



## NEWS RELEASE

### **LEXSTON ANNOUNCES THE LAUNCH OF A PSYCHEDELIC MUSHROOMS GENETIC IDENTIFICATION TEST**

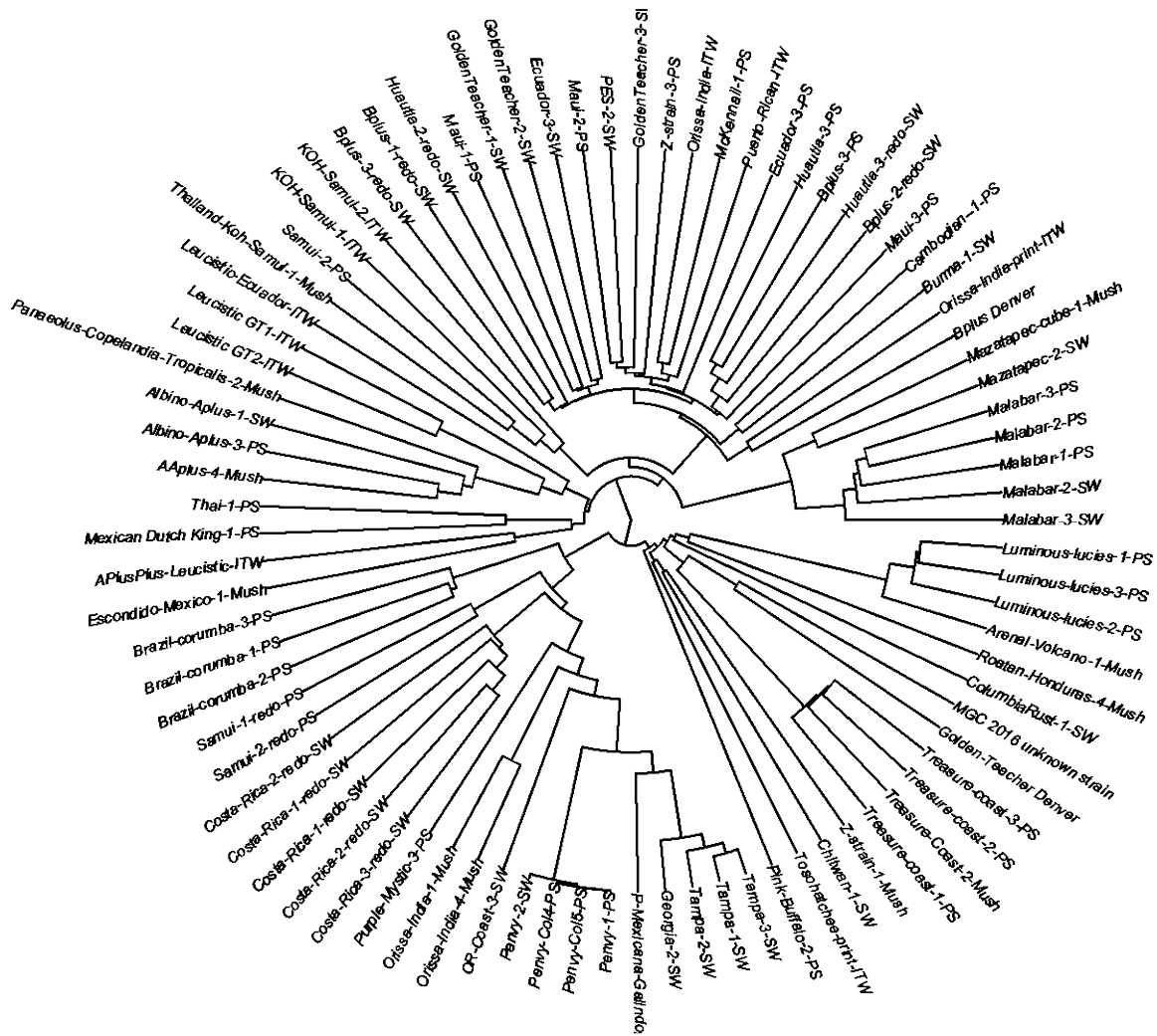
**Vancouver, British Columbia, January 24, 2022.** Lexston Life Sciences Corp. (the “**Company**” or “**Lexston**”) (CSE: LEXT) (OTCQB: LEXTF) is pleased to announce that the Company’s wholly owned subsidiary, Egret Bioscience Ltd. (“**Egret**”) has developed and validated a targeted genetic barcode consisting of eight Single Nucleotide Polymorphism (“**SNP**”) for psychedelic mushroom genetic identification (“**Egret Psilocybe Assay**”). Egret has previously developed and published similar genetic identification tests for the Cannabis Industry (<https://t.co/rh1VJ5cf0a>) and have been offering this service to licensed producers through its affiliated licensed lab, Zenalytic Laboratories Ltd.

In early January, the Controlled Substances Directorate of Health Canada amended their regulations to allow practitioners to prescribe restricted drugs, such as psilocybin and psilocin through the Special Access Program (“**SAP**”) for patient with treatment resistant depression and other debilitating illnesses that have failed to respond to conventional treatments. As with other restricted drugs, Health Canada has mandated a stringent quality control and compliance routine testing for every batch destined for the SAP. One of the key requirements put in place by the regulator is the requirement for a genetic identity test.

“Our team has been steadfast at work to develop and implement validated state-of-the-art methods for genetic identification of psychedelic mushrooms. Our assay provides the first of its kind *Psilocybe* genetic barcode, a rapid and efficient diagnostic test able to provide individual genetic strain identification and differentiate strains from the main groups of *Psilocybe* mushrooms, in particular *P. cubensis*, *P. tampanensis* and *P. mexicana (P. galindoi)*. This traceability and authentication tool will be paramount in establishing best practice for the psychedelic industry.” Stated Jag Bal, CEO and Director of Lexston.

929 Mainland Street  
Vancouver, BC V6B 1S3

Phone (604) 928-8913  
Fax (604) 628-0129  
Email [admin@lexston.net](mailto:admin@lexston.net)  
Website [www.lexston.ca](http://www.lexston.ca)



Phylogenetic tree showing the relationship between 84 psychedelic mushroom samples from which the Egret genetic barcode was developed. Reproduced from data made available by McKernan and colleagues (2021; <https://doi.org/10.12688/f1000research.55301.2>). Of particular note, the more potent *P. cubensis* accessions such as **P. Envy** cluster closely to the *P. azurescens*, *P. tampanensis* and *P. mexicana* accessions.

For more information and to subscribe to the Company's mailing list, please visit <https://lexston.ca/contact/>.

**About Lexston Life Sciences Corp.**



Lexston Life Sciences Corp. is a Canadian biotechnology company providing cannabis testing and research services. Lexston is also in the process of securing licensing under the exemptions prescribed by section 56 of the Controlled Drugs and Substances Act (Canada) to enable the expansion of its services into the psychedelic industry with an initial focus on the detection and quantification of psychedelic molecules in the lab and point of care. Lexston intends to develop and validate methods for standardized manufacturing of plant derived psychedelics in support of burgeoning trials in the field of mental health and wellness.

On Behalf of the Board of Directors  
LEXSTON LIFE SCIENCES CORP.

Jagdip Bal Chief Executive Officer  
Telephone: (604) 928-8913

### **Forward-Looking Statements**

This news release contains forward-looking statements and information within the meaning of applicable securities legislation. Often, but not always, forward-looking statements and information can be identified by the use of words such as “plans”, “expects” or “does not expect”, “is expected”, “estimates”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. Forward looking statements or information involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance, or achievements of LEXT to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements or information contained in this news release.

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