Introduction:

The following Application Form has been developed as part of *Exploring Cannabis-based Medicines and Tools (mCannabis) Program – Stream 1 investigating phytocannabinoids and terpenoids / terpenes, either alone or in combination, for their effects on nociception and analgesia*.

Application Instructions:

This application form applies to Sections 3 – 7 and complements the online submission. The form must be completed using a **minimum font size of 11pt** and margins **a minimum of 0.75 inches**. Upload the completed form as part of your complete Application in the Alberta Innovates application portal at [www.ai.smartsimple.ca](http://www.ai.smartsimple.ca).

Project Title (Non-Confidential)

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Applicant Representative (Non-Confidential)

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| --- | --- |
| Name: |  |

Section 3: Innovation Opportunity (Confidential)

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| **Existing Problem (limit 400 words): *Define the problem or critical barrier the innovation is addressing. Explain why this is a problem.*** *Provide supporting evidence.* |
| **Proposed Research Goals (limit 400 words): *Describe the research goals for this project and how it addresses the problem.*** *Provide any supporting evidence to suggest it is a viable solution to the problem.* |
| **Innovation Potential (limit 400 words): *Describe how the approach challenges current research paradigms and whether the approach can be applied to other fields or areas of Cannabis research.*** |

Section 4: Impact Potential (Confidential)

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| Economic Impact (limit 500 words): *Clearly describe the potential economic impacts. Be sure to identify any assumptions on the potential for reducing economic burden for pain management, opioid sparing, job growth (including types of jobs), follow-on investment, and / or supporting Cannabis industry growth. Information provided should be specific, significant, and attached to expected timelines and projections.* |

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| Health Impact (limit 500 words): *Describe how this Project will potentially impact health at an institutional, community, operational, or patient level. Information provided should include specific identification of the population of patients and / or the clinical setting(s) that will be impacted. From the operational perspective, this could include improved efficiencies, economics or occupational health and safety factors. For patient populations, outcomes could include improvement in quality adjusted life years or any other metrics (e.g., morbidity) being addressed. Information provided should be specific, significant, and attached to expected timelines and Projections.* |
| Sustainability (limit 500 words): *Describe potential barriers to scaling or sustaining the approach after the project.* *Identify key stakeholders that would need to be engaged and your plan for engagement.* |

Section 5: Project Design and Implementation (Confidential)

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| **Project Hypotheses (limit 200 words): *State at least one clear hypothesis that will be tested during the Project.*** |
| **Approach and Deliverables (limit 3,000 words): *Provide a detailed description of how the hypothesis will be tested and evaluated with specific time points.***  *The method should be detailed enough that it is reproducible by a third party. Clearly describe in detail how metrics will be measured, who will be measuring them, when they will be measured, and how the expected data will be analyzed. Identify plans to standardize data collection or interpretation. Identify any limitations of previous research that this Project intents to overcome. Indicate deliverables that will be generated throughout the Project.* |
| **Knowledge Translation Plan (limit 500 words): *Describe how the proposed Project will be disseminated and how you will engage patients or citizens.*** |
| **Risks & Mitigations (limit 500 words): *Describe a risk assessment and mitigation strategy as it relates to the Project.*** |
| **Scientific Environment (limit 500 words):**  ***Describe how the environment where the proposed work will be done to contribute to success.*** *Identify institutional supports, equipment, and other resources available. Highlight any unique features of the environment.* |
| **Regulatory and Ethical Considerations (limit 500 words): *Describe any regulatory and ethical considerations to successfully execute this project.*** *Include regulatory considerations related to Health Canada licensing or exemption requirements.* |

Section 6: Project Milestones (Confidential)

Please outline expected key milestones for each phase of the Project, including the deliverables previously identified and associated dates in the table below (add more rows as needed). *This must include clear “go / no-go” decision points that will lead to either a continuation, modification of the project plan, or termination of the Project.*

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| **Milestone Number** | **Description of Milestone and Related Deliverable(s)** | **Start Date** | **End Date** | **Go / No Go decision point?** |
| **Milestone 1** |  |  |  |  |
| **Milestone 2** |  |  |  |  |
| **Milestone 3** |  |  |  |  |
| **Milestone 4** |  |  |  |  |
| **Milestone 5** |  |  |  |  |

Section 7: Team structure (Non-Confidential)

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| **Key Project Personnel: *Who are the key people that will participate in the Project?*** *What is their role and relevant experience with regards to carrying out research Projects of this nature?*  (Add rows for additional Personnel) | |
| Organization: |  |
| Contact Name: |  |
| Position/Department: |  |
| Contact Phone Number: |  |
| Contact Email: |  |
| Experience:  (limit 150 words) |  |
| Roles and Responsibilities (limit 150 words) |  |

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| --- | --- |
| Organization: |  |
| Contact Name: |  |
| Position/Department: |  |
| Contact Phone Number: |  |
| Contact Email: |  |
| Experience:  (limit 150 words) |  |
| Roles and Responsibilities (limit 150 words) |  |

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| --- | --- |
| Organization: |  |
| Contact Name: |  |
| Position/Department: |  |
| Contact Phone Number: |  |
| Contact Email: |  |
| Experience:  (limit 150 words) |  |
| Roles and Responsibilities (limit 150 words) |  |

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| **Project Governance (limit 500 words): *Clearly define the governance structure, decision making processes, as well as communication channels between Project personnel and any relevant external stakeholders.*** *Explain how this governance structure will be used to manage Project risks and facilitate decision making if disagreements occur between parties during the Project.* |