

Pre-Proposal - A Call for Research Projects to Discover and Develop Treatments for Progressive Multiple Sclerosis

Proposed Project Title – *Please provide a descriptive, non-confidential project title*

Principal Investigator – *Please provide your full name*

Institution – *Please provide the name of your Institution*

Investigator's Expertise - *Relevant qualifications and two sentence summary of scientific / clinical expertise*

Tech Transfer Contact – *Please provide the name and email of your Tech Transfer Contact (if applicable)*

Collaborator(s) - *Please indicate the name(s) and institution(s) of your collaborators*

1) Proposal Summary

In **2500 characters or less**, please briefly describe the scientific background of your technology, its differentiating features and how you think CDRD could help further develop your technology. *Your summary will be treated as non-confidential information.* If there is information relevant to your technology that you do not wish to disclose in this document, please state this below.

Please provide **five key references** relevant to your research project. Each reference must include the journal title, volume and page numbers.

2) Technical Summary

Please complete as many sections as possible. Descriptions and examples are provided for guidance only.

Proposed Indications - Provide primary indication and any other diseases that the technology could be used for

Target/Technology - If known, describe the target; is it novel? Has the crystal structure been solved? Is it expressed in the relevant tissues? Does modulation ameliorate disease phenotype? Provide brief description of assays, lead compound, antibody, or other tools you have available.

Key Scientific Advantages of your Approach - E.g. novel target, disease modifying.

In Vitro Data - Types of assays? Biochemical/cell-based? Target Selectivity? Potency?

In Vivo Data - Routes of administration? Bioavailability? Available Animal Model? Efficacy?

Limitations of the Approach - Potential for toxicity? Are there pathway or target redundancies? Maximum tolerated dose? Is there a therapeutic window for treatment?

Competitive Technologies in Development - Summarize key competitors (academic and industry where known)

Competitive Commercial Advantage - What gives you a head-start over competitors? – consider academic and industry groups, e.g. unique insight into target/mechanism of action, tools, assays, patents/applications

IP Status/Strategy - Do you have intellectual property (IP) around the target, mechanism of action, composition of matter etc.? Is there a plan in place to pursue IP protection?

Obstacles to Development - What are the key challenges that you foresee translating your research into the development of a novel therapeutic? Consider predictive value of models, clinical trials, etc. **(not funding)**

How is the current research funded? Previous, current or prospective grants

How can CDRD help? How can CDRD help add value and assist in the translation of your technology?