Form 51–102F3 MATERIAL CHANGE REPORT

Item 1. Name and Address of Company

Bright Minds Biosciences Inc. (the "**Company**") 19 Vestry Street New York, NY 10013

Item 2. Date of Material Change

June 21, 2023

Item 3. News Release

News release dated June 22, 2023 was disseminated and filed on SEDAR.

Item 4. Summary of Material Change

The Company announced it intends to consolidate its common shares on a five (5) to one (1) basis.

Item 5.1 Full Description of Material Change

On June 22, 2023, the Company announced that it intends to consolidate its common shares (the "**Common Shares**") on a five (5) to one (1) basis (the "**Consolidation**"). The Consolidation has been approved by the Company's board of directors in accordance with the Articles of the Company.

The Company currently has 18,860,359 Common Shares issued and outstanding. Following the completion of the Consolidation, the Company is expected to have approximately 3,772,071 Common Shares issued and outstanding, subject to rounding for fractional Common Shares. The exercise price and number of Common Shares issuable upon the exercise of the Company's outstanding options and warrants will also be proportionally adjusted upon completion of the Consolidation.

The Consolidation is being undertaken to increase the Company's attractiveness to investors and to provide the Company with a path to regain compliance with the Nasdaq Stock Market LLC minimum bid price requirement set forth in Nasdaq Listing Rule 5550(a)(2), as disclosed in the Company's news release dated January 27, 2023.

The Consolidation is subject to acceptance from the Canadian Securities Exchange, which will be evidenced by the dissemination of a bulletin advising of the date of the Consolidation.

Item 5.2. Disclosure for Restructuring Transactions

Not applicable.

Item 6. Reliance on subsection 7.1(2) of National Instrument 51–102

Not applicable.

Item 7. Omitted Information

No information was omitted.

Item 8. Executive Officers

The following senior officer of the Company is knowledgeable about the material change and this Material Change Report and may be contacted:

lan McDonald Chief Executive Officer Telephone: (647) 407-2515

Item 9. Date of Report

June 22, 2023

Cautionary Statement Regarding Forward Looking Information

This Material Change Report includes certain statements that may be deemed "forward-looking statements". All statements in this new release, other than statements of historical facts, that address events or developments that the Company expects to occur, are forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "plans", "anticipates", "believes", "intends", "estimates", "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur. Forward-looking statements in this Material Change Report include, without limitation, statements related to the completion of the Consolidation and the Company regaining compliance with NASDAQ Listing Rule 5550(a)(2). Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include market prices, continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Forward-looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made. Except as required by applicable securities laws, the Company undertakes no obligation to update these forward-looking statements in the event that management's beliefs, estimates or opinions, or other factors, should change.