

# Cognetivity Neurosciences Collaborating With Baylor College of Medicine in Ground-Breaking Study on OCD

## The Company's CognICA(TM) Tool to be Deployed in Baylor College of Medicine's Pivotal Study Involving the World's Largest Ethnically-Diverse Population with Obsessive Compulsive Disorder

Vancouver, British Columbia--(Newsfile Corp. - September 13, 2022) - **Cognetivity Neurosciences Ltd. (CSE: CGN) (OTCQB: CGNSF) (FSE: 1UB) (the "Company" or "Cognetivity")**, a technology company that has created a unique brain health screening platform for use in medical, commercial and consumer environments, is pleased to announce that its Integrated Cognitive Assessment ("ICA") technology in the form of the FDA-registered CognICA™, will be deployed in a multicenter clinical study (the "**Study**") conducted by the prestigious Baylor College of Medicine ("**Baylor**") located in Houston, Texas. It will aim to understand how genetic factors influence the risk of developing obsessive-compulsive disorder ("**OCD**") in Latin American individuals.

The Study will utilize the CognICA™ platform's unique capabilities to help quantify subtle variations in cognition in those affected by the disease to help Baylor researchers understand whether specific genetic variants are responsible for the more clinically significant symptoms and thus identify treatment targets. OCD and related disorders are of major public health importance owing to their profound personal and societal costs. OCD alone represents 5.7% of the overall costs of mental illness<sup>1</sup> that is projected to rise to \$6 trillion by 2030<sup>2</sup>. The Study is being conducted across the USA and Latin America and will involve 5,000 individuals from Latin America, which is the world's largest ancestrally-diverse sample of OCD cases.

Dr. Eric Storch, Chief Investigator at Baylor, commented, "Overall, the Study will improve our understanding of the causes of OCD, with a view towards improving sufferer's lives and reducing the incidence and impact of this disease. Using Cognetivity's powerful CognICA™ platform and its ability to sensitively and repeatedly measure cognitive function, regardless of linguistic and cultural differences, gives researchers the precise tool they need to better understand how patients' cognitive performance changes in various stages of OCD in a way that has up to now been impossible."

Cognetivity's Chief Medical Officer Dr. Chris Kalafatis commented, "We are delighted to be collaborating with the Baylor College of Medicine in a world-first investigation of the interplay between genetics and the clinical manifestations of OCD. As we continue to commercialize the CognICA™ platform, these types of unique and vitally important deployments not only help prove out the unique capabilities of our platform for both clinical work and research, but also provide us with large amounts of high quality data that can be used to fine tune and further add to the technology, thereby widening the scope for new and compelling future applications." Dr. Kalafatis added, "The scope for our technology to help address the massively growing problem of mental health is enormous and making help accessible to as many people as possible is a huge part of our mission at Cognetivity."

### About Cognetivity Neurosciences Ltd.

Cognetivity is a technology company that has created a cognitive testing platform for use in medical, commercial and consumer environments. Cognetivity's CognICA™ uses Artificial Intelligence and

machine learning techniques to help detect the earliest signs of cognitive impairment by testing the performance of large areas of the brain. CognICA™ is currently available for clinical use in the USA, UK, Europe, and UAE with regulatory approval for other regions planned for 2022.

## **About Baylor College of Medicine**

Baylor College of Medicine ([www.bcm.edu](http://www.bcm.edu)) in Houston is recognized as a health sciences university and is known for excellence in education, research and patient care. It is ranked 22<sup>nd</sup> among medical schools for research and 17<sup>th</sup> for primary care by *U.S. News & World Report*. Baylor is listed 20<sup>th</sup> among all U.S. medical schools for National Institutes of Health funding and No. 1 in Texas. The Baylor pediatrics program ranked 7<sup>th</sup> among all pediatric programs, reflecting the strong affiliation with Texas Children's Hospital where our faculty care for pediatric patients and our students and residents train. Nationally our physician assistant program was ranked 3<sup>rd</sup> in the health disciplines category and our nurse anesthesia program ranked 2<sup>nd</sup>. Located in the Texas Medical Center, Baylor has affiliations with seven teaching hospitals and jointly owns and operates Baylor St. Luke's Medical Center, part of St. Luke's Health. Currently, Baylor has more than 3,000 trainees in medical, graduate, nurse anesthesia, physician assistant, orthotics and genetic counseling as well as residents and postdoctoral fellows. Follow Baylor College of Medicine on Facebook (<http://www.facebook.com/BaylorCollegeOfMedicine>) and Twitter (<http://twitter.com/BCMHouston>).

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ON BEHALF OF THE BOARD

"Sina Habibi"  
Sina Habibi  
Chief Executive Officer and Director

## **FORWARD-LOOKING STATEMENTS:**

Certain statements included in this news release constitute forward-looking information or statements (collectively, "forward-looking statements"), including those identified by the expressions "anticipate", "assume", "believe", "plan", "estimate", "expect", "intend", "may", "should" and similar expressions to the extent they relate to the Company or its management. The forward-looking statements are not historical facts but reflect current expectations regarding future results or events. This news release contains forward-looking statements. These forward-looking statements are not guarantees of future performance and involve risks, uncertainties and assumptions which are difficult to predict. Such statements are based on current expectations and various estimates, factors and assumptions and involve known and unknown risks, uncertainties and other factors. Such statements and information are based on numerous assumptions regarding present and future business strategies and the environment in which the Company will operate in the future. The Company assumes no responsibility to update or revise forward-looking information to reflect new events or circumstances unless required by law. Readers should not place undue reliance on the Company's forward-looking statements.

**The Canadian Securities Exchange does not accept responsibility for the adequacy or accuracy of this release.**

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<sup>1</sup> DuPont RL, Rice DP, Shiraki S, Rowland CR. Economic costs of obsessive-compulsive disorder. *Med Interface* 1995;8:102-9

<sup>2</sup> *Lancet Global Health* [VOLUME 8, ISSUE 11](#), E1352, NOVEMBER 01, 2020



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