speakers



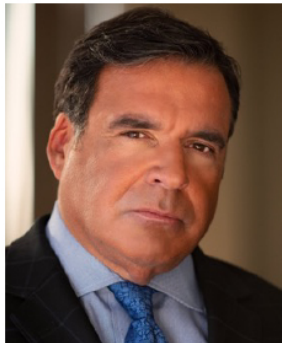
Dr. Ali Gufron Mukti

Director of Indonesia Universal Health Care System, Indonesia.



Dr. Vicky Yamamoto

20th President of Society for Brain Mapping and Therapeutics, Cancer Scientist, Department of Otorrhinolaryngology/Head and Neck Surgery, Keck School of Medicine of USC, USA.



Dr. Robert Hariri

18th President of Society for Brain Mapping and Therapeutics, CEO of Celularity, USA.



Dr. Keerthy Sunder

SBMT Executive Board Member, President of the Sunder Foundation, Assistant Clinical Professor Department of Psychiatry UCR, USA.



Dr. Jose Edgardo Valerio Pascua

Chairman of Neurosurgery at Palmetto General Hospital, CEO Biscayne Plaza Surgical Center, USA.





Neuroscience 20
November 13-14th, 2022



Summit Program



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"Better health through evidence-based policy"
All times in Central Indonesia Time (GMT+8)



Sunday November 13th, 2022

7:00 - 7:30 AM

Registration-Dr. Asra Fauzi & Dr. Keerthy Sunder

7:30 - 8:00 AM

Opening Speech

Dr. Asra Fauzi, Local Chair

Professor Budi Santoso, Dean of Medical Faculty, Airlangga University

8:00 - 8:30 AM

Day 1 Keynote 1: UHC Coverage in Developing Countries: Future Challenges

Dr. Ali Gufron Mukti, Director of Indonesia Universal Health Care System

8:30 - 9:45 AM

Day 1 Session 1: Indonesian BRAIN INITIATIVE (Forum 1) - Brain, Spine & Mental Health

Dr. Asra Fauzi, Session Chair.

Dr. Abdullah Machin, Session Co-Chair.

Dr. Muhammad Kamil, Fellow.



8:30 AM

Handling Covid-19 in Est Jawa, The Experience of Operating Emergency Hospital

Dr. Joni Wahyuhadi, Director Dr. Soetomo General Hospital/ President of the Neurosurgical Association, Indonesia



8:45 AM

Building A Comprehensive Neurological Center in Indonesia

Dr. Reza Arpandy, Member of National Brain Center, Indonesia



9:00 AM

Neuroscience in Indonesia: Where are we?

Dr. Adre Mayza, President of Indonesia Neurology Association, Indonesia



9:15 AM

Neurobehavior and Spiritual Neuroscience

Dr. Taufiq Pasiak, Dean Medical Faculty, UPNV, Indonesia



9:30 AM

Healthcare Management for Stroke

Dr. Tugan Ratmono, Former Surgeon General of Indonesian National Armed Forces, Indonesia

9:45 AM

Discussion Board

10:00 AM

Break

10:15 - 11:30 AM

Day 1 Session 2: N20 Brain & Mental Health Initiatives - Brain, Spine & Mental Health

Dr. Dave Baron & Dr. Asra Fauzi, Session Chair.

Dr. Keerthy Sunder, Session Co-Chair.

Dr. Jothisna Bodhanapati, Fellow; Nima Manavi, Intern.



10:15 AM

Neuro-psychiatric Care Development in Indonesia

Dr. Made Nyandra, Indonesia Neuropsychiatry Association, Indonesia



10:30 AM

Recent Trend of Mental Health Self Diagnosis Among Millennials

Dr. Marga Maramis, Neuropsychiatrist, Universitas Airlangga, Surabaya, Indonesia



10:45 AM

Developing Cognitive Behaviour Therapy Module for Non-Suicidal Self Injury

Dr. Brihastami Sawitri, Neuropsychiatrist, Universitas Airlangga, Surabaya, Indonesia



11:00 AM

Global Challenges and Solutions for Alcohol Relapse Prevention

Dr. Paul Cassidy, Medical Director Coastal Care Substance Use Institute, USA



11:15 AM

Prospect of Polymeric Biomaterials in Brain and Nerve Tissue Engineering

Dr. Prihartini Widiyanti, Biomedical Engineering Study Program, Faculty of Science and Technology, Universitas Airlangga, Surabaya, Indonesia

11:30 AM

Discussion Board

11:45 - 1:15 PM

Day 1 Session 3: Middle Eastern BRAIN INITIATIVE (Egypt, Turkey, Iran) - Brain, Spine & Mental Health

Dr. Prof. Nevzat Tarhan, Session Chair.

Dr. Babak Kateb & Dr. Motjaba Barzegar, Session Co-Chairs.

Dr. Muhammad Kamil, Fellow; Lila Kendall & Nima Manavi, Interns.



11:45 AM

Theta Burst and Neuromodulation Applications

Dr. Nevzat Tarhan, Uskudar University, Turkey



12:00 PM

AI Based Neuroscience Applications and NP Model

Dr. Turker Erguzel, Uskudar University, Turkey



12:15 PM

The Advent of Neurotechnologies & It's Impact on Inclusive Brain Virtual

Dr. Mohammed Nami, Neurocognitivist, Sleep Disorders Fellow, Harvard Alumni Entrepreneurs, Iran



12:30 PM

Strategic Pre-op Classification of Surgical Approaches to Sella & Para-sellar Neoplastic Lesions" Virtual

Dr. Mohamed Fahmy, Professor of Neurosurgery in Alexandria University, Egypt



12:45 PM

Neurosurgical Education in Egypt and Africa Virtual

Dr. Nasser El-Ghandour, Neurosurgeon, Cairo University, Egypt



1:00 PM

An Overview of New Technologies for Brain Mapping and Therapeutics in Iran

Dr. Mojtaba Barzegar, Medical Physicist, Tehran Univ of Medical Sciences, Iran, CEO & Co-Founder IQBIM, Iran

1:15 PM

Discussion Board





9th Annual Neuroscience20

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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. Sandip Chatterjee, Session Co-Chairs.

Dr. Jothsna Bodhanapati, Fellow.



2:30 PM

Robotic Thermo-Coagulative Hemispherotomy- A Bloodless Technique for Hemispheric Disconnection Virtual

Dr. P Sarat Chandra, Neurosurgeon Senior Professor, Dept of Neurosurgery at All India Institute of Medical Sciences (AIIMS), India



2:45 PM

Mapping networks for Epilepsy Surgery Virtual

Dr. Manjari Tripathi, Neurologist, Dept of Neurosurgery at All India Institute of Medical Sciences (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. Ratnadip Bose, Department of Neurosurgery, Associate Consultant Neurosurgeon, Medanta Hospital, India



3:30 PM

Implication of Oxidative Stress In Neurodegenerative & Psychiatric Disorders: Brain Imaging Study Virtual

Dr. Pravat Mandal, Scientist National Brain Research Center, India & Honorary Prof Florey 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. Kuldip 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 Baron, Keck School of Medicine at USC, USA



5:15 PM

Opioid Relapse Prevention- Global Challenges and Solutions

Dr. Brian Norling, Chief Executive Officer, MEMS Precision Technology, 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 prTMS, 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. Kuldip Sidhu, GdipBA, 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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"Better health through evidence-based policy"
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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, 20th President of Society for Brain Mapping and Therapeutics, Cancer Scientist, Dept. of Otorhinolaryngology/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. Eliashiv Dawn & Dr. Vicky Yamamoto, Session Chairs.

Dr. Jothisna Bodhanapati & Dr. Love Kumar Fellows; Nima Manavi, Intern.



8:30 AM

Epilepsy Treatment Considerations & Recent Advances

Dr. Dawn Eliashiv, Professor of Neurology and Co-Director of the UCLA Seizure Disorders Center, USA



8:45 AM

Advanced Imaging in Brain Tumors

Dr. Vasileios Katsaros, Athens University, Greece



9:00 AM

The role of MRS in diagnosing Glioma tumors: From base physics to clinical practice Virtual

Dr. Arash Shabani, Director of Saadat Abad Medical Imaging Center, Iran



9:15 AM

Amide Proton Transfer Imaging for Clinical Brain Tumor Imaging Virtual

Dr. Sotirios Bisdas, Professor of Radiology and Neuroradiology Consultant Neuroradiologist and MRI Clinical Lead at UCL Hospitals NHS Trust, Greece



9:30 AM

The Role of Radiation Oncology in the Global Challenge of Cancer- New Opportunities with the Cancer Moonshot Initiative Virtual

Dr. Reinhard Schulte, Professor of Biomedical Engineering Sciences, Loma Linda University, USA

9:45 AM

Discussion Board

10:00 AM

Break

10:15 - 11:45 AM

Day 2 Session 2: European BRAIN INITIATIVE - Brain, Spine & Mental Health

Dr. Vasileios Katsaros & Dr. Paul Cassidy, Session Chairs.

Dr. Jothisna Bodhanapati, Fellow; Nima Manavi, Intern.



10:15 AM

Surgical Excision of Brain Tumors in Awake States Virtual

Prof George Stranjalis, Neurosurgeon, Athens University, Greece



10:30 AM

Imaging Guided Stereotactic Radiosurgery of Gliomas Virtual

Dr. Christos Boskos, Radiotherapist-Neurooncological Society of Athens, Greece



10:45 AM

Advanced Imaging in Epilepsy

Dr. Vasileios Katsaros, Athens University, Greece



11:00 AM

Recent Advances in Stroke Virtual

Dr. Peter Ngum, 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 Hangel, Department of Biomedical Imaging and Image-guided Therapy, Department of Neurosurgery, Austria



11:30 AM

Impact of Mixed Reality in Surgical Informed Consent The Beginning of a New Era Virtual

Dr. Giuseppe Umana, Associate Fellow of the American College of Surgeons, Dept. of Neurosurgery, trauma and gamma-knife ctr. Cannizzaro, Hospital Catania, 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 Maliawan, Session Chair.

Dr. Dr. Taufiq Pasiak, Session Co-Chair.

Dr. Muhammad Kamil, Fellow.



12:00 PM

Starting Stereotactic Surgery in Developing Countries

Dr. Achmad Fahmi, Neurosurgeon, Indonesia



12:15 PM

Neuropathic Pain Therapy Development in Indonesia

Dr. Hanik B. Hidayati, Neurologist, Indonesia



12:30 PM

Complementary Treatment for Acute Stroke

Dr. Abdulloh Machin, Neurologist, Indonesia



12:45 PM

The Importance of Integrated Pediatric Epileptic Center for Improving National Child Neurodevelopmental Health Services

Dr. Prastija I. Gunawan, Neuropediatrician, Indonesia



1:00 PM

Rehabilitation in Stroke : From Acute to Chronic Phase

Dr. Martha Kurnia, Physical Medicine & Rehabilitation, Indonesia

1:15 PM

Discussion Board





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All times in Central Indonesia Time (GMT+8)



1:30 - 2:00 PM

Day 2 Keynote 2: The future of Cell-based Therapies in Neurological Disorders

Dr. Robert Hariri, 18th President of SBMT, CEO of Celularity, USA

2:00 - 2:30 PM

Day 2 Keynote 3: Advances in the treatment in High Grade Gliomas

Dr. Jose Edgardo Valerio Pascua, Neurosurgeon, Palmetto General Hospital, CEO Biscayne Plaza Surgical Center, USA

2:30 - 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

The Complexity of Treatment for Spinal Tumors in Indonesia

Dr. Wisnu Wardhana, Neurosurgeon, Udayana University, Indonesia



3:30 PM

Chronic Pain management in spine injury: perspective in brain perceptions

Dr. Tjok Mahadewa, Neurosurgeon, Sanglah Hospital, 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 Maliawan, 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

