



The University of British Columbia

The Zymeworks - Michael Smith Laboratories – Department of Microbiology and Immunology Fellowships in Advanced Protein Therapeutics

Award Overview and Scope

Zymeworks, Inc., a leading biotechnology company within British Columbia focused on the development of disruptive therapeutic platforms and new bio-therapeutics, especially in areas of unmet clinical need, has partnered with the Michael Smith Laboratories and the Department of Microbiology and Immunology at the University of British Columbia to support six 1-year Fellowships in Advanced Protein Therapeutics. The Zymeworks - Michael Smith Laboratories – Department of Microbiology and Immunology Fellowship Competition in Advanced Protein Therapeutics will run for at least 3 years and award two recipients \$20,000 each per year (a total of six individual \$20,000 awards).

Created in part in recognition of the Noble laureate Dr. Michael Smith, these are the most prestigious internal award offered to graduate students of the Michael Smith Laboratories and the Department of Microbiology and Immunology.

Zymeworks' mission is to address major health needs and make a significant difference in the lives of people around the world through the discovery and development of biologic and immune-therapeutics and biologic and immune-based treatments of disease. While eligible PhD students conducting research in health science, including its engineering components, should apply, those conducting thesis research focused on relevant aspects of discovery and development of biologic therapeutics are particularly encouraged to apply. The research program of applicants may relate, for instance, to translational biology, monoclonal antibody discovery and development, immunomodulation, biomedical engineering, biomolecule (e.g., protein, siRNA, DNA) to drug conjugation science, immunotherapies, anti-tumor biologics, high-throughput screening science, protein engineering, structural and chemical analyses of biologics and biologic complexes, and computational biology/bio-informatics, especially applied to biologic therapeutics development.

Eligibility

The Zymeworks - Michael Smith Laboratories – Department of Microbiology and Immunology Fellowships in Advanced Protein Therapeutics are available to all PhD students that do not already hold a major award and who are supervised either by a full or associate faculty member within the Michael Smith Laboratories or the Department of Microbiology and Immunology. Each recipient is eligible to receive the award once and awardees will be asked to provide a 1 page summary of their research progress and the conclusion of their fellowship.



Fellowship Selection Criteria and Process

The selection of Fellowship recipients will be made by the Michael Smith Laboratories/ Department of Microbiology and Immunology Joint Graduate Student Awards Committee and in consultation with the Faculty of Graduate and Postdoctoral Studies. Applicants will be evaluated on the basis of their:

- Research Proposal - including fit to the scope of the Zymeworks – MSL – Dept of M&I Fellowship in Advanced Protein Therapeutics. (25%)
- Leadership Potential - commitment to addressing major health problems and making a clear positive contribution to society. (25%)
- Academic and Research excellence. (50%)

Submission Deadline and Post-Competition Notification of Results

Compile all components of the application into a single PDF, and submit to Leslie Kennah (leslie.kennah@msl.ubc.ca) by **3 pm** June 30th of each year.

The recipient of this year's Zymeworks - Michael Smith Laboratories – Department of Microbiology and Immunology Fellowships in Advanced Protein Therapeutics will be announced in August, 2021 for a September start.

Application Components

Section I: Research Proposal

Maximum one page (1" margins, 12-pt Times font, single spaced) to be prepared solely by the applicant.

Describe your proposed research project for the period during which you would hold the fellowship. As part of this, please provide the following information:

- Proposal alignment with the goals of the fellowship
- Background information to position your proposed research within the context of the current knowledge in the field
- The central research question(s) and supporting hypothesis
- The near and long-term objectives
- The experimental or theoretical approach to be taken (citing literature pertinent to the proposal), as well as all key methods and procedures to be used
- The anticipated contribution of the project to the advancement of society.

In preparing your research proposal, please employ the citation style common to your field of research. Do not use more than one citation style. Footnotes or endnotes should be employed for citation purposes only, and should not elaborate on the information contained in the 1-page research proposal. The list of citations for your research proposal must not exceed one page.



Section II: Leadership (Potential and Demonstrated Ability)

Maximum one page (1” margins, 12-pt Times font, single spaced) to be prepared solely by the applicant.

Describe how you have gone above and beyond the expected norms in order to contribute positively to society, overcome obstacles, mentor others, spearhead change, or otherwise demonstrate Leadership. Your description should touch on 1) personal achievements, impactful involvement in academic life, volunteerism and community outreach, and setting and achievement of major goals that have served to benefit others. Any and all indications of leadership and personal achievements in the health sector should be articulated.

Section III: Academic and Research Excellence

All applicants should prepare a maximum 5-page curriculum vitae (1” margins, 12-pt Times font, single spaced) that records all academic achievements, research achievements (including publications and presentations) to date, and evidence of contributions to society.

Section IV: Biographical Information

Last name:	First name:
If applicable, list any other names on your education records:	
Graduate program enrolled:	Enrolled degree: PhD candidate PhD program applicant
Supervising Faculty member:	Student number:
Email:	

Questions?

If you have questions or require further assistance in preparing your application, please contact Leslie Kennah at leslie.kennah@mssl.ubc.ca or Darlene Birkenhead at darlb@mail.ubc.ca