



Market Analysis of International Conference on Brain Stimulation

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Global Market Data Analysis

The main theme of the conference is to provide unique ethical and responsive methods to all researchers towards Neuroscience and Therapeutics field. Along with the upcoming medical care towards the Neuroscience and to deal with most updated research and practical challenges adopted in the field of Neurology and neurologist is a physician specializing in neurology and trained to investigate or diagnose and treat neurological disorders. Neurologists may also be involved in clinical research, clinical trials, and basic or translational research. While neurology is a nonsurgical specialty, its corresponding surgical specialty is neurosurgery. Substance abuse refers to the harmful use of psychoactive substance, including alcohol and illicit drugs. Increase trends of cigarette smoking in teenagers is one of the prominent factors driving the substance abuse treatment market according to the 2019 study in the clinical and translational investigation journal, More than 60% of individuals start smoking at the age of 13 and more than 90% individual start smoking before reaching 20 years. It is also reported that 5.8% of the Mexican population comprise adolescents between 13 and 15 years. Of them 42.8% tried a cigarette at some point in their life.

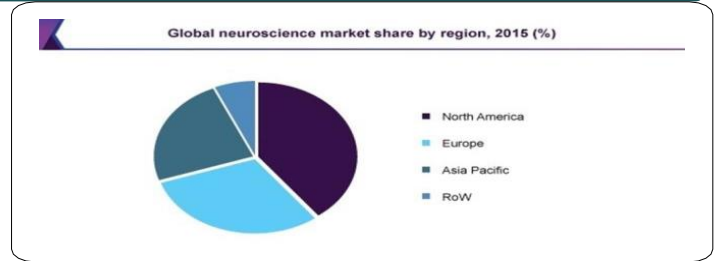
Scope and Importance:

[2nd International Conference on Brain Stimulation](#) will be organized during **June 22-23, 2020** in **Zurich, Switzerland**. The meeting highlights the theme **"Advancements and Innovations in the field of Brain Stimulation"**. There is increasing emphasis on the concept of value within the world of healthcare. Currently, there is no single means of accurately determining a neurosurgeon's value. It remains critical for all neurosurgeons to understand the essential regulatory and administrative principles regardless of the practice environment. Neuroscience Conference aims to gather eminent scientists, research scholars, notable surgeons, and educationists and professionals to express their views on the latest technologies, trends and concerns in Neuroscience & Therapeutics. It concentrates on addressing the constant effort being made by scientist and scholars to improve the existing and inventing novel technologies for future.

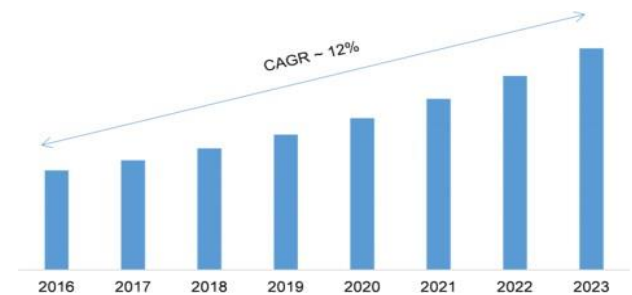
Market research:

The aspects of Neuroscience & Therapeutics are with most reliable and comprehensive information. It covers wide range of topics related to Neurodegenerative disorders, Neuromuscular Diseases, Central Nervous System, Sleep Disorders, Epilepsy, Cerebrovascular Diseases, Movement Disorders, Trauma, Neuroendocrinology, Clinical Neurology, Neuropsychology, Neuropsychiatry, etc.

As stated by the WHO, France is the most depressed nation in the world (21%), and the USA is second (19.2%). French are spending more antidepressants than various countries. In



France, 32% of males and 26% of women smoke daily. In France, with a population of 65 million people, approximately 12 million people face the ill impacts of another mental problem, where 83 million people encounter it. Women's rates are quite greater when compared to males (33.2: 21.7) per cent expect mad confusion and use scattered substance (1.3 per cent: 5.6 per cent). 32% of these people were affected by one increasingly neurological problem, while 18% had two and 4% had at least three problems. 90% of suicides are because of psychological problem in high pay nations.



In 2015, the worldwide Neuro marketing technology market achieved \$21.0 million. From \$50.3 million in 2016, the market is anticipated to achieve \$22.0 million by 2021, rising at a compound annual growth rate (CAGR) from 2016 to 2021 by 18.0 per cent.

Neuroscience market is anticipated to rise at a CAGR of 6.4% CAGR during the forecast year 2018-2025. With healthy CAGR of 6.4%, the global neuroscience market is likely to grow from US\$ 301.6 MN in 2016 to US\$ 520.8 MN in 2023

Top Neuroscience Universities Worldwide: USA:

- Columbia University, USA
- University of California Los Angeles, USA
- University of California San Diego, USA
- University of California San Francisco, USA
- Yale University, USA
- Duke University, USA
- Baylor University, USA

- Boston University, USA
- Emory University, USA
- Capella University, USA
- Johns Hopkins School of Medicine, USA
- University of North Carolina Chapel Hill, USA
- New York University, USA
- University of Chicago, USA
- Harvard University, USA
- University of Pittsburgh, USA
- University of Pennsylvania, USA
- University of Southern California, USA
- Vanderbilt University, USA
- Washington University, USA

Europe:

- University in Aachen, Germany
- Sapienza University of Rome, Italy
- Lubeck University, Germany
- University in Skovde, Sweden
- University in Helsinki, Finland
- Public university in Barcelona, Spain
- Maastricht University, Netherlands
- Herdecke University, Germany
- VU University Amsterdam, Netherlands
- Magdeburg University, Germany
- Munster University, Germany
- Rovira i Virgili University, Spain
- Radboud University, Netherlands
- University of Gottingen, Germany
- Wurzburg University, Germany
- Tubingen University, Germany
- Freiburg University, Germany
- Aalto University, Finland
- Heidelberg University, Germany
- University in Pavia, Italy

Asia:

- National University of Singapore, Singapore
- Shanghai Jiao Tong University, China
- Kyoto University, Japan
- University of Hong Kong, China
- University of Delhi, India
- Peking University, China
- The Hong Kong University of Science and Technology, China
- Seoul National University, South Korea
- The Chinese University of Hong Kong, China
- National Taiwan University, Taiwan
- Tsinghua University, China
- Osaka University, Japan

- Fudan University, China
- Mahidol University, Taiwan
- Korea Advanced Institute of Science and Technology, South Korea
- Yonsei University, South Korea
- Nanyang Technological University, Singapore

Top Neuroscience Societies Worldwide:

USA:

- American Association of Neurological Surgeons, USA
- Society for Neuroscience, USA
- The American Society of Neuroimaging, USA
- American Academy of Neurology, USA
- American Association of Neuromuscular & Electro diagnostic Medicine, USA
- American Board of Psychiatry and Neurology, USA
- American Epilepsy Society, USA
- American Headache Society, USA
- American Osteopathic Board of Neurology and Psychiatry, USA
- American Society of Neuro rehabilitation, USA
- Epilepsy Association-Central, USA
- Massachusetts Neurologic Association, USA
- Alzheimer Association, USA
- American Association of Neuro North, USA
- American Neuro modulation Society, USA
- National Institute of Neurological Disorders and Stroke
- Neuropsychiatric Association, USA
- North American Neuro-Ophthalmology Society, USA
- Society for Behavioural and Cognitive Neurology, USA

Europe:

- Czech Alzheimer Society, Czech Republic
- Portuguese Society of Neurology, Portugal
- World Federation of Neurology, United Kingdom
- Dutch Society of Neurology, Netherland
- Italian Society for Neuroscience, Italy
- Alzheimer Society of Ireland, Ireland
- Alzheimer Society of Finland, Finland
- European Federation of Neurological Societies, Turkey
- European Academy of Neurology, Austria
- Cyprus Neurological Society, Cyprus
- German Society of Neurology, Germany
- Italian Society of Neurology, Italy
- Czech Neurological Society, Czech Republic
- French Society of Neurology, France

Asia:

- The Japanese Society of Psychiatry and Neurology, Japan
- Taiwan Movement Disorder Society, Taiwan
- Taiwan Neurological Society, Taiwan
- Neurological Society of India, India
- Indonesian Neurology Association, Indonesia
- Asian Society against Dementia, Singapore
- Chinese Stroke Association, China
- Asian Australasian Society of Neurological Surgeons, Australia
- Japanese Society of Neurology, Japan
- Chinese Society for Neuroscience, China
- Alzheimer's disease Association, Singapore
- Indian Academy of Neurology, India
- Chinese medical association, China

List of Research Centres in the world:

USA:

- Cognition and Neuroergonomics (CaN) Collaborative Technology Alliance, USA
- Allen Institute for Brain Science, USA
- Helen Wills Neuroscience Institute, USA
- Centre for Neural Science, USA
- National Institute of Neurological Disorders and Stroke, USA
- The Neurosciences Institute, USA
- Picower Institute for Learning and Memory, USA
- Centre for Neurotechnology, USA
- Texas Neurosciences Institute, USA
- Zilkha Neurogenetic Institute, USA
- Max Planck Florida Institute for Neuroscience, USA

Europe:

- International Neuroscience Institute, Germany
- Centre for Molecular Neurobiology Hamburg, Germany
- Leibniz Institute for Neurobiology, Germany
- Max Planck Institute of Neurobiology, Germany
- International School for Advanced Studies, Italy
- Institute Jean Nicod, France
- Centre for Neuroscience and Cell Biology, Portugal
- MRC Cognition and Brain Sciences Unit, UK
- Wellcome Trust Centre for Neuroimaging, UK
- Netherlands Institute for Neuroscience, Netherlands
- Achucarro Basque Centre for Neuroscience, Spain

Asia:

- Bronowski Institute of Behavioural Neuroscience, Australia
- Florey Institute of Neuroscience and Mental Health, Australia

- Neuroscience Research Australia, Australia
- Queensland Brain Institute, Australia
- NeuroMat, Brazil
- International Institute for Neuroscience of Natal, Brazil
- National Institute of Mental Health and Neurosciences, India
- Neurobiology Research Centre, India
- National Neuroscience Institute, Singapore
- Okinawa Institute of Science and Technology, Japan
- RIKEN Brain Science Institute, Japan

List of Hospitals in Worldwide:

USA:

- Mayo Clinic, Rochester, USA
- New York–Presbyterian University Hospital of Columbia and Cornell, USA
- Johns Hopkins Hospital, Baltimore, USA
- Massachusetts General Hospital, USA
- University of California–San Francisco Medical Centre, USA
- Cleveland Clinic, USA
- Ann and Robert H. Lurie Children's Hospital of Chicago, USA
- North western Memorial Hospital, USA
- NYU Langone Medical Centre, USA
- OhioHealth Riverside Methodist Hospital, USA
- Jefferson Hospital for Neuroscience, USA
- National Hospital for Neurology and Neurosurgery, US

Europe:

- Heidelberg University Hospital, Germany
- HELIOS Hospital Berlin-Buch, Germany
- MEOCLINIC, Germany
- Addenbrooke's Hospital, Cambridge, UK
- Charing Cross Hospital, UK
- Queen's Hospital, Romford, UK
- Hurstwood Park Neurosciences Centre, UK
- The Walton Centre for Neurology and Neurosurgery, UK
- Greater Manchester Neurosciences Centre, UK
- Lincoln County Hospital, UK
- UCL Neuro-oncology (brain tumour unit) at NHNN, UK

Asia:

- Bumrungrad Hospital, Thailand
- Fortis Hospital Noida, India
- Mount Elizabeth Novena Hospital, Singapore
- Gleneagles Intan Medical Centre, Malaysia
- Sarang Plus Hospital, South Korea

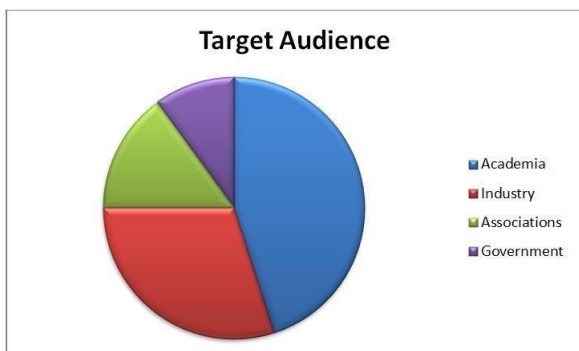
- Artemis Hospital, India
- The University of Tokyo Hospital, Japan
- Beijing Puhua International Hospital, China
- Gleneagles Hospital, Singapore
- Asian Centre for Neurology & Neurosurgery, India
- The National Capital Private Hospital, Australia

Funding Bodies in Global Health:

- Council for Scientific and Industrial Research
- Japan Science and Technology Agency
- The Volkswagen Stiftung Foundation
- Austrian Science Fund
- Taiwan Movement Disorder Society, Taiwan
- Taiwan Neurological Society, Taiwan
- Vienna Science and Technology Fund
- National Fund for Scientific Research
- Hungary Scientific Research Fund
- Chinese Academy of Sciences
- National Natural Sciences Foundation of China
- Canadian Foundation for Innovation
- The Brain and Behaviour Research Fund
- Neuroscience Research Grants
- Health Research Council of New Zealand

Target Audience:

Directors/Managers/CEO's, Presidents & Vice Presidents, Neurologists, Neurosurgeons, Neurology doctors, Scientists and professors, Neuro research scholars, Medical Colleges, Research faculty, Academic Scientists, Students, Diagnostic laboratory professionals, Business Entrepreneurs.



Conclusion:

Brain 2020 will bring together experts like Neuroscientists, Clinicians, Neurogenetist, Neurologists, Psychiatrists, Medical practitioners, Care specialists, academic professionals and students from all over the world to share an interest in the genetic pathways underlying neurological disorders, techniques to identify those genetic pathways, and the use of genetics and genomics as tools to develop therapeutics. The change in the act of neurology from an indicative to a diagnostic to a therapeutic specialty has empowered neurologists to settle on progressively critical choices and suggestions for patients. The new activity has recognized

needs for examine that could, inside the following 10 years, significantly enhance the lives of individuals in danger of or living with neurological scatters.

References:

1. <https://www.centerwatch.com/drug-information/fda-approved-drugs/therapeutic-area/10/neurology>
2. [https://www.thelancet.com/journals/laneur/article/PIIS1474-4422\(11\)70179-X/fulltext](https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(11)70179-X/fulltext)
3. <http://cp.neurology.org/content/1/1/49>