

## A SPECIAL BSF CALL FOR PROPOSALS IN TRANSFORMATIVE SCIENCE

The U.S. – Israel Binational Science Foundation (BSF) is pleased to announce the opening of the 8th round of applications in its Transformative Science program. For complete details of the program and submission instructions please consult the BSF website ([www.bsf.org.il](http://www.bsf.org.il)) under ‘Guidelines & Forms’. Some of the terms of this competition are as follows:

1. The BSF definition of Transformative Science has been adopted from the NSF and is:  
**"Research driven by ideas that have potential to radically change our understanding of an important scientific concept, or lead to the creation of a new paradigm, or a new field of science. Such research is also characterized by its challenge to current understanding or by its pathways to new frontiers".**
2. Proposals will be evaluated first and foremost on their transformative nature, but naturally also need to exhibit scientific excellence. **Remember-we seek non-conventional and high risk ideas that involve scientific breakthroughs. We are not interested in technological breakthroughs that are not associated with scientific ones.**
3. Applications must be submitted jointly by at least one Israeli and one American scientist, as required in all BSF programs.
4. Applications must be submitted through a non-profit institution or agency. The BSF accepts research applications from institutions of higher learning, government research institutions, non-profit hospitals and other non-profit research organizations.
5. Collaboration with industry partners is permitted but the industry partner may be a PI only if he does not request funding.
6. Grants will be managed through the institutions that made the application.
7. Transformative Science projects may be up to 3 years in duration, and will receive up to \$100,000/year, which may be divided among the PIs, according to their preference.

8. Applications to the Transformative Science program will be processed using a two tier submission process, starting with a short pre-proposal, followed by full proposals of selected applications.
9. Applications will be sent for external reviews worldwide, and the BSF cannot assure the proprietary nature of the proposal.
10. Up to 2 grants will be approved each year. Selection of the recommended applications will be made by a special expert panel consisting of both Israeli and American scientists with interdisciplinary backgrounds. However, the BSF Board of Governors will make the final decision as to the number of grants to award (1 or 2), if any.
11. **BSF allows Transformative Science grantees to hold also a regular BSF grant or a NSF-BSF grant. Applicants may submit applications to this program and other concurrent BSF or NSF-BSF programs, including largely similar research programs. However, BSF will not award two grants to similar, or overlapping research programs.**
12. **Applicants will not be allowed to submit a pre-proposal to the program in consecutive years. Applicants to the 2016 round are not eligible to submit this year.**
13. **Pre-proposals will be submitted online using the relevant BSF submission system, not later than April 25, 2017. The BSF website will be open for submission on March 1, 2017.**
14. **Announcement of the applications that are selected for submission of full proposals is expected to be made by mid-June, 2017.**
15. **Full proposals will be submitted online using the relevant BSF submission system, not later than Aug. 31, 2017.**
16. Final results are expected mid-February, 2018.
17. Applicants are requested to acquaint themselves with the BSF regulations before they submit an application. The forms and regulations can be downloaded from the BSF website ([www.bsf.org.il](http://www.bsf.org.il)) under 'Guidelines & Forms'.



Scientists planning to submit a proposal to this special BSF program are welcome to discuss the proposal with the BSF management by mail or phone (972-2-5828239):  
Dr. Yair Rotstein (yair@bsf.org.il; ext. 105) or Dr. Rachel (Heni) Haring (heni@bsf.org.il; ext 110). Questions regarding the online application system should be directed to Ms. Orli Rozencwaig (orli@bsf.org.il; ext .109) or Eti Alfandary (eti@bsf.org.il; ext 101).