

Research Support Announcement

2025 MSTS Request For Applications (RFA)- Bone Metastasis Research Award

I. Key Dates

- RFA Release Date: July 22, 2025
- Application Deadline: October 13, 2025 (pdf file to info@msts.org)
- Peer Review: October/November 2025
- Funding Announcements: December 2025
- Start Date: February 1, 2026
- End Date: January 31, 2027 (a No Cost Extension is possible until December 31, 2027)
- Final Reporting: Due within 6 months of completion of research. It is expected that awardees will submit abstracts of their findings to the MSTS Annual and/or Specialty Day meetings

II. Program Description

The MSTS, in partnership with the OREF, will provide a \$25,000 one-year grant for innovative research in metastatic bone disease (MBD). The MSTS recognizes the urgent need to provide members with opportunities to perform clinical, translational, or basic research in MBD by exploring subjects such as comparative clinical trials, biomarkers, immunotherapy, bone-modifying agents, genomic profiling, bone pain, minimally invasive procedures, artificial intelligence, prospective registry, and other contemporary research concepts. Descriptive research on data collection will be of a lesser priority. It is expected that recipients of this award will apply for NIH R03/R21/R01 or OREF Grants within 2 years of the last grant funding cycle. Recipients are expected to attend an institutional, regional, or national grant writing / research development workshop.

III. Eligibility

One member of the study team must be an MSTS member in good standing at an institution with an appropriate research infrastructure. **Recipients of NIH R01 or equivalent federal grants, K- grants, and prior OREF grants are eligible to apply.**

IV. Grant Application Format and Page Limit (Arial font Size 11; 0.5-inch margin top, bottom, right, left)

- Cover Page (SF 424 R&R form; <https://grants.nih.gov/grants-process/write-application/forms-directory/standard-form-424-research-related>)
- NIH-format 5-page biosketches for the PI and other Key Personnel (samples and forms are available at <https://grants.nih.gov/grants/forms/biosketch.htm>)
- One-Page Specific Aims
- Up to 6-page Research Plan including figures (Significance, Innovation, Approach including Preliminary Data)
- Literature Cited; IRB/IACUC approval; Letters of support; Other forms (Not included in the page limit)
- IACUC/IRB approval will be required before funds are disbursed
- An itemized budget must be included. Institutional indirect costs are not allowed.

V. Review Criteria & Peer Review

NIH Review Format: Overall Impact (Significance; Innovation; Investigators; Approach; Environment; Fitness to Bone Metastasis Research). The proposal will be reviewed by MSTS Research Committee members. Established MSTS investigators may be recruited as reviewers on an *ad hoc* basis.

VI. Inquiries

Bang Hoang, MD, Research Committee Chair (info@msts.org)