

THE LYMPHATIC MALFORMATION INSTITUTE

Established Investigator Application Guidelines

All applications must follow the formatting guidelines described below. Applications that do not adhere to the formatting guidelines will not be reviewed. Applications should fit on 8.5" x 11" paper, have 0.5" margins, be single-spaced and use 11-point Arial font. Submit the application as a single PDF document.

1. **Cover Page:** Use the template on the LMI website.
2. **Signature Page:** Use the template on the LMI website.
3. **Research Proposal (10 pages max)**
 - a. **Specific Aims Page:** State the central hypothesis and specific aims of the proposed project.
 - b. **Background, Significance and Innovation:** Review the literature that is related to the proposed project. Describe the project's significance to Gorham-Stout disease, generalized lymphatic anomaly, kaposiform lymphangiomatosis, or central conducting lymphatic anomaly. What impact will this project have on the diseases? State how the project is conceptually and technically innovative.
 - c. **Research Plan:**
 - i. **Research Strategy.** Cover each of the points listed below for each specific aim.
 1. Specific Aim: State the specific aim.
 2. Hypothesis: State the working hypothesis for the aim.
 3. Rationale and Preliminary Data: State the rationale of the research and show any relevant preliminary data.
 4. Research Design: Describe the experiments that will be performed to test the hypothesis.
 5. Expected Outcomes, Potential Problems, and Alternative Strategies: Describe anticipated results, potential problems, and alternative strategies.
4. **Statistical Plan:** Briefly describe how data will be analyzed.
5. **References Cited (no page limit):** References can be in any style or format as long as they are consistent.
6. **Resource Sharing Plan:** Briefly describe how resources developed with funds from the LMI will be shared with the scientific community.
7. **Budget:** Use the template on the LMI website to report the budget of the project. The LMI does not provide funds for institutional indirect costs.
8. **Budget Justification (no page limit):** Provide a detailed justification for the funds requested in each category of the budget.

9. **Timeline:** Use the template on the LMI website to create a timeline for the project.
10. **Active and Pending Support:** Please include the title, funding agency, award duration and amount for existing and pending projects in the PI's lab.
11. **NIH Formatted Biosketch:** <https://grants.nih.gov/grants/forms/biosketch.htm>
12. **Institutional/IRB/IACUC Approval.** List the date of approval, the IRB/IACUC number assigned to your project, or state "pending".
13. **Resubmission statement (if applicable):** In 1 page, describe how the application has changed from the previous submission.
14. **Consortium Contractual Arrangements (if applicable):**
 - a. Explain the programmatic, fiscal, and administrative arrangements to be made between the applicant organization and the consortium organization(s). If consortium/contractual activities represent a significant portion of the overall project, explain why the applicant organization, rather than the ultimate performer of the activities, should be the grantee
 - b. Signed by authorized representative
15. **Multi-PI Leadership Plan (if applicable):**
 - a. Rationale for multiple PI approach should be described, as well as organizational structure of the leadership team and research project, including communication plans, processes for making decisions on scientific direction, and procedures for resolving conflict
 - b. Budget information
16. **Letters of Support (if applicable):**
 - a. Consortium and consultant letters combined into single PDF file
 - b. Attach a file with all letters of support, including any letters necessary to demonstrate the support of consortium participants and collaborators such as Senior/Key Personnel and Other Significant Contributors included in the grant application.
 - c. For consultants, letters should include rate/charge for consulting services and level of effort/number of hours per budget period anticipated. In addition, letters ensuring access to core facilities and resources should stipulate whether access will be provided as a fee-for-service.