

# Cognetivity Neurosciences to Present Key Research Data Demonstrating its AI Platform's Unique Ability to Accurately Detect & Monitor Cognitive Impairment in Multiple Sclerosis Patients

VANCOUVER, Sept. 12, 2019 /CNW/ - Cognetivity Neurosciences Ltd. (the "**Company**" or "**Cognetivity**") (CSE: CGN; FWB:1UB; OTCQB: CGNSF) announced that results from its research into the use of the company's Integrated Cognitive Assessment in the detection of early stage cognitive impairment associated with Multiple Sclerosis (MS) are to be presented at the 35th congress of the European Committee For Treatment and Research In Multiple Sclerosis (ECTRIMS), held in Stockholm, Sweden. The presentation will be at 12:15 on the 13<sup>th</sup> of September 2019 at Stockholmsmässan, 125 80 Stockholm, Sweden.

In a poster presentation titled 'Using ICA, an artificial intelligence (AI) assisted technology as a *digital biomarker* of MS disease progression and treatment efficacy', Cognetivity's Chief Scientific Officer, Dr. Seyed-Mahdi Khaligh-Razavi, will present results from the company's MS study, showing the scientific validity of the ICA as a novel digital biomarker for the detection of cognitive impairment in populations of Multiple Sclerosis patients, both to assist in the diagnosis of the condition and as a tool for monitoring the effectiveness of treatment programs. The results include demonstration of the effectiveness of the ICA in discriminating between MS patients and healthy subjects, as well as a strong relationship between ICA scores and levels of a blood biomarker indicator for neuronal damage, neurofilament light, particularly in tracking patient recovery throughout a course of rehabilitation.

"Our latest research data clearly validates our approach of using the ICA platform for cognitive assessment in MS, and shows the platform's ability to closely monitor patients' treatment and recovery, something that is often difficult to achieve cheaply and reliably." said Cognetivity's CEO, Dr. Sina Habibi. "With a simple 5-minute iPad test which can be administered in a patient's home, our technology is capable of revealing underlying physical damage to brain cells without the need for any invasive measurement such as blood or spinal fluid sampling. It represents a major development for clinicians tasked with reliably detecting and regularly monitoring cognitive ability in MS patients in order to direct the most effective treatment to sufferers."

Cognitive impairment is increasingly recognized to be a core feature of MS, with significant implications for management of the disease. There are an estimated 2.3 million sufferers worldwide and the global therapeutics market for MS is estimated to reach US \$24.8 billion by 2024.

The 35th Congress of the European Committee for Treatment and Research in Multiple Sclerosis is world's largest annual International Congress devoted to basic and clinical Research in Multiple Sclerosis. Select attendees of the ECTRIMS meeting include leading global pharmaceutical companies Merck, Novartis, Roche and Sanofi and leading academics from the field of MS research from institutions such as Cambridge University, Harvard Medical School, Massachusetts General Hospital, University College London and UCSF.

## **About Cognetivity Neurosciences Ltd.**

Cognetivity is a technology company developing a cognitive testing platform, the Integrated Cognitive Assessment (ICA) for use in medical and commercial environments. Cognetivity's ICA uses Artificial Intelligence and machine learning techniques to help detect the earliest signs of impairment by

testing the performance of large areas of the brain, potentially allowing early diagnosis of dementia. Cognetivity aims to develop the ICA through planned clinical studies to the market in North America and Europe.

For more information please visit – [www.cognetivity.com](http://www.cognetivity.com)

## **ON BEHALF OF THE BOARD**

*"Sina Habibi"*

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Sina Habibi  
Chief Executive Officer and Director

### **FORWARD LOOKING STATEMENTS:**

The forward-looking information contained in this press release is made as of the date of this press release and, except as required by applicable law, the Company does not undertake any obligation to update publicly or to revise any of the included forward-looking information, whether as a result of new information, future events or otherwise, except as may be required by law. By its very nature, such forward-looking information requires the Company to make assumptions that may not materialize or that may not be accurate. This forward-looking information is subject to known and unknown risks and uncertainties and other factors, which may cause actual results, levels of activity and achievements to differ materially from those expressed or implied by such information.

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