**Introduction**

This document serves to address frequently asked questions or other relevant topics related to the mCannabis Program *Exploring Cannabis-based medicines and tools*.

**Stream 1 (phytochemicals and pain)**

1. Additional topic suggestions:
   1. The Project should strive to improve the understanding of any of the topics listed below, without being limited to them.

* the impact of sex, age, or ethnicity on potential analgesic properties of cannabinoids and terpenoids / terpenes;
* innovative analytical methods to measure cannabinoids and terpenoids / terpenes or standardize measurements;
* the potential analgesic properties or adverse effects of minor cannabinoids, alone or in combination with each other or terpenoids / terpenes;
* the interaction between the microbiome and cannabinoids or terpenoids / terpenes;
* analgesic potential of cannabinoids and terpenoids / terpenes for different pain types (e.g., acute pain, chronic pain, inflammatory pain, neuropathic pain)
* the pharmacology (pharmacokinetic and pharmacodynamic profiles) of cannabinoids and terpenoids / terpenes;
* the binding affinities of cannabinoids and terpenoids / terpenes to cannabinoid and opioid as well as other pain-related receptors;
* the impact of dose and / or route of administration on potential analgesic effects of cannabinoids and terpenoids / terpenes;
* if / how specific terpenoids / terpenes may influence potential analgesic properties of cannabinoids;
* potential opioid sparing effects of cannabinoids and terpenoids / terpenes;
* potential reduction in polypharmacy of cannabinoids and terpenoids / terpenes;

**Stream 2 (post-market data to improve patient outcomes)**

The Request for Information Form has been developed as part of the initial step for the Exploring Cannabis-based Medicines and Tools (mCannabis) Program – Stream 2 Request for Information: How Alberta Innovates can support the use of post-market surveillance data to improve patient outcomes and responsibly grow Canada’s Cannabis industry. There is no funding attached to the RFI process.

Purpose:

Ideas suggested in response to this Request for Information (RFI) are encouraged to go beyond the scope of Stream 1. Ideas should address the challenge, have the potential to leverage partnerships between academics and industry, be suitable for future research, and should have a high probability of resulting in deliverables that will benefit patients and industry within a fixed term.

What Alberta Innovates will do with this information:

The RFI is for planning purposes only and should not be construed as solicitation for applications or proposals. The intent is to inform a future program call that can support the use of post-market surveillance data to improve patient outcomes and enhance the Cannabis industry. Processed and anonymized results will be shared with scientific / industry working groups convened by Alberta Innovates, as appropriate. Proprietary, classified, confidential, or sensitive information should not be included in your response. Alberta Innovates reserves the right to use any information in any resultant solicitation(s).