

**INTERNATIONAL MYELOMA FOUNDATION**  
**2022 Brian D. Novis Research Award**

**SENIOR GRANT APPLICATION**



**INTERNATIONAL MYELOMA FOUNDATION**  
**2022 BRIAN D. NOVIS RESEARCH AWARD**  
Provided by private donations from individuals

The International Myeloma Foundation funds several research grants including the Brian D. Novis Research Award. These grants are provided through donations from private individuals, and are presented annually by the International Myeloma Foundation. These awards go to researchers doing work in the field of multiple myeloma and related disorders including smoldering myeloma, MGUS (monoclonal gammopathy of undetermined significance) as well as immunoglobulin derived amyloidosis. This year's awards will be \$80,000 each. The Brian D. Novis Award honors the IMF's founder Brian Novis, who died of multiple myeloma in July of 1992. The International Myeloma Foundation is a non-profit organization whose mission is to improve the quality of life for myeloma patients while working toward prevention and a cure.

**SENIOR GRANT APPLICATION**

## International Myeloma Foundation 2022 Senior Research Award Application Instructions

### QUALIFICATIONS

These awards are targeted to established investigators with a track record in myeloma or related disorders, and are designed for projects which represent a different focus, direction, or area of research from those in which they are currently funded. In most cases, these awards will be for pilot projects to obtain sufficient funding for larger applications from NIH or similar larger funding agencies.

The qualifications for a candidate for the Brian D. Novis Senior Research Award include the following:

- Ability to provide a completed application with evidence of a meritorious research project
- NIH, other foundations or similar funding agencies
- Must complete and return application package to the IMF no later than **Friday, October 1, 2021.**

### APPLICATION

A complete application should be submitted to the IMF directly by the candidate and must include the following:

1. Original application along with one (1) copy. Ideally, we welcome a completed application saved as a **PDF file** and sent electronically by email to [lpaik@myeloma.org](mailto:lpaik@myeloma.org), in **addition** to the original application and one (1) printed copy mailed to the address provided on or before October 1, 2021. Please note on the application that this is for the **2022 Brian D. Novis SENIOR Research Grant**.
2. Curriculum vitae, including complete bibliography.
3. The abstract (scientific and lay summary) of the proposed research.
4. Project description (not to exceed ten pages, excluding references, figures, and tables) of the research project. The project description should be presented in the following sequence:
  - a. Specific aims (approximately 0.5 page).
  - b. Scientific background and clinical significance of proposed work (approximately 1.5 pages).
  - c. Previous work/preliminary data (approximately 1.0 page).
  - d. Methods (approximately 2.0 pages).
  - e. Plans for clinical application of the data (approximately 0.5 page). Clinical research protocols, if part of the application, should be submitted as Appendix material to this section. Include IRB approval date (if protocol has been approved) and IRB Compliance number.
  - f. Briefly state how your project will lead to sufficient preliminary data to support a major grant application.
  - g. How does this work relate to current work in the field, as well as to work previously performed by the applicant?
5. Letters of support or commitment from collaborators needed to complete the proposed project (if applicable).
6. A clear and explicit outline detailing the facilities to be used and the exact space and equipment requirements. Any institutional budget requirements in conducting the research, list briefly -- Institutional Overhead must not exceed \$8,000 (10% of the total award amount) with budget justification for each line item.

7. Biohazards Statement, if applicable. An institutional statement and assurances regarding potential biohazards and safeguards must be included.
8. Laboratory Animals Statement, if applicable. For projects that involve laboratory animals, the Institutional Animal Care and Use Committee (IACUC) Approval Date and Animal Welfare Assurance number must be given.
9. Publications. One (1) sets of the applicant's publications that are relevant to the proposed project should be included. Attach one set to the original application and one set to one (1) copy of the application.
10. Statement giving details on any other funding for this research. The IMF reserves the right to decline or revoke funding if simultaneous funding has been awarded from another source. At the time of submission, applicants must disclose whether this project has also been submitted to other institutions for funding.
11. Letter of recommendation:
  - a. Recommendation by a department head/mentor or senior advisor at your institution, critically evaluating the merits of the proposed research and the candidate's qualification and ability to conduct the research.
  - b. If nominee is not affiliated with the academic institution that will be the site of the proposed research, a letter from a department chairperson or dean verifying the candidate's affiliation with the institution and availability of additional resources for the research.
12. Completed Application Checklist (included in this document) for the original application and one (1) copy.

## **FORMAT**

Application materials must be submitted in the order listed in the Application section. Pages should be numbered and submitted in page order, beginning with Page 1 of the Application Form. Applications must be printed or typed on one side only of each page. Page lengths are based on standard one-inch margins, single-spaced, with a type size no smaller than 10 points in a standard font. No unsolicited documentation or additional letters of recommendation will be considered. Any proposals arranged to comply with other funding entities' guidelines must be redone to meet the specification outlined herein

## **DELIVERY GUIDELINES**

Applications may be delivered to the IMF by U.S. mail, express delivery, or courier. No part of the application may be submitted by facsimile transmission (FAX). To ensure delivery, candidates may wish to send applications via a method that requires signature (i.e. Federal Express or registered mail, return receipt requested.)

## **DEADLINE/SUBMISSION ADDRESS**

Complete applications must be received in the IMF office by 5 PM on **Friday, October 1, 2021.**

Lisa Paik, Senior Vice President of Clinical Education & Research Initiatives

12650 Riverside Drive, Suite 206

North Hollywood, CA 91607 USA

Phone: 1 (818) 487-7455

Email: [lpaik@myeloma.org](mailto:lpaik@myeloma.org)

## **CONFIRMATION**

You will receive a confirmation email from the IMF upon receipt of your application.

## **SELECTION**

The selection of the recipient will be made by an Award Committee of the Scientific Advisory Board of the IMF, consisting of experts in the field of multiple myeloma. Candidates are strictly prohibited from contacting members of the Award Committee about the status of their application; any violation of the regulation will lead to the automatic disqualification of the application.

### **Selection and Considerations**

The Award Committee will consider most favorably those proposals that provide evidence of an applicant's research initiative and creativity. The Committee will also weigh the previous accomplishments of the applicant, the probability of meaningful results from the proposed research, and the likely contribution of the research to the advancement of our knowledge of myeloma etiology, diagnosis, treatment, or prevention.

### **Selection Notification**

All candidates will receive notification from the IMF office of the final selection of a recipient by the IMF via email or mail.

## **AWARD CONDITIONS AND REPORTING**

The Award is provided to support the recipient's research contingent upon signature of a Letter of Agreement between the International Myeloma Foundation (IMF) and the sponsoring institution.

The monetary Award is provided to the recipient's sponsoring institution for the direct support of the recipient's work during the Award year, which will begin on January 1, 2022. The Award may be used for laboratory supplies for the research proposed.

**The first installment of the award (1/3 of \$80,000)** will be dispersed in January 2022. The recipient is required to submit a six (6) month progress report – due July 15, 2022. The second installment of the award will be dispersed after the progress report has been received and reviewed by the Chairman of the IMF Scientific Advisory Board. The third, and final installment, will be dispersed before after receipt of final reporting. At the conclusion of the award year, the recipient is required to submit a brief written summary of the research conducted, as well as, a detailed account of the use of Award funds. The IMF should be acknowledged in support of the research funded. Send your reports to:

Dr. Robert Kyle  
Mayo Clinic  
200 First Street, SW  
Stabile 628  
Rochester, MN 55905  
[kyle.robert@mayo.edu](mailto:kyle.robert@mayo.edu)

Lisa Paik and Amirah Limayo  
International Myeloma Foundation  
12650 Riverside Drive, Suite 206  
North Hollywood, CA 91607  
[lpaik@myeloma.org](mailto:lpaik@myeloma.org)  
[alimayo@myeloma.org](mailto:alimayo@myeloma.org)

The recipient will be encouraged to submit the results of the research for presentation at a major scientific meeting and/or submit a manuscript for publication in a major scientific journal as soon as meaningful results are obtained. If the opportunity allows, recipients will be invited to participate in IMF sponsored scientific patient and other seminars/meetings.

If the recipient receives a commitment for financial support for the proposed project from more than one funding entity, the applicant must inform the IMF immediately concerning any potential conflict and, in no instance, can accept funding from more than one entity for the same project.

---

Applicant Name

Page \_\_\_\_ of \_\_\_\_

**International Myeloma Foundation  
2022 Senior Research Award Application Form**

1. Project Title: \_\_\_\_\_

2. Applicant: \_\_\_\_\_ Degrees: \_\_\_\_\_

Institution: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

3. Total Amount Requested: Year 1: \_\_\_\_\_

4. We, the undersigned, have reviewed this application for an International Myeloma Foundation Award and are familiar with the policies, terms, and conditions of the IMF concerning this research support and do hereby accept the obligation to comply with all such policies, terms and conditions.

Please type the following:

---

5. Applicant	Signature	Date
--------------	-----------	------

---

6. Individual Authorized to Sign for Institution	Signature	Date
-----------------------------------------------------	-----------	------

---

7. Fiscal Officer	Signature	Date
-------------------	-----------	------

8. Address of Fiscal Officer:

\_\_\_\_\_

\_\_\_\_\_

---

**Applicant Name**

**Page** \_\_\_\_ **of** \_\_\_\_

**CERTIFICATION**

I certify that, to the best of my knowledge, all of the information contained in this application form is true and the research as proposed to be conducted by the applicant would comply with all of the standards of the sponsoring institution.

***APPLICANT***

---

Signature

Date

---

**Applicant Name**

**Page** \_\_\_\_ **of** \_\_\_\_

**Curriculum vitae, including complete bibliography.** (attach and number pages as needed)



---

**Applicant Name**

**Page \_\_\_\_ of \_\_\_\_**

**Abstract-Scientific:** Briefly describe your proposed project in 100 words or less using technical language.

**Abstract-Lay:** Briefly describe your proposed project in 100 words or less using non-technical language.

**Description of the research project.** (This must not exceed **ten pages**, excluding references, figures, and tables).

- a. Specific aims (approximately 0.5 page).
- b. Scientific background and clinical significance of proposed work (approximately 1.5 pages).
- c. Previous work/preliminary data (approximately 1.0 page).
- d. Methods (approximately 2.0 pages).
- e. Plans for clinical application of the data (approximately 0.5 page). Clinical research protocols, if part of the application, should be submitted as Appendix material to this section. Include IRB approval date (if protocol has been approved) and IRB Compliance number.
- f. Briefly state how your project will lead to sufficient preliminary data to support a major grant application.
- g. How does this work relate to current work in the field, as well as to work previously performed by the applicant?

---

**Applicant Name**

**Page \_\_\_\_ of \_\_\_\_**

**Letters of support or commitment from collaborators needed to complete the proposed project (if applicable).** (attach and number pages as needed)

**A clear and explicit outline detailing the facilities to be used and the exact space and equipment requirements.**

---

Applicant Name

Page \_\_\_\_ of \_\_\_\_

## BUDGET

### Budget Category

---

#### 1. PERSONNEL:

NAME

ROLE

% EFFORT

TOTAL PERSONNEL:

---

#### 2. SUPPLIES: (Itemize by Category)

TOTAL SUPPLIES:

---

#### 3. EQUIPMENT: (Itemize)

TOTAL EQUIPMENT:

---

Applicant Name

Page \_\_\_\_ of \_\_\_\_

**Budget Category**

---

4. OTHER EXPENSES: (Itemize by Category)

TOTAL OTHER EXPENSES:

---

5. TRAVEL

---

6. TOTAL DIRECT COSTS (1+2+3+4+5)

---

7. INDIRECT COSTS (Maximum: 10% of the total award [i.e. \$8,000].)

---

*To clarify: **Direct Costs** may total \$72,000 & **Indirect Costs** may total \$8,000*

---

8. TOTAL COSTS (6+7)

---

---

**Applicant Name**

**Page** \_\_\_\_\_ **of** \_\_\_\_\_

**Budget Justification:**

Please provide a justification for each item in budget. Use continuation sheets as needed.

---

**Applicant Name**

**Page** \_\_\_\_\_ **of** \_\_\_\_\_

**Biohazards Statement (if applicable).**

**Laboratory Animals Statement (if applicable).**

---

**Applicant Name**

**Page** \_\_\_\_\_ **of** \_\_\_\_\_

**Publications relevant to the proposed project should be included.** (attach and number pages as needed)



---

**Applicant Name**

**Page** \_\_\_\_\_ **of** \_\_\_\_\_

**Other Research Support:**

List all active and pending research support for applicant and for all key personnel named in the application. Include all support available for the proposed work during the project period. For each item, please give the source of support, identifying number, project title, name of principal investigator/program director, annual direct costs, and total period of support.

---

Applicant Name \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

**INTERNATIONAL MYELOMA FOUNDATION  
2022 Brian D. Novis Research Award Senior Grant**

**Application Checklist**

Two (2) complete copies (one original, one photocopy) of the application are required. Use the following checklist to ensure all required materials are submitted and in the proper order.

COMPLETED/ INCLUDED	ITEM
1.	Application provided by the IMF.
2.	Curriculum vitae including bibliography.
3.	The abstract (scientific and lay summary) of the proposed research.
4.	Ten (10) page summary (not to exceed ten pages) outlining the research.
5.	Letters of support or commitment from collaborators needed to complete the proposed project (if applicable).
6.	A clear and explicit outline detailing the facility to be used and exact space and equipment requirements. Any institutional budget requirements in conducting the research. (Institutional overhead must not exceed 10% of the grant award. Do not exceed \$8,000) with budget justification for each line item.
7.	Biohazards statement (if applicable).
8.	Laboratory Animals statement (if applicable).
9.	Publications. One (1) set of the applicant's publications that are relevant to the proposed project should be included. Attach one set to the original application and one set to one (1) copy of the application.
10.	Statement giving details on any other funding for the research.
11.	Letter of recommendation.
12.	Application Checklist.

**Send the original + one photocopy to the International Myeloma Foundation:**

Lisa Paik, IMF Senior Vice President of Clinical Education and Research Initiatives

12650 Riverside Drive, Suite 206

North Hollywood, CA 91607 USA

Email PDF of the application to Lisa Paik at [lpaik@myeloma.org](mailto:lpaik@myeloma.org)

**SENIOR GRANT APPLICATION**