

PRESS RELEASE

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Global unity and alliance Brain Mapping and Therapeutics will be achieved in Germany during the G20 Summit at 4th Annual G20 BRAIN Initiative/Neuroscience-20 summit

Los Angeles, CA, Fraunhofer IME, Uskudar University , the Society for Brain Mapping and Therapeutics (SBMT), Brain Mapping Foundation (BMF), National Center for NanoBioElectronic (NCNBE) have come together in Hamburg, Germany during the G20 Summit to expand global cooperation and partnership on clinical translational neuroscience through Neuroscience-20 (N20) Initiative. The scientists call for global collaboration, partnership, data-sharing, and more allocation of funds to combat enormous economical and human costs of neurological disorders world wide

“Neuroscience-20 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,” said Professor Carsten Claussen, Director of the Fraunhofer Institute for Molecular Biology and Applied Ecology IME, division ScreeningPort in Hamburg, a member of SBMT and Vice-Chairman of the 4th Annual N20 in Hamburg Germany.

On July 5th 2017, world’s leading physicians, engineers, neurosurgeons, basic and clinical scientists are gathering at the 4th Annual N20 at the Empire Riverside Hotel, Hamburg, Germany.

“Uskudar University is truly honored to jointly sponsor this remarkable gathering of global thought-leaders in Germany; we are looking forward to building multilateral partnership with scientists worldwide through N20” Said Professor Nevzat Tarhan, President of Uskudar University, President of SBMT-Turkey and Vice-Chairman of the N20.

The 4th 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 rapidly introduce new diagnostics and therapeutics.

“The human and financial cost of the neurological disorders to the world is enormous; the cost of care of near 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

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FRAUNHOFER INSTITUTE FOR MOLECULAR BIOLOGY AND APPLIED ECOLOGY IME

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 was a country, it would be number 18 on the Gross Domestic Product (GDP)".

SBMT has been on 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; the registration for N20 summit will be closed on July 4th 2017.

For more details about the program, you can contact Vice President of Brain Mapping Foundation, Ret. Navy Commander Dr. Ken Green at Ken.Green@WorldBrainMapping.Org

About SBMT: www.WorldBrainMapping.Org

About BMF: www.BrainMappingFoundation.Org

About Uskudar University: <http://www.uskudar.edu.tr/en>

About the Fraunhofer Institute for Molecular Biology and Applied Ecology IME

The Fraunhofer IME conducts research in the field of applied life sciences from a molecular level to entire ecosystems, in the areas of pharmacy, medicine, chemistry, agriculture, as well as environmental and consumer protection. Our mission is the development and use of novel technologies for diagnosis and therapy of human and animal diseases as well as the protection of crop plants and food sources.

The IME's interdisciplinary organization features laboratories with state-of-the-art infrastructure, including GMP production facilities and complex facilities for environmental simulations, allowing a wide spectrum of research and development services in the divisions of Molecular Biology and Applied Ecology. We aim at taking innovative products closer towards the market, develop enabling technologies and provide scientific services to partners from academic institutions and industry.

Since 2014 the IME-ScreeningPort with its labs in Hamburg, Germany, is part of the institute. For more information, see

www.ime.fraunhofer.de/en/businessareasMB/screeningport.html

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