



MULTIPLE MYELOMA  
**Research Foundation**

**Multiple Myeloma Research Foundation  
2014 Research Fellow Award  
Program Guidelines**



# MULTIPLE MYELOMA Research Foundation

## MULTIPLE MYELOMA RESEARCH FOUNDATION

### *2014 RESEARCH FELLOW AWARD*

#### **Program Description:**

The Multiple Myeloma Research Foundation (MMRF) seeks proposals for the MMRF 2014 Research Fellow Award Program, an initiative supporting researchers at the post doctorate/medical fellow or junior faculty levels working under the supervision or guidance of a research mentor in the multiple myeloma field. Applications for the MMRF 2014 Research Fellow Award Program are due April 22, 2014. The goal of this initiative is to help support young investigators to begin their studies in the field of multiple myeloma while advancing the understanding of myeloma disease biology, treatment and drug resistance. Proposals may request up to \$75,000 for one (1) year and will be reviewed by a committee, comprised of myeloma and other oncology or technology experts, appointed by the MMRF.

#### **Key Dates:**

- January 1, 2014 – Request for Applications issued
- April 22, 2014 – Application due date
- September 2014– Applicant notification
- November 2014 – Anticipated funding start date based on contract negotiation

#### **Background:**

Multiple myeloma, a plasma cell malignancy, is currently an incurable but treatable disease with approximately 4-5 new cases diagnosed each year per 100,000 persons in the U.S. Similar rates are seen throughout the world, however there is great variation in incidence when different racial, ethnic and age groups are examined with an anticipated 22,00 new cases to be diagnosed this year in the U.S. alone.

Several therapies are now utilized to help myeloma patients live longer, healthier lives and several promising targets for developing new therapies have been identified in myeloma. The MMRF was founded in 1998 and has raised more than **\$240 million** to fund the most promising multiple myeloma research. As part of its mission to accelerate a cure for multiple myeloma, the MMRF is committed to distributing Research Fellow awards in 2014.

Significant advances in our understanding of the pathophysiology and molecular biology involved in multiple myeloma have identified numerous putative molecular targets for therapeutic intervention including, but not limited to, the proteasome, heat shock proteins, cyclin-dependent kinases, histone modifying enzymes (HDACs, HMTs), FGFR3, IGF1R, cMaf, XBP1, and the PI3K/Akt signaling axis. Therapeutics that interact with these molecular targets are under development. In addition biomarkers that predict response to some of these agents as well as biomarkers that determine prognostic value are also being identified and validated. The MMRF welcomes proposals on any and all multiple myeloma related topics to the MMRF 2014 Research Fellow Award.

**Eligibility:**

Applications for the MMRF 2014 Research Fellow Award Program are solicited from investigators at academic, not-for-profit, institutions. You must be a researcher who holds a Ph.D., M.D. or equivalent degree and has less than 5 years of experience from the highest degree obtained. Post-doctorate and medical fellows applying for the award must work under the supervision of a research mentor in the multiple myeloma field. Investigators at the level of assistant professor who are beginning studies in the multiple myeloma field and are thereby applying for this award must have a research sponsor at their institution who is in the multiple myeloma field and can provide guidance to the applicant in the area of the project proposed.

**Process:**

All applications are due on **Tuesday, April 22<sup>th</sup> at 5:00 PM EST** and **must** be submitted via ProposalCENTRAL (<https://proposalCENTRAL.altum.com>). No paper applications will be accepted.

An ad hoc scientific review panel will review applications and provide a scientific rating for each proposal. The Award Committee will consider most favorably early research that appears promising but is not currently receiving funding. 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 knowledge of myeloma etiology, diagnosis, treatment, or prevention.

**Funds Available:**

Proposals may request up to \$75,000 total costs, including up to 10% indirect costs, for a one (1) year period.

**Multiple Myeloma Research Foundation  
2014 Research Fellow Award Program  
Application Instructions**

**A. General Requirements**

- a. Relevance:** Proposed preclinical research in multiple myeloma, which is intended to develop innovative approaches to treatment and further the understanding of myeloma biology and the development of innovative therapies.
- b. Required Format:** Applications must be in English, using single-spaced text, half-inch margins, using either 10 pt font Arial, 10 pt font Courier or 12 pt font Arial or 12 pt font Times New Roman. Page limitations must be observed for each section as described below.
- c. Good Standing:** Applications will only be accepted from research investigators who are currently in good standing with the MMRF. An applicant will automatically be considered to be in good standing unless he or she has failed to provide progress reports on prior MMRF-funded grants.
- d. Compliance:** In an effort to ensure individual and institutional compliance with the terms of this proposal, please indicate if you are aware of any outstanding legal, administrative, financial, or scientific matters between the applicant organization and the MMRF.
- No \_\_\_\_\_  
Yes (please explain) \_\_\_\_\_  
\_\_\_\_\_
  - Has your institution previously been able to reach consensus with the MMRF on contractual, legal, and administrative matters?  
Don't Know \_\_\_\_\_ Yes \_\_\_\_\_  
No (please explain) \_\_\_\_\_  
\_\_\_\_\_

*(Note: providing explanations to either question in (d) does not preclude you from applying nor exclude you from being awarded a grant. For additional information, please contact [levyj@themmr.org](mailto:levyj@themmr.org).)*

- e. Deliverables:** Any publication or presentation which results in whole or in part from support provided by the MMRF must be acknowledged. An electronic version of the MMRF logo and guidelines for its use will be provided at the time of contracting.

***Please complete the Compliance statement (d) and submit either as a scanned electronic document and send to [levyj@themmr.org](mailto:levyj@themmr.org) or fax to (203) 972-1259.***

**Note: Sections B – E should be completed in the template titled “Prerequisite Information” which is provided as a downloadable file to applicants on proposalCENTRAL. Download the template; complete each section, save the document and upload as a single PDF file.**

## **B. Abstract**

This Section should contain the following:

- 1) A General Audience abstract: briefly describe your proposed project in 100 words or less using non-technical language (i.e. at a level so an eighth grader would understand)
- 2) A Technical abstract: briefly describe your proposed project in 100 words or less using technical language.

## **C. Biographical Sketch**

This Section should contain the biographical sketches of the Principal Investigator and all key personnel. This includes any personnel who are referenced in the budget. Do not exceed two pages per biographical sketch.

## **D. Budget**

Please provide a detailed budget and budget justification fully outlining specific needs for professional and technical staff and itemized supplies by category.

All budget items should be explained under *Budget Justification*.

## **E. Other Research Support**

Other support is defined as any specific funds or resources, whether governmental, non-governmental or institutional, available to the Principal Investigator (and other key personnel named in the application) in direct support of their research endeavors. This should include active support and pending support.

Information regarding active or pending sources of support available to the Principal Investigator (and other key personnel named in the application), whether related to this application or not, is an important part of the review and award process and must be included.

**Note: Sections F - G should be completed in the template titled “Application Template” which is provided as a downloadable file to applicants on proposalCENTRAL. Download the template; complete each section, save the document and upload as a single PDF file.**

## **F. Project Description**

Limited to **5 pages, excluding** supporting materials such as references, figures, and tables (*see Section G regarding submission of supporting materials*). The project description should be presented in the following sequence:

- a) Specific Aims (approximately 0.5 pages)

- b) Scientific Background and Clinical Significance of Proposed Studies (approximately 1.0 pages)
- c) Previous Work/Preliminary Data (approximately 1.5 pages)
- d) Methods, Model Systems and Assays Proposed (approximately 1.0 pages)
- e) Plans for Clinical Application of the Data, if applicable (approximately 0.5 pages)
- f) Resources and Environment (approximately 0.5 page)

Clinical research protocols, if part of the application, should be submitted as Appendix material. Include IRB/Ethical Committee approval/compliance number, or indicate pending and an anticipated approval date.

#### **G. Supporting Materials (References, Figures and Tables)**

Referenced publications in the Project Description, Figures, and Tables should be submitted but do not count against the five (5) page limit in Section F of the Project Description.

***Note: There is no template provided for Sections H – K. These documents need to be uploaded as separate PDF files. Please see each section for any specific instructions or notes.***

#### **H. Letter of Support**

As this award is for junior level investigators (less than 5 years post graduate degree or equivalent), each application must have a letter from a senior faculty member stating that they are willing and able to commit to mentor and/or guide the applicant on an as needed basis.

#### **I. Laboratory Animals Statement**

For projects which involve laboratory animals, the Institutional Animal Care and Use Committee (IACUC) Approval Date and Animal Welfare Assurance number must be given. Non US applicants should submit approval documentation from the Animal Ethics Committee.

***Note: If the applicant has documentation to submit (in addition to what is described above) then this documentation needs to upload as a PDF file.***

#### **J. Biohazards Statement**

An institutional statement and assurances regarding potential biohazards and safeguards must be included. This may not be applicable to applicants from countries outside the US.

***Note: The Department of Environmental Health and Safety (or equivalent office) at most institutes and universities can provide the applicant with a letter stating that the laboratory and/or the applicant is in compliance with applicable laws. This is the document that should be submitted.***

#### **K. Relevant Publications**

A set of the applicant's publication reprints which are relevant to the proposed project can be included. Please be aware that any password protection feature **must** be removed. Many articles

when downloaded from journal sites contain password protection to prevent modifications of the document. Please note if the password protection is not removed, reviewers will have difficulty in downloading your application. **Limit:** applicants will be limited to five (5) publication reprints. Applications with more than five (5) publications will not be accepted. Submitting numerous large files adds to the download time of your application and can add time delays to the submission site.

**Note:** *Applicants can either include all publications in one document as a Publication Appendix or submit each publication as a separate Appendix. Include in the name of the document(s) or Appendix(s) the following: 1) Applicant's last name and 2) description of the document or appendix. For example: Smith Publication Appendix. PDF (one document with all publications) or Smith Paper on Mouse Model X. PDF and Smith Paper on Myeloma Drug Y. PDF, etc.*

**L. Signatures:** The signature page is provided as a printable document and is the last step before submitting the application. Applicants should print the signature page, sign (applicant) then have appropriate institutional representatives sign the document such as the Institute Signing Official and Finance Officials. *Please check with your institute's Office of Sponsored Programs to ensure you are obtaining the appropriate signatures.* Once signed, the document needs to be scanned, converted to a PDF and uploaded with the grant application. **Note: This signature page needs to upload as a PDF file. See Section M: Complete and Submit the Application for instructions.**

**M. Complete and Submit the Application:**

Applicants and institutes' Office of Sponsored Programs need to register with proposalCENTRAL (<https://proposalCENTRAL.altum.com>). Applicants must submit a complete application using proposalCENTRAL. Paper applications will not be accepted.

**Applications must be submitted via proposalCENTRAL by 5:00 PM EST on April 22, 2014**  
**Applications received after this date will not be considered.**