

Translational Research Program

Purpose

- To support innovative and novel investigations in Primary Immunodeficiency focusing on translational research leading to meaningful clinical application.
- To advance the growing knowledge of genotype-phenotype correlations and gain a better understanding of the underlying mechanisms of immune function and dysfunction.
- To support research that will lead to advancement in clinical recognition, diagnostic tools, and innovative therapies that will impact overall health outcomes and improve the quality of life of those affected by Primary Immunodeficiency.

To date, over 500 specific genetic defects have been identified, which have not only helped advance new therapies, but have also been instrumental in advancing our understanding of immunology. It is estimated that as many as 10 million people, if not more, are living with Primary Immunodeficiency worldwide. As such, it is crucial to support research that will bridge basic scientific discoveries to the development of clinical applications that will impact overall health outcomes. Advancing research that enhances our understanding of the immune system represents one of the single greatest strategies that biomedical science has to offer to identify new therapies and will greatly benefit those living with diagnosed Primary Immunodeficiencies as well as the millions of people that remain undiagnosed.

Eligibility

Grants with the following focus will be *strongly considered* for awards:

- Novel Primary Immunodeficiency defects
- Innovative approaches to early diagnosis - Novel therapeutic strategies
- Translational impact on patient health (i.e., how a patient will benefit)
- Reach of the proposed project (i.e., how many patients might benefit)
- Projects that currently do not have funding and would be otherwise difficult to advance without this award

The Jeffrey Modell Foundation encourages all international and U.S. investigators with the appropriate knowledge and research skill level to apply for this grant. Applications submitted by investigators with vast expertise in Primary Immunodeficiency, as well as young investigators with robust scientific merit will be considered. JMF encourages investigators who are not currently receiving funding from the National Institutes of Health to apply. Only one active grant per investigator is permitted at a time. [See the list of historic award recipients and proposal titles here.](#)

Review Process

All applications will be comprehensively reviewed and evaluated by the [Jeffrey Modell Centers Network](#) Peer Review Research Committee. The committee will provide an impact score for individual applications based on:

- Innovation
- Originality
- Feasibility
- Justification of requested budget
- Translational applicability
- Relevance to Primary Immunodeficiency
- Relevance to advancement of the work

Award Information

The number of awards per cycle will be dependent on the strength and merit of applications received and the availability of funds. Individual awards may total up to \$250,000 over a two-year period. Funds are not to exceed \$125,000 per year per project. Total funds will only support direct costs and cannot be used for institutional overhead. JMF reserves the right to reduce the award amount for any application. To date, a total of 21 grants have been awarded throughout 11 grant cycles.

Application Deadlines

- Cycle 12 Start Date - January 15, 2024
- Letter of Intent Deadline - March 13, 2024
- Full Application Deadline (*for invited investigators*) - July 8, 2024
- Grant Awards - November 30, 2024

Required Application Materials:

Note: application materials must meet the requirements below. Any applications that exceed the page limits will not be considered.

1. Letter of Intent: a Letter of Intent (LOI) must be submitted by March 13, 2024, separate from and prior to the full application. Investigators who have submitted an LOI and have been invited by the JMCN Research Committee to submit a full grant application will be considered for funding. Please download and complete the LOI form at this [link](#), which provides additional instructions.
2. Application: please [download and complete the application](#).
3. Research Proposal: please attach a detailed research proposal outlining the specific aims, background, purpose, and goals of the intended project. This proposal should not exceed 6 pages. Tables, figures, and graphs, etc. may also be included as supplemental documentation to support the 6-page proposal. *For application re-submission, please include an updated revision statement. Only one application re-submission is permitted.*

4. Budget and Budget Justification: a budget and detailed budget justification must be attached with the application. The budget justification should not exceed 2 pages.
5. Curriculum Vitae/Biosketch Please attach your most current curriculum vitae or biosketch, highlighting experience as it relates to your proposed project. Please also list publications in order of relevance to the proposal. Please try to limit your CV or Biosketch to no more than 5 pages.

NOTE: The materials listed above are the minimum required application materials. Additional documentation, such as letters of support, will also be accepted.

Application Submission and Inquiries

The Jeffrey Modell Foundation encourages submission of the application and all required materials to research@jmfworld.org. Applicants who prefer to submit a paper-based application may send all materials to the following address or by fax:

Jeffrey Modell Foundation
780 Third Avenue, 47th Floor
New York, NY 10017
Fax: 212-764-4180

All inquiries and logistical questions should be submitted to the Jeffrey Modell Foundation's Scientific Director at research@jmfworld.org.

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