



Filament
Health

Filament Health Corp.
Management's Discussion and Analysis

For the year ended December 31, 2023
(Expressed in Canadian Dollars)

Filament Health Corp.**Management's Discussion & Analysis**

For the year ended December 31, 2023

(Expressed in Canadian Dollars)

This Management's Discussion and Analysis ("MD&A") should be read in conjunction with the consolidated financial statements and notes thereto of Filament Health Corp. ("Filament" or the "Company") for the year ended December 31, 2023. The consolidated financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS"), and as issued by the International Accounting Standards Board ("IASB"), interpretations of the IFRS Interpretations Committee ("IFRIC").

Information contained herein is presented as of April 2, 2024, unless otherwise indicated. Additional information related to Filament is available on SEDAR+ at www.sedarplus.ca and on the Company's website at www.filament.health.

The Company's Board of Directors approved the release of this Management's Discussion and Analysis on April 2, 2024.

FORWARD LOOKING INFORMATION

Certain statements and information contained herein may constitute "forward-looking statements" and "forward-looking information," respectively, under Canadian securities legislation. Generally, forward-looking information can be identified by the use of forward-looking terminology such as, "expect", "anticipate", "continue", "estimate", "may", "will", "should", "believe", "intends", "forecast", "plans", "guidance" and similar expressions are intended to identify forward-looking statements or information. The forward-looking statements are not historical facts, but reflect the current expectations of management of Filament regarding future results or events and are based on information currently available to them. Certain material factors and assumptions were applied in providing these forward-looking statements.

Forward-looking statements regarding the Company are based on the Company's estimates and are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, levels of activity, performance or achievements of Filament to be materially different from those expressed or implied by such forward-looking statements or forward-looking information, including capital expenditures and other costs. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. Filament will not update any forward-looking statements or forward-looking information that are incorporated by reference herein, except as required by applicable securities laws. For more information on forward-looking information, please refer to page 25 of this MD&A.

CORPORATE OVERVIEW

Filament was incorporated pursuant to the provisions of the Business Corporations Act (British Columbia) on June 8, 2020. The Company is a public company with its registered and records office at the address of 210 – 4475 Wayburne Drive, Burnaby, British Columbia, V5G 4X4. The Company's common shares are listed for trading on the NEO Exchange ("NEO") under the symbol "NEO:FH", the OTCQB Exchange under the symbol "OTCQB:FLHLF" and the Frankfurt Exchange under the symbol "FSE:7QS".

Filament Health is a clinical-stage natural psychedelic drug development company. We believe that safe, standardized, naturally-derived psychedelic medicines can improve the lives of many, and our mission is to see them in the hands of everyone who needs them as soon as possible. Filament's platform of proprietary intellectual property enables the discovery, development, and delivery of natural psychedelic medicines for clinical development. We are paving the way with the first-ever natural psychedelic drug candidates.

2023 FINANCIAL AND BUSINESS HIGHLIGHTS

- On October 6, 2023, the Company announced that it had received authorization from Health Canada for a phase 2 clinical trial at the University of British Columbia to study the effects of PEX010 for the treatment of opioid use disorder ("OUD").
- On September 29, 2023, the Company announced that it intends to complete, subject to regulatory approval, a non-brokered private placement for gross proceeds of up to C\$2,000,000. This private placement has not closed.
- On September 21, 2023, the Company announced that Magdalena Biosciences, a joint venture formed by Filament and Jaguar Health (NASDAQ:JAGX) successfully completed an import of coca leaf to Filament's research and development facility. The imported leaves were received by Psilo Scientific, a wholly-owned subsidiary of Filament Health, and will be used for initial research purposes to look at neuropsychiatric indications.
- On August 31, 2023, the Company announced it had entered into a licensing agreement with Reset Pharmaceuticals Inc. ("Reset") to license PEX010 and its associated IP to Reset for use in a phase 2 clinical trial for the treatment of demoralization syndrome.
- On August 15, 2023, the Company and Jupiter Acquisition Corporation (NASDAQ:JAQC) ("Jupiter"), a special purpose acquisition company ("SPAC"), announced the filing of a registration statement by 1427702 B.C. Ltd. ("TopCo") on Form F-4 (the "Registration Statement"), which contains a preliminary proxy statement/prospectus, with the U.S. Securities and Exchange Commission ("SEC") in connection with the proposed Business Combination announced July 19, 2023. The Registration Statement and the information contained therein provides important information about TopCo's proposed business and listing of securities, Filament's drug development program, licensing partnerships, intellectual property, vertically integrated manufacturing capabilities, and research and development program, as well as the proposed Business Combination, and the proposals to be considered by SPAC's shareholders. On December 19, 2023, the proposed Business Combination with Jupiter was terminated.
- On August 8, 2023, the Company announced approval from the United States Food and Drug Administration ("FDA") for two clinical trials at leading American research institutions studying the effects of PEX010 for the treatment of mental health conditions.
- The trial at Washington School of Medicine is studying PEX010 for the treatment of cancer-related anxiety in patients with metastatic cancer and is underway, having dosed 5 patients.
- The trial at the University of California, Los Angeles ("UCLA") will examine the effects of joining psilocybin treatment with cognitive-behavioural therapy ("CBT") for patients with depression.
- On July 24, 2023, the Company announced it has upsized and closed on the private placement financing announced July 19, 2023, for gross proceeds of C\$2,500,000. The Offering was completed by way of non-brokered private placement of 27,777,781 units (the "Units") at a price of \$0.09 per Unit and led by Negev Capital, a psychedelic medical intervention investment fund. The net proceeds of the Offering will be used for the initiation of patient recruitment for the Company's Phase 2 Methamphetamine Use Disorder clinical trial that has already received FDA approval as well as other general corporate purposes.
- On July 19, 2023, the Company and Jupiter, a special purpose acquisition company formed for the purpose of acquiring or merging with one of more businesses, today announced they have entered into a definitive agreement, dated July 18, 2023, for a proposed business combination (the "Business Combination") to create a new public holding company representing the combined business ("Pubco") that is expected to be listed on Nasdaq.

2023 FINANCIAL AND BUSINESS HIGHLIGHTS (continued)

- On July 19, 2023, the Company announced that it intends to complete, subject to regulatory approval, a non-brokered private placement for gross proceeds of up to C\$2,000,000.
- On July 14, 2023, the Company announced a change of auditor from Crowe MacKay LLP to MNP LLP.
- On July 6, 2023, the Company announced that it will supply psilocybin for two clinical trials which have received The Canadian Institutes of Health Research ("CIHR") Operating Grants for Psilocybin-assisted Psychotherapy for Mental Health and Substance Use Disorders. The clinical trials will study the effects of Filament's botanical psilocybin drug candidate, PEX010, for alcohol use disorder and treatment resistant depression.
- On June 30, 2023, the Company announced that it had entered into an exclusive global licensing agreement with NeoLumina Bioscience Inc. ("NeoLumina") to license PEX010, and associated intellectual property, to NeoLumina for clinical and commercial development related to eating disorders.
- On May 30, 2023, the Company announced interim safety reporting from its Phase I clinical trial in partnership with the University of California, San Francisco ("UCSF")'s Translational Psychedelic Research Program ("TrPR") and that four healthy subjects have been dosed with Filament's botanical psilocybin drug candidate, PEX010, as well as the Company's botanical psilocin drug candidates, PEX020 and PEX030. Dr. Joshua Woolley, MD/Ph.D., director of TrPR and the study's Principal Investigator stated that the drug has been well tolerated and the clinical trial will continue as planned.
- On May 18, 2023, the Company hosted a virtual update for investors and shareholders led by Benjamin Lightburn, CEO, and Ryan Moss, CSO.
- On May 17, 2023, the Company announced the completion of the first-ever Nagoya Protocol-compliant import of Tabernanthe iboga root from Gabon.
- On April 11, 2023, the Company and PharmAla Biotech Holdings Inc. (CSE:MDMA) ("PharmAla") announced the GMP release of MDMA capsules at Filament's research and development facility, operated by Filament's subsidiary Psilo Scientific.
- On March 15, 2023, the Company announced FDA approval of a Phase 2 clinical trial studying psilocybin for methamphetamine use disorder.
- On February 14, 2023, the Company announced its second psilocybin supply agreement with the Center for Addiction and Mental Health (CAMH) for a clinical trial for amnesic mild cognitive impairment.
- On January 18, 2023, the Company announced a clinical trial approval in partner with Psychiatric Centre Copenhagen to study psilocybin for alcohol use disorder.
- On January 10, 2023, the Company announced an agreement with Jaguar Health to form a joint venture, Magdalena Biosciences, with funding from One Small Planet. The purpose will be to develop novel, natural prescription medicines for mental health indications.

2022 FINANCIAL AND BUSINESS HIGHLIGHTS

- On December 30, 2022, the Company announced a change to its Board of Directors, with Greg Mills stepping down as Chair and Ben Lightburn, CEO, to become Chair. Dr. Konstantin Adamsky will also join Filament's audit Committee, compensation committee and corporate governance and nominating committee.
- On December 15, 2022, the Company announced a worldwide licensing agreement with Psyence for the rights to commercialize its 25mg psilocybin capsule within palliative care.
- On November 30, 2022, the Company announced two new patents from the United States Patent and Trademark Office for the extraction and standardization of natural psilocybin, bringing their total patents to 10.
- On November 17, 2022, the Company announced a psilocybin supply agreement with the Center for Addiction and Mental Health (CAMH) for a clinical trial for treatment resistant depression.
- On September 1, 2022, the Company and ATMA Journey Centers announced the dosing of 14 subjects in a Health Canada approved psilocybin trial.
- On August 24, 2022, the Company appointed new members to the Board of Directors and Advisory Council. Dr. Konstantin Adamsky joins the Board of Directors and Jeff Clinton joins the Advisory Council.
- On August 17, 2022, the Company announced its eighth patent issuance.
- On July 28, 2022, the Company announced participation in Project Solace, led by Canadian non-profit, Therapsil.
- On July 13, 2022, the Company announced closing of a non-brokered private placement for gross proceeds of C\$2,500,080 (the "July 2022 Financing").
- On July 12, 2022, the Company announced that it was issued a third patent by the United States Patent and Trademark Office ("USPTO") for the extraction and standardization of natural psilocybin and associated psychedelic compounds. Upon issuance, Filament holds seven patents including four in Canada and three in the United States.
- On July 7th, 2022, the Company announced the beginning of dosing in the first United States Food and Drug Administration ("FDA")-approved clinical trial studying the effects of naturally derived psychedelic drug candidates.
- On July 6, 2022, the Company announced that it was issued a fourth patent by the Canadian Intellectual Property Office ("CIPO"), and sixth patent overall, for the extraction and standardization of natural psilocybin and associated psychedelic compounds.
- On June 28, 2022, The Company announced the results of its Annual General Meeting, noting that all proposed resolutions were approved, and all board nominees were re-elected.
- On June 16, 2022, the Company announced that a patient was dosed with one of Filament's drug candidates through the Health Canada Special Access Program.
- On June 10, 2022, the Company cultivated its 70th variety of psilocybin-containing mushrooms and the successful development of standardized, pharmaceutical-grade ayahuasca extract which has been designed for oral administration by capsule or tablet.

2022 FINANCIAL AND BUSINESS HIGHLIGHTS (continued)

- On June 9, 2022, Filament and Jaguar Health executed a letter of intent to enter into a collaboration agreement to develop botanical drugs for specific psychoactive target indications in the United States.
- On May 18, 2022, the Company announced that it was issued a second patent by the USPTO, and fifth patent overall, for the extraction and standardization of natural psilocybin and associated psychedelic compounds.
- On April 27, 2022, the Company announced that it was issued a third patent by the CIPO, and fourth patent overall, for the extraction and standardization of natural psilocybin and associated psychedelic compounds.
- On April 19, 2022, the Company announced that it had entered into a licensing agreement with Psyence Group Inc. ("Psyence") to license PEX010 and its associated IP to Psyence for use in Psyence's upcoming clinical trials in the field of palliative care, which will initially be conducted in the United Kingdom. The license also grants Psyence exclusivity in the United Kingdom for the indications of anxiety and depression, and associated ailments, within the context of palliative care.
- On April 13, 2022, the Company announced that it was issued a patent by the USPTO, its first patent issued in the United States, and fourth patent overall, for the extraction and standardization of natural psilocybin and associated psychedelic compounds.
- On March 23, 2022, the Company announced that it has been issued a second patent by the Canadian Intellectual Property Office ("CIPO") for the extraction and standardization of natural psilocybin and associated psychedelic compounds.
- On March 1, 2022, the Company received a shipment of psychoactive mushrooms from a private Company located in Uruguay.
- On February 23, 2022, the Company announced that it has entered into a licensing agreement with ATMA Journey Centers to provide PEX010 (25 mg) for its Phase I safety trial which has obtained Health Canada approval.
- On January 26, 2022, the Company announced Psilo's inclusion in a Health Canada list of licensed psilocybin producers that is available upon request to parties interested in access to psilocybin through the Special Access Program or for scientific research.
- On January 14, 2022, the Company announced that it had entered into a licensing agreement with Cybin Therapeutics to provide PEX010 for two of Cybin Therapeutics' upcoming Phase II clinical trials. On January 31, 2022, the Company announced that Cybin Therapeutics obtained Health Canada approval for their Phase II clinical trial and that the trial will include individuals with major depressive disorder who are undergoing selective serotonin reuptake inhibitor ("SSRI") therapy, as well as those who are SSRI-naïve.
- On January 4, 2022, the Company announced that it has partnered with the Canadian Centre for Psychedelic Science and the University of Toronto to provide PEX010 for its Phase II clinical trial.
- On January 4, 2022, the Company also announced that Health Canada has approved the aforementioned Phase II clinical trial and that the trial will examine the effects of low doses of PEX010 (1 milligram) in healthy subjects with persistent depressive disorder.

BUSINESS DESCRIPTION

Filament Health Corp. is a clinical-stage botanical psychedelic drug development company. Our mission is to see safe, approved, natural psychedelics in the hands of everyone who needs them, as soon as possible. Filament believes that psychedelic medicines may be a catalyst to addressing many of the world's mental health problems, and that natural psychedelics may provide an optimal option for widespread adoption of these substances.

Since our inception, we have concentrated our efforts on building a comprehensive platform which supports the treatment of mental health conditions and substance use disorders through the administration of natural psychedelic drug candidates whose safety and efficacy would be supported by the U.S. Food and Drug Administration ("FDA") authorized human clinical trials and ultimately approved to be marketed.

Filament seeks to leverage its natural botanical extraction technology, manufacturing expertise and clinical candidate development, utilizing its intellectual property portfolio, in-house good manufacturing practices ("GMP") facility, and Health Canada Dealer's License for controlled natural psychedelics. Filament has manufactured standardized, stable botanical psychedelic drug candidates including oral psilocybin (PEX010), as well as oral and sublingual psilocin (PEX020 and PEX030, respectively). These drug candidates are currently being administered in FDA, European Medicines Agency ("EMA"), and Health Canada authorized human clinical trials within Filament's internal drug development program, as well as through licensing agreements and academic agreements.

Internal Drug Discovery and Development

Filament's internal drug discovery and development program is carried out by its wholly owned subsidiary, Psilo, and is focused on developing standardized pharmaceutical-grade drug candidates from botanical psychedelic biomass. Psilo's core technologies are focused on: (i) methods and systems for extracting psychoactive components from fungi; (ii) stabilization and formulation of psychoactive compounds; and (iii) delivery of alkaloid compounds.

Psilo operates out of a vertically integrated research and manufacturing facility with a fully operational mycology lab, production facility and head office. Psilo holds a Health Canada Dealer's License and is conducting its manufacturing processes under GMP conditions with current capacity of over 2,000 therapeutic psilocybin doses per month.

Filament has manufactured standardized, stable psychedelic candidates, including oral psilocybin as well as oral and sublingual psilocin, a notoriously unstable molecule. These drug candidates are currently being dosed under an IND accepted by the in an FDA authorized, which is believed to be Phase I clinical trial which is the first human clinical trial using naturally sourced psychedelic substances.

In addition, this trial is the first known direct administration of psilocin rather than its prodrug psilocybin. Other manufacturers have been able to produce a stable formulation of psilocin and enter it into a clinical trial. As a result of the need for psilocybin to convert into psilocin before becoming active in the human body, the direct administration of psilocin may yield several therapeutic benefits such as faster onset time, greater consistency, increased bioavailability, and lessened side effects.

Through experimentation, Psilo has come to believe that there are few viable methods to extract the psychoactive alkaloids from natural sources on a commercial scale and has obtained twenty-three (23) granted seven patents, as well has forty-five (45) pending patent filings for the protection of these methods. Filament believes this protection may provide an advantage over others wishing to commercialize similar extracts.

BUSINESS DESCRIPTION (continued)

Licensing Agreements

Filament is also focused on expanding its partnership network, with the goal of enabling the Company to benefit from other avenues of commercialization that may be viable before FDA approval or Canadian drug product marketing authorization. These avenues include, but are not limited to, licensing agreements with other corporate entities, compassionate use exemptions, and sales in other jurisdictions with separate regulatory controls.

Filament has licensed its technology relating to the production of its PEX010 (oral psilocybin) drug candidate to Cybin Therapeutics ("Cybin Therapeutics"), ATMA Journey Centers ("ATMA"), Psyence Biomed Corp ("Psyence"), NeoLumina Bioscience Inc ("NeoLumina") and Reset Pharmaceuticals Inc. ("Reset Pharmaceuticals"), which have generated revenues of over \$700,000 as of December 31, 2023. Licensing the PEX010 drug candidate allows counterparties to take advantage of the natural extraction, purification, and standardization processes that are encompassed within Filament's intellectual property portfolio. In addition, supplying third-party companies with Filament's drug candidates provides the Company with exposure to multiple indications, and creates the potential to generate revenues from future operating milestones and royalty fees upon successful commercialization.

Filament also leverages partnerships with academic researchers and institutions to accumulate safety and efficacy data for its drug candidates. This data is used in Filament's internal drug development program in exchange for supply of naturally derived psychedelic drug products. Additionally, Filament obtains an advanced data preview of the trial results, which provides Filament with clinical data in non-core indications. Filament views these agreements as an effective pipeline into other indications, which Filament may choose to develop further in the future.

As of November 13, 2023, Filament has agreements for clinical trials of Filament's leading drug candidate, PEX010 (1 mg, 5 mg, and 25 mg), in clinical trials in Canada, the United States, and Europe. These clinical trials have been authorized, as indicated in the table below. Indications under examination by these partners include depression and treatment-resistant depression, alcohol use disorder, MAUD, chronic pain, mild cognitive impairment, and existential crisis. Filament retains the safety data from academic trials, which enhances Filament's in-house research and discovery programs.

Health Canada restored access to certain restricted drugs including psilocybin through the Special Access Program ("SAP") on January 5, 2022. The SAP allows health care practitioners to request for patients, on an emergency basis, access to drugs that are not yet approved in Canada. Filament's wholly owned subsidiary Psilo Scientific Ltd. is included in Health Canada's list of licensed psilocybin producers, which is available upon request to parties interested in access to psilocybin through the SAP or for scientific research. On June 16, 2022, Filament announced that a patient was dosed with one of Filament's drug candidates through the SAP, making the Company one of the first to provide psilocybin through the program.

BUSINESS DESCRIPTION (continued)Research and Development

Psilo's core technologies are focused on: (i) methods and systems for extracting psychoactive components from fungi; (ii) stabilization and formulation of psychoactive alkaloid compounds (both fungal and non-fungal derived); and (iii) delivery of alkaloid compounds (both fungal and non-fungal derived). All of these technologies are involved in some aspects of drug candidates used in Filament's clinical trials.

Unlike the vast number of synthetic manufacturing methods, there are a limited number of feasible ways to extract and purify naturally occurring psychedelic compounds. Filament's intellectual property portfolio, which includes twenty-three (23) granted patents and forty-five (45) pending patent filings, is focused on the limited number of known viable extraction and purification methods that exist, as well as specific standardization processes and compositions of matter.

Filament's GMP facility, Health Canada Dealer's License and manufacturing capabilities enable the Company to complete research and development within propagation, extraction, purification, standardization, stabilization, and human delivery methods, which support its intellectual property portfolio. Filament's vertically integrated manufacturing also provides the ability to supply in-house human clinical trials as well as license technology to drug developers, researchers, and other licensed parties.

Filament also has multiple ongoing research programs focused on psychedelic mushroom cultivation and the standardization of additional psychoactive plants.

Drug Candidates

Filament's first three botanical drug candidates are standardized, purified extracts of psilocybe cubensis fruiting bodies include:

- PEX010 Psilocybin - oral delivery (1mg and 25mg)
- PEX020 Psilocin - oral delivery (dose withheld)
- PEX030 Psilocin - sublingual delivery (dose withheld)

PEX010, PEX020 and PEX030 have successfully attained US Food and Drug Administration Botanical Drug classification, a unique development pathway in comparison to isolated natural and synthetic compounds. Filament's PEX010 drug candidate has obtained approval to be administered in clinical trials in Canada, the USA, the United Kingdom and the European Union from Health Canada, the FDA, and other governing bodies.

Filament has also developed the following standardized drug candidates which are in preclinical stage:

- AEX010 Ayahuasca - oral delivery (dose withheld)
- AEX020 Monoamine Oxidase Inhibitor - oral delivery (dose withheld)

Filament does not currently market or sell any products for medical or recreational use. However, Filament has executed multiple agreements and has an active partnership network pipeline of parties relating to the licensing of intellectual property related to the production of extracts for clinical trial drug candidates. Filament is actively marketing manufacturing and intellectual property capabilities to third-party drug developers.

BUSINESS DESCRIPTION (continued)Internal Clinical Trials

Filament has manufactured standardized, stable oral psilocin, sublingual psilocin and oral psilocybin drug candidates that have been authorized by the FDA and are currently being dosed in a Phase I human clinical trial. Filament partnered with the Translational Psychedelic Research ("TrPR") Program at the University of California, San Francisco ("UCSF") to progress its US FDA clinical trials. Filament's research and development program has developed IP-protected botanical drug candidates of oral psilocin, sublingual psilocin and oral psilocybin.

1. FDA Authorized Phase I Trial - First-ever known direct administration of psilocin and first-ever clinical trial using naturally sourced psychedelic substances:
 - *Design* - Designed to include 20 healthy subjects to examine the effects of proprietary botanical drug candidates: PEX010 (oral psilocybin), PEX020 (oral psilocin), and PEX030 (sublingual psilocin);
 - *Timeline* - First dosing occurred July 2022;
 - *Intention* - Compare the direct administration of psilocin to psilocybin to identify whether psilocin yields therapeutic benefits such as faster onset time, greater consistency, increased bioavailability, and lessened side effects; and
 - *First to Market* - To date, synthetic manufacturers have been unable to produce a stable formulation of psilocin and enter it into a clinical trial.
2. Phase II Trial in Methamphetamine Use Disorder (PEX010) - on August 23, 2022, an IND that was opened 30 days later for a Phase 2 clinical trial studying the effect of Filament's PEX010 product, standardized in psilocybin, for the treatment of methamphetamine use disorder ("MAUD"). MAUD is a growing public health emergency that is associated with serious health consequences. In the United States, the prevalence and mortality of MAUD has doubled over the past decade, but available treatments have limited efficacy. The goal of this trial will be to determine the safety, tolerability, and feasibility of psilocybin therapy for people living with MAUD.
3. Phase II Opioid Use Disorder Trial (PEX010) - The trial has been authorized by Health Canada and will study the effects of PEX010 for the treatment of opioid use disorder (OUD). Dr. Christian Schütz, Professor of Psychiatry at UBC, will be the principal investigator for the trial, which will assess the safety and feasibility of delivering psilocybin in the treatment of OUD, and evaluate potential changes in participants' opioid use.

BUSINESS DESCRIPTION (continued)

Licensee Clinical Trials

EntheoTech Bioscience Inc. Clinical Trials

On November 18, 2021, Filament entered into an agreement with EntheoTech to supply psilocybin for their upcoming trials. Under the agreement, Filament will exclusively license its botanical psilocybin drug candidate, PEX010, to EntheoTech for two upcoming clinical trials relating to addiction, chronic pain, and depression. Filament also announced that it would be co-developing psychedelic drug candidates derived from mushrooms grown from EntheoTech's proprietary spore library. The EntheoTech agreement terminated on October 1, 2023.

Cybin Therapeutics Clinical Trials

On January 14, 2021, Filament entered into an agreement with Cybin Therapeutics, a private therapeutic bioscience company on a mission to discover and develop psilocybin assisted therapeutic protocols. Under the agreement, Filament is licensing its botanical psilocybin drug candidate, PEX010, to Cybin Therapeutics for two upcoming phase II clinical trials addressing depression and alcohol use disorder. The agreement also includes the supply of two additional clinical trials.

On January 31, 2022, Cybin Therapeutics announced they obtained Health Canada approval for the first phase II clinical trial. The trial will include individuals with major depressive disorder who are undergoing selective serotonin reuptake inhibitor ("SSRI") therapy, commonly used to treat depression, as well as those who are SSRI-naïve.

Cybin Therapeutics' current clinical program is on hold due to internal capital constraints.

ATMA Journey Centers Clinical Trials

On February 23, 2022, Filament entered into an agreement with ATMA, Canada's first private therapy company to conduct legal psilocybin therapy through the Health Canada Section 56 Exemption, assisting Canadians facing end-of-life distress from terminal illness. Under the agreement, Filament is licensing its botanical psilocybin drug candidate, PEX010, to ATMA for use in clinical trials. The first clinical trial ATMA is pursuing, which was granted a No Objection Letter by Health Canada on January 7, 2022, is a phase I psilocybin safety trial in healthy individuals enrolled in a psychedelic assisted therapy training program. On September 1, 2022, Filament and ATMA announced the dosing of 14 patients in their Health Canada approved clinical trial.

On September 1, 2022, Filament and ATMA announced that 14 healthy subjects were dosed with PEX010 in a Health Canada-approved clinical trial as part of ATMA's psychedelic-assisted therapist training program. Participants in the study described the common experience of feeling "better," "happier," and "lighter" after the psilocybin session. No serious adverse events were reported, and the adverse events experienced were generally mild, expected, and occurred within two days following the psilocybin session.

Psyence Group Inc. Clinical Trial

On April 19, 2022, Filament entered into an exclusive licensing agreement with Psyence Group Inc. Under the agreement, Filament is licensing its botanical psilocybin drug candidate, PEX010, to Psyence for use in clinical trials in the United Kingdom. Psyence is pursuing clinical trials in the field of palliative care. Filament has granted Psyence exclusivity in the United Kingdom for the indications of anxiety and depression, and associated ailments. On December 15, 2022, Filament and Psyence expanded their agreement to grant Psyence the right to commercialize Filament's natural psilocybin product, PEX010, within palliative care.

On December 15, 2022, Filament and Psyence entered into a royalty-bearing, binding term sheet for the commercial licensing of intellectual property from Filament, which is subject to the terms of a definitive licensing agreement, and grants Psyence the worldwide right to commercialize PEX010 within the context of palliative care (the "Psyence Commercial IP Agreement").

BUSINESS DESCRIPTION (continued)Licensee Clinical Trials (continued)*NeoLumina Bioscience Inc.*

On June 30, 2023, Filament announced that it had entered into an agreement with NeoLumina, a company focused on the development and commercialization of novel therapeutics inspired by psychedelics. Under the terms of the agreement, Filament granted an exclusive license of its proprietary botanical psilocybin drug candidate, PEX010, and associated intellectual property, to NeoLumina for clinical and commercial development related to eating disorders.

Reset Pharmaceuticals Inc.

On August 31, 2023, Filament announced that it had entered into an agreement with Reset, a company focused on the development of innovative treatments to address mental health indications related to life-altering diseases. Under the terms of the agreement, Filament granted a license of its proprietary botanical psilocybin drug candidate, PEX010, and associated intellectual property, to Reset for clinical and commercial development related a Phase 2 clinical trial studying demoralization syndrome.

Facility and Health Canada Dealer's License

Filament operates out of a fully operational mycology lab, production facility and head office (the "Burnaby Facility"). The Burnaby Facility includes cultivation space and laboratory space used for the preparation of genetic material for the cultivation process as well as processing space and equipment for the drying, extraction, purification and standardization of psychedelic substances and secure controlled substances environs that are only accessible to authorized individuals. The Burnaby Facility measures 3,416 square feet and is a leased facility.

In February 2021, Psilo became one of a few solely psychedelic focused operators to be granted a Dealers License, which enables Psilo to possess, produce and transport psilocybin and other compounds found in natural, botanical fungus.

Filament's current Dealer's License was issued on July 5, 2023 and expires on February 28, 2025 and provides Level 8 clearance which allows Filament to store up to \$6,250,000 of controlled substance inventory on-site in the designated storage areas. Filament's Dealer's License permits the conduct of the possession, production, assembling, sale/provision, sending, transportation and delivery of thirteen different controlled substances including cathinone, coca leaf, cocaine, harmaline, harmalol, ketamine, mescaline, N,N-Dimethyltryptamine (DMT), N-Methyl-3,4-Methylenedioxyamphetamine, psilocin, psilocybin, salvia divinorum and salvinorin.

Leadership

Filament and its team of extraction experts bring a wealth of relevant experience having founded, commercialized and sold Mazza Innovation Ltd. ("Mazza"), a botanical extraction company. Filament's team has been applying its knowledge of botanical extraction to natural psychedelics to develop and commercialize novel processes.

As of December 31, 2023, Filament's Board of Directors includes:

- Ben Lightburn, Co-founder, Director and Chief Executive Officer - Former CEO, Mazza
- Chris Wagner, Director – Founder and VP, Aspreva Pharmaceuticals, Eli Lilly
- Jon Conlin, Director – Corporate lawyer, Fasken
- Konstantin Adamsky, Ph.D, Director – COO of Negev Capital

Filament Health Corp.**Management's Discussion & Analysis**

For the year ended December 31, 2023

(Expressed in Canadian Dollars)

SIGNIFICANT TRANSACTIONS AND FINANCINGS**Magdalena Biosciences Inc.**

On January 9, 2023, the Company entered a transaction to form a joint venture to create Magdalena Biosciences Inc. ("Magdalena"), a development company specializing in novel, natural prescription medicines derived from plants for mental health indications, with Jaguar Health Inc. ("Jaguar") and One Small Planet Capital LLC ("One Small Planet"). Magdalena will leverage the know-how, trade secrets, expertise of both Jaguar and Filament to develop a potential plant-based alternative drug for adult ADHD that is safe and efficacious. Jaguar has a library of 2,300 highly characterized plants and 3,500 plant extracts from firsthand ethnobotanical investigations whereby an exclusive license is provided to Magdalena. Filament has entered into a services agreement to provide Magdalena with its expertise, technologies, and will utilize its licensed facility to contribute towards the development of a new botanical drug to address indications such as ADHD. Initial funding of US \$1,000,000 will be provided by One Small Planet for the purchase of 2,000,000 common shares of Magdalena at a price of \$0.50 per share.

The joint venture was formed with Filament owning 40%, Jaguar owning 40%, and One Small Planet owning 20% of the new entity. No cash consideration was paid upon incorporation of the entity by the Company.

The Company recognized its investment in Magdalena in accordance with IAS 28, *Investments in Associates and Joint Ventures*, based on its share of the net identifiable assets of Magdalena of \$1,578,961 in exchange for Filament's stand-ready series of services from one year from the effective date of January 9, 2023, to January 9, 2024 ("Initial Services Period"). Upon initial recognition, these amounts have been recognized as deferred revenue on the statements of financial position. As at December 31, 2023, the Company has an investment balance of \$1,449,980 after incorporating the Company's share of Magdalena losses of \$68,966 in profit or loss and \$60,015 in accumulated other comprehensive income (loss) related to the exchange difference on translating foreign operations.

The deferred revenue relates to Filament's obligations under the services agreement to provide consulting services related to research and development, know-how, and clinical trial support on an as needed basis for the Initial Services Period. The revenue was recognized on a straight-line basis over the period of one year. As at December 31, 2023, the Company recognized services revenue of \$1,540,027.

For the year ended December 31, 2023, the Company recognized its share of the profit and loss of Magdalena as follows:

	December 31, 2023	
EXPENSES		
General and administrative	\$	10,965
Foreign exchange on translating foreign operations		150,038
Professional and consulting fees		132,469
Research and development		28,981
Net (loss) for the period	\$	(322,453)
Filament share of net loss	\$	(128,981)
Net (loss) attributed to the Company	\$	(68,966)
Exchange difference on translating foreign operations attributed to the Company	\$	(60,015)

Filament Health Corp.**Management's Discussion & Analysis**

For the year ended December 31, 2023

(Expressed in Canadian Dollars)

SELECTED ANNUAL INFORMATION

The table below sets out certain selected financial information regarding the operations of the Company for the period indicated. The selected financial information has been prepared in accordance with IFRS and should be read in conjunction with the Company's financial statements and related notes.

	December 31, 2023	December 31, 2022	December 31, 2021
	\$	\$	\$
	(Audited)	(Audited)	(Audited)
Total revenues	2,130,974	364,500	-
Net loss for the period	(5,322,032)	(16,466,465)	(9,253,607)
Basic and diluted income (loss) per share	(0.03)	(0.10)	(0.06)
Total assets	5,576,109	4,740,657	17,842,088
Total long-term liabilities	1,498,674	1,130,490	534,545
Cash dividends	-	-	-

During the year ended December 31, 2023, the Company focused on research and development of its intellectual property and filed additional patents. The Company increased outreach in the industry to sign licensing agreements for provision of the Company's proprietary drug candidates. The Company also engaged in a joint venture arrangement with Magdalena to engage in the research and development of organic drug candidates.

During the year ended December 31, 2022, the Company focused on research and development of its intellectual property and filed additional patents. The Company increased outreach in the industry to sign licensing agreements for provision of the Company's proprietary drug candidates.

During the year ended December 31, 2021, the Company focused on research and development through its subsidiary, Psilo, and achieving a public listing. The Company incurred a net and comprehensive loss of \$9,253,607 that is mainly comprised of \$2,753,686 of non-cash share-based compensation and \$2,001,099 of transaction and listing expense related to the acquisition of Psilo and Amalgamation with 396 as noted above and described in the financial statements for the year ended December 31, 2021.

Filament Health Corp.**Management's Discussion & Analysis**

For the year ended December 31, 2023

(Expressed in Canadian Dollars)

SELECTED QUARTERLY INFORMATION

The following is a summary of the Company's quarterly financial results for the eight most recently completed quarters to December 31, 2023:

	December 31, 2023 \$	September 30, 2023 \$	June 30, 2023 \$	March 31, 2023 \$
For the quarter ended:				
Revenue	1,731,004	337,470	62,500	-
Comprehensive loss	(1,294,862)	(1,310,069)	(1,523,148)	(1,253,968)
Loss per share from operations	(0.01)	(0.01)	(0.01)	(0.01)

	December 31, 2022 \$	September 30, 2022 \$	June 30, 2022 \$	March 31, 2022 \$
For the quarter ended:				
Revenue	170,000	32,000	162,500	-
Comprehensive loss	(12,146,046)	(1,257,566)	(1,468,276)	(1,594,577)
Loss per share from operations	(0.07)	(0.01)	(0.01)	(0.01)

RESULTS OF OPERATIONS

For the year ended December 31, 2023:

During the year ended December 31, 2023, the Company recorded a comprehensive loss of \$5,382,047 as compared to a net and comprehensive loss of \$16,466,465 for the comparable year ended December 31, 2022. The net and comprehensive loss for the year ended December 31, 2023 includes \$1,704,251 of non-cash expenditures.

Total expenses for the year ended December 31, 2023, amounted to \$7,425,185 as compared to \$6,063,718 for the comparable period, an increase of \$1,361,467, which includes non-cash expenditures of \$208,797 for depreciation, \$374,567 for interest and accretion, and \$1,120,887 in share-based compensation included in professional and consulting fees and wages and benefits. The decrease in overall expenditures can be attributed to the following:

- Insurance costs have decreased to \$212,142 from \$403,209 as the Company has purchased a more cost-effective annual directors and officer's insurance plan.
- Professional and consulting fees have increased to \$2,944,506 from \$1,390,490 as the Company has engaged third party consultants for professional services, accounting and audit services, research and advisory services, communications and corporate development and legal fees. The significant increase during the year was related to professional and legal fees incurred related to the proposed transaction with Jupiter.
- Sales and marketing expenses have decreased to \$430,594 from \$829,614 as the Company has engaged third party consultants to develop and refine investor relations and digital marketing services, which engaged in more campaigns in the previous year.
- Wages and benefits have increased to \$1,709,423 from \$1,583,973, which can be attributed to the fees paid to management and employees for professional services related to executive officer services, research and development and administration. Also included in wages and benefits were fees paid to companies controlled or connected to officers of the Company. See related party section for details. Overall, the increase in wages and benefits is primarily attributed to the equity compensation in the form of stock options and RSUs issued to employees of the Company.

RESULTS OF OPERATIONSFor the three months ended December 31, 2023:

During the three months ended December 31, 2023, the Company recorded a comprehensive loss of \$1,294,862 as compared to a net and comprehensive loss of \$12,146,046 for the comparable three months ended December 31, 2022. The net and comprehensive loss for the three months ended December 31, 2023 includes \$578,873 of non-cash expenditures.

Total expenses for the three months ended December 31, 2023, amounted to \$2,957,695 as compared to \$1,469,257 for the comparable three months ended December 31, 2022, an increase of \$1,488,438, which includes non-cash expenditures of \$53,228 for depreciation, \$107,697 for interest and accretion, and \$417,948 in share-based compensation included in professional and consulting fees and wages and benefits. The increase in overall expenditures can be attributed to the following:

- Insurance costs have decreased to \$8,182 from \$69,007 as the Company has purchased a more cost-effective annual directors and officer's insurance plan.
- Professional and consulting fees have increased to \$1,621,518 from \$151,576 as the Company has engaged third party consultants for professional services, accounting and audit services, research and advisory services, communications and corporate development and legal fees. The significant increase during the three months was related to professional and legal fees incurred related to the proposed transaction with Jupiter.
- Sales and marketing expenses have decreased to \$97,685 from \$265,558 as the Company has engaged third party consultants to develop and refine investor relations and digital marketing services, which engaged in a more campaigns in the previous year.
- Wages and benefits have increased to \$466,120 from \$375,690, which can be attributed to the fees paid to management and employees for professional services related to executive officer services, research and development and administration. Also included in wages and benefits were fees paid to companies controlled or connected to officers of the Company. See related party section for details. Overall, the increase in wages and benefits is primarily attributed to the equity compensation in the form of stock options and RSUs issued to employees of the Company.

LIQUIDITY AND CAPITAL RESOURCES

The Company's financial success is reliant on management's ability to identify and evaluate suitable growth and acquisition opportunities and maximizing the potential of these opportunities. In order to fund future growth opportunities and to corporate overhead, the Company may seek additional financing through debt or equity offerings. Any equity offering will result in dilution to the ownership interests of the Company's shareholders and may result in dilution to the value of such interests.

As at December 31, 2023, and December 31, 2022, the Company has a working capital balance of \$1,146,207 and \$2,755,619, respectively. The decrease in working capital is attributable to the Company using funds in operations and offset as the Company completed two private placements in 2023 for aggregate proceeds of \$3,400,000, whereby \$50,000 is outstanding to be received, and also completed a private placement and convertible debenture financing for aggregate proceeds of \$2,500,000 in 2022. The Company has no commitments for capital expenditures.

Cash and Financial Conditions

As at December 31, 2023, and December 31, 2022, the Company has cash and cash equivalents of \$1,828,218 and \$2,846,740, respectively. The Company does not have any unused lines of credit or other arrangements in place to borrow funds and has no off-balance sheet arrangements. The Company does not use hedges or other financial derivatives.

LIQUIDITY AND CAPITAL RESOURCES (continued)

Lease Outstanding

On June 11, 2020, Psilo entered into a three-year lease agreement for the Facility beginning on August 1, 2020. The initial term of the sub-lease agreement is three years and expired on July 31, 2023. On July 20, 2021, Psilo entered into a lease extension agreement to extend the lease for an additional three years, until July 31, 2026. The Facility conforms to Health Canada's Directive on Physical Security Requirements for Controlled Substances and Good Manufacturing Practice ("GMP").

Assuming operating expenses and property taxes charged to Filament are consistent, monthly payments for the extended three (3) year lease term are anticipated to be approximately \$15,110 per month compared to \$13,687 per month under the initial term. In addition to a \$27,633 security deposit as of December 31, 2021, the Company agreed to deposit an additional \$18,910 to be held by the landlord as a security deposit as of December 31, 2023 for a total security deposit of \$46,543.

CAPITAL MANAGEMENT

The Company manages its capital structure and makes adjustments based on the funds available to the Company. The Company's objectives when managing its capital are to safeguard the Company's ability to continue as a going concern in order to support ongoing initiatives, to provide sufficient working capital to meet its ongoing obligations and to pursue potential acquisitions.

The Company is largely dependent upon external financings to fund its operations. In order to carry out any planned business transaction, and to continue to support the general administrative activities, the Company will spend its existing working capital and raise additional funds as needed. Management reviews its capital management approach on an ongoing basis and believes that this approach, given the relative size of the Company, is reasonable. There were no changes in the Company's approach to capital management during the period ended December 31, 2023.

The Company is not subject to externally imposed capital requirements. The Company has not paid or declared any dividends since the date of incorporation, nor are any contemplated in the foreseeable future.

OFF-BALANCE SHEET ARRANGEMENTS

The Company has not entered into any off-balance sheet arrangements.

PROPOSED TRANSACTIONS

None to report.

Filament Health Corp.**Management's Discussion & Analysis**

For the year ended December 31, 2023

(Expressed in Canadian Dollars)

RELATED PARTY TRANSACTIONSRelated Party Transaction Disclosure

Key management personnel include those persons having authority and responsibility for planning, directing and controlling the activities of the Company as a whole. The Company has determined that key management personnel consist of executive and non-executive members of the Company's Board of Directors and Chief Executive Officer, President, Chief Operating Officer and Chief Finance Officer.

These transactions are incurred in the normal course of operations and are measured at the exchange amount, which is the amount of consideration established and agreed to by the related parties unless otherwise stated. Remuneration attributed to key management personnel can be summarized as follows:

	Year ended December 31,	
	2023	2022
Management		
Wages and benefits		
Benjamin Lightburn, CEO	\$ 180,300	\$ 175,000
Warren Duncan, CFO	154,488	150,000
Lisa Ranken, COO	130,000	106,500
Ryan Moss, VP Research and Development	113,291	82,500
Share-based compensation		
Benjamin Lightburn, CEO	44,109	-
Warren Duncan, CFO	95,947	183,891
Lisa Ranken, COO	67,526	41,129
Ryan Moss, VP Research and Development	135,790	68,697
Total management	\$ 921,451	\$ 848,778
Board of Directors		
Share based compensation		
Greg Mills, Chairman, Former Director	18,807	86,635
Maureen O'Connell, AC Chair, Director	141,286	144,389
Chris Wagner, Director	141,286	144,389
Jonathan Conlin, Director	127,159	129,950
	\$ 1,349,989	\$ 1,354,141

During the year ended December 31, 2023, the Company incurred \$1,260,783 (2022 - \$279,155) in legal and professional fees to Fasken Martineau DuMoulin LLP, a law firm, where one of the Company's directors is a partner and acts as counsel to Filament.

Accounts payable and accrued liabilities at December 31, 2023, includes \$651 (December 31, 2022 - \$41,322) owed to related parties.

During the year ended December 31, 2023 and 2022, the Company issued a loan to Filament Foundation, which has been determined to be a related party as the Company's CEO is a member of the Board.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

The preparation of financial statements in conformity with IFRS requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. These estimates and assumptions are disclosed in Note 4 of the consolidated financial statements.

FINANCIAL INSTRUMENTS**Fair value**

Financial instruments recorded at fair value on the statement of financial position are classified using a fair value hierarchy that reflects the significance of the inputs used in making the measurements. The fair value hierarchy has the following levels:

- Level 1 - Unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 - Inputs other than quoted prices that are observable for the asset or liability either directly (i.e.: as prices) or indirectly (i.e.: derived from prices); and
- Level 3 - Valuation techniques using inputs that are not based on observable market data.

The fair value of cash and cash equivalents are measured using Level 1 inputs. The Company determined that the carrying values of its other short-term financial assets and liabilities approximate the corresponding fair values because of the relatively short periods to maturity and limited credit risk.

Financial risk factors

The Company's risk exposures and the impact on the Company's financial statements are summarized below:

Credit risk

Credit risk is the risk of financial loss to the Company if a counterparty to a financial instrument fails to meet its contractual obligations and arises principally from the Company's cash and trade receivables. The carrying amount of these financial assets represent the maximum credit exposure. Filament holds cash at a major Canadian financial institution, and management believes the exposure to credit risk with respect to these institutions is not significant.

Expected credit loss ("ECL") analysis is performed at each reporting date using an objective approach to measure expected credit losses on its accounts receivable. The provision amounts are based on direct management interactions with the customer. The calculations reflect the probability-weighted outcome, the time value of money, and reasonable and supportable information that is available at the reporting date about past events, current conditions, and forecast of future economic conditions. Accounts receivables are written off when there is no reasonable expectation of recovery. Indicators that there is no reasonable expectation of recovery include, but are not limited to, business failure, failure of a debtor to engage in a repayment plan, and a failure to make contractual payments.

FINANCIAL INSTRUMENTS (continued)

Credit risk (continued)

As at December 31, 2023, receivables are comprised of \$318,731 (December 31, 2022 - \$55,757) in trade receivables and the remainder arise from taxes receivable. The Company's aging of receivables is below:

	December 31, 2023	December 31, 2022
0 – 30 days	\$ 283,675	\$ 26,250
91+ days	303,588	29,507
Total trade receivables	\$ 587,263	\$ 55,757

Liquidity risk

Liquidity risk is the risk that the Company will be unable to meet its financial obligations as they fall due. The Company's objective to managing liquidity risk is to ensure that it has sufficient liquidity available to meet its liabilities when due. The accounts payable are typically due in 30 days, which are settled using cash. As at December 31, 2023, the Company has a working capital of \$1,146,207.

At present, the Company's operations do not generate positive cash flow. The Company's primary source of funding has been the issuance of equity securities. Despite previous success in acquiring financing, there is no guarantee of obtaining future financings.

Foreign currency risk

Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign currency rates. As at December 31, 2023, the Company did not hold any foreign currency and was not subject to foreign currency risk.

SUBSEQUENT EVENTS

The Company has evaluated subsequent events from December 31, 2023, the year-end date, to the audit report date, and determined that there have been no material events that have occurred that would require adjustments or disclosure in the consolidated financial statements.

Filament Health Corp.**Management's Discussion & Analysis**

For the year ended December 31, 2023

(Expressed in Canadian Dollars)

OUTSTANDING SHARE DATA

As of December 31, 2023 and December 31, 2022, the Company had 211,209,527 and 174,948,813 issued and outstanding shares, respectively. During the year ended December 31, 2023, the Company completed a private placement for the issuance of 27,777,773 common shares and warrants exercisable at a price of \$0.117 and expires on July 24, 2026 and a private placement for the issuance of 5,999,998 common shares and warrants at a price of \$0.15 and expires on December 5, 2026.

The Company had the following securities issued and outstanding as at the dates noted below:

	December 31, 2023	April 2, 2024
Common shares	211,209,527	211,209,527
Warrants	51,727,112	51,727,112
Stock options	15,087,999	15,087,999
Restricted share units	3,931,900	3,931,900
Fully diluted shares	281,956,538	281,956,538

BOARD APPROVAL

The Board of Directors of the Company approved this MD&A on April 2, 2024.

RISK FACTORS

Please refer to the Management Information Circular for additional information on the background and operational highlights of Filament Health Corp. The Management Information Circular may be viewed under the SEDAR profile of Filament Health Corp. at www.sedar.com.

The Company is subject to a number of risks and uncertainties that could significantly affect its financial condition and performance. As the Company grows and enters into new markets, these risks can increase. These risk factors are not a definitive list of all risk factors associated with the Company or in connection with the Company's operations.

The natural psychedelic industry is new in Canada and at a very early stage. As a result, there is a high degree of risk associated with the Company's business. There are significant risks that the Company's expenditures in developing its psychedelic business will not result in profitable operations.

The Company has no history of profitable operations and a limited operating history. Filament's present business is at an early stage. As such, many risks common to such early-stage enterprises, including cash shortages and limitations with respect to personnel, financial and other resources, lack of revenues and access to capital, exist.

Certain risks and assumptions include, among others:

- substantial fluctuation of losses due to numerous external risk factors out of the Company's control that cause the Company to incur significant losses in the future;
- uncertainty as to the Company's ability to raise additional funding to support operations;
- uncertainty as to the Company's ability to continue as a going concern;
- ability to generate product revenue to maintain its operations without additional funding;
- fluctuation of foreign exchange rates;
- the duration of COVID-19 and the extent of its economic and social impact;
- regulatory approval as well as with health and data protection laws and risks;
- risks associated with the development of the Company's products which are at early stages of development;
- pharmaceutical products can develop unexpected safety or efficacy concerns, which could have a material adverse effect on our revenues, income, and reputation;
- uncertainty surrounding the Company's reputation and its brand recognition;
- compliance with environmental, health and safety laws and regulations;
- unfavourable publicity, consumer perception, or future clinical research results;
- heightened scrutiny and changing regulatory requirements by government authorities;
- inaccurate information posted on social media platforms;
- reliance on third parties to plan, conduct and monitor Filament's preclinical studies and clinical trials;
- unforeseen disruption in the process of drug development activities;
- the Company's products may fail to demonstrate safety and efficacy to the satisfaction of regulatory authorities or may not otherwise produce positive results;
- delays in clinical testing;
- the risks of delays and inability to complete clinical trials;

RISK FACTORS (continued)

- competition from other psychedelic, biotechnology and pharmaceutical companies;
- the Company's reliance on the capabilities and experience of Filament's key executives and scientists and the resulting loss of any of these individuals;
- misconduct or improper activities of the Company's employees, contractors, consultants and agents;
- failure, inadequacy, breach of, or unauthorized access to, our IT systems or those of our third-party service providers, unauthorized access to our confidential information, or violations of data protection laws, could each result in material harm to our business and reputation;
- the outbreak of infectious disease;
- the Company's limited operating history;
- the Company's ability to adequately protect its intellectual property and trade secrets;
- the Company's ability to source and maintain licenses from third-party owners;
- changes in patent laws and patent-related litigation risks;
- risks related to sharing trade secrets;
- risks related to various tax matters;
- liquidity of the Company's securities;
- risks related to additional issuances and dilution of the Company's securities;
- the failure to maintain an effective system of internal controls may result in material misstatements of the Company's financial statements or cause the Company to fail to meet its reporting obligations or prevent fraud;
- risks related to the Company's capital structure;
- risks related to published research and reports;
- the costs associated with maintain public listings; and
- other factors beyond the Company's control.

There is no assurance that the Company will be successful in executing its business plan and generating a return on shareholders' investments. The likelihood of success must be considered in relation to its early stage of operations and industry. There are a number of risk factors that could cause future results to differ materially from those described herein.

DISCLOSURE CONTROLS AND PROCEDURES

Disclosure controls and procedures ("DC&P") are intended to provide reasonable assurance that material information is gathered and reported to senior management to permit timely decisions regarding public disclosure. Management, with the participation of the Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO"), assessed the effectiveness of the Company's DC&P as of December 31, 2023. Based upon the results of that evaluation, management concluded that the DC&P were effective to provide reasonable assurance that material information relating to the Company is accumulated and communicated to management (particularly during the period in which the Company's annual filings are being prepared) to allow timely decisions regarding required disclosure, and that the information disclosed by the Company in the reports that it files is appropriately recorded, processed, summarized and reported within the time period specified in applicable securities legislation.

INTERNAL CONTROLS OVER FINANCIAL REPORTING

Internal controls over financial reporting ("ICFR") are intended to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with IFRS. Management, with the participation of the CEO and the CFO, assessed the effectiveness of the Company's ICFR as at December 31, 2023. Based upon the results of that assessment, management concluded that internal control over financial reporting was not effective as a result of two material weaknesses.

A material weakness is defined as a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of annual or interim financial statements will not be prevented or detected on a timely basis. The noted material weaknesses are as follows:

We did not design certain process-level and management review controls at a sufficient level of precision to (1) determine the accounting conclusions related to our licensing agreements, including the identification of performance obligations and determination when uncertainties related to variable consideration are resolved and to (2) validate the accuracy of data elements utilized in assessment of measurement and recognition of fair values associated with equity instruments and valuation and disclosure of investments.

Remediation

We have performed a detailed analysis and review procedures to complete preparation of our consolidated financial statements as at December 31, 2023 in accordance with IFRS.

We are working to remediate our material weaknesses as efficiently and effectively as possible. We have implemented and continue to implement controls, including processes and review procedures, related to timely receipt and assessment of contracts and data used in our accounting and financial reporting processes across the business. We plan to add additional staff, or engage external consultants and specialists where required, to assess non-routine and complex transactions where significant estimates and judgement are required in assessing the appropriate accounting treatment in accordance with IFRS. Our remediation efforts as discussed above are ongoing, and are not all inclusive, and may include implementing additional policies, procedures, and controls.

FORWARD LOOKING INFORMATION

This MD&A may contain certain forward-looking statements and information relating to the Company that are based on the beliefs of management as well as assumptions made by and information currently available to the Company. When used in this document, the words "anticipate", "believe", "estimate", "expect" and similar expressions, as they relate to the Company or management, are intended to identify forward-looking statements.

All forward-looking statements reflect management's beliefs and assumptions based on information available at the time the assumption was made. These forward-looking statements are not based on historical facts but rather on management's expectations regarding future activities, results of operations, performance, future capital and other expenditures (including the amount, nature and sources of funding thereof), competitive advantages, business prospects and opportunities. By its nature, forward-looking information involves numerous assumptions, inherent risks and uncertainties, both general and specific, known and unknown, that contribute to the possibility that the predictions, forecasts, projections or other forward-looking statements will not occur. In evaluating forward-looking statements, readers should specifically consider various factors, including the risks outlined under the heading "Risk Factors" in this MD&A.

FORWARD LOOKING INFORMATION (continued)

There can be no assurance that such forward-looking information and statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such information and statements. Accordingly, readers should not place undue reliance on forward-looking information and statements. The forward-looking information and statements contained herein are presented for the purposes of assisting readers in understanding the Company's expected financial and operating performance and the Company's plans and objectives and may not be appropriate for other purposes.

The forward-looking information and statements contained in this MD&A represent the Company's views as of the date of this MD&A and forward-looking information and statements contained in the documents incorporated by reference herein represent the Company's views as of the date of such documents, unless otherwise indicated in such documents. The Company anticipates that subsequent events and developments may cause its views to change. However, while the Company may elect to update such forward-looking information and statements at a future time, it has no current intention of doing so except to the extent required by applicable law.