The Yale Cancer Center (YCC) T-TARE award provides $50,000 to $200,000 to groups of two to five investigators, led by a YCC member, in support of translational research projects having the potential to achieve extramural funding (i.e., R01, P01 or P50).

**Award Amounts**
From $50,000 to $200,000 for one year.

**Quarterly LOI Submission Dates**
October 30, 2019; January 31, April 30, July 31, October 30, 2020

**Purpose**
To provide seed money to YCC Disease-Aligned Research Teams (DARTs) and members of the YCC community in support of translational studies in order to generate preliminary data and evidence of collaboration sufficient to obtain extramural funding, such as multi-investigator R01, P01, or SPORE (P50) grants. Applications consistent with this request for applications (RFA) include investigator-initiated trials (IITs) having a significant translational component and multi-project translational programs aimed at P01 or SPORE applications.

**Eligibility**
Principal investigators (PIs) who are members of the YCC or faculty who have applied for YCC membership may apply.

**Requirements**
PIs and all project leaders must agree to abide by grant guidelines (see page 3).

**Review Criteria and Process**
Major review criteria for this award are translational impact, scientific excellence, and the likelihood that the proposed program will result in (a) the advancement of a novel therapeutic or therapeutic strategy from early phase investigation to more advanced clinical study and/or (b) the submission of a multi-investigator grant application, such as an R01, P01 or P50.

Proposed projects must meet the NCI’s definition of translational research:
“translational research uses knowledge of human biology to develop and test the feasibility of cancer-relevant interventions in humans and/or determines the biological basis for observations made in individuals with cancer or in populations at risk for cancer.”

Applications will undergo a two-step review process: (1) Letters of intent will be solicited to confirm project alignment with T-TARE objectives. (2) A limited number of proposals will be invited to submit a full application for review by YCC Research Program leaders and YCC members as may be designated by those leaders. T-TARE award applications do not need to be sent to the Office of Sponsored Projects.

**Information**
Roy Herbst (roy.herbst@yale.edu) or Ed Kaftan (edward.kaftan@yale.edu)
Application Guidelines
Phase 1: Letters of Intent

Due: Quarterly

Letters of intent shall include the following:

1. Descriptive proposal title
2. PI name and contact information
3. Senior and/or key personnel names
4. Statement regarding the overall objective of the project, describing the potential to (a) advance a novel therapeutic or strategy or (b) result in the submission of a translationally focused grant application
5. Specific aims

Phase 2: Full Applications

Due: Two months after LOI submission

Overall for multi-project applications to be submitted from the Principal Investigator

1. Face page to include
   a) application title
   b) PI name, title, department, and contact information
   c) project titles
   d) project leader name(s), title(s), and department(s)

2. Abstract (500 word maximum) of overall project
3. Description (500 word maximum) of how the proposed program will facilitate (a) the clinical advancement of a novel therapeutic or strategy or (b) the acquisition of a new multi-investigator cancer research grant
4. Description (two pages) of overall aims, background and significance.
5. Consolidated budget incorporating all proposed projects, signed by PI’s business office.
6. NIH biosketch for PI
7. NIH other support for PI

For each Project (either single or multi-project applications)

1. Face page to include
   a) project title
   b) project leader name(s), department(s), and contact information
   c) project personnel name(s), department(s), and contact information

2. Abstract (300 words maximum) for the project
3. Specific Aims (three pages) for each project, including background and significance, preliminary data, and experimental design and methods
4. Budget for each project signed by project leader’s business office
5. NIH biosketches for project leader and all collaborating faculty
6. NIH other support for project leader and all collaborating faculty
7. Status of human subject protocols, including protocol number, approval date, approval period, and title
8. Status of vertebrate animal protocols, including protocol number, approval date, approval period, and title
9. Appendix including letters of collaboration and up to two relevant reprints or manuscripts
Application Guideline Notes
Actual awards may be less than the requested amount.

Protocols need not obtain IRB/ IACUC approval prior to submission, but funding may be contingent upon approval.

NIH format restrictions apply (Arial 11 font; margins one-half inch all around). Figures are included in the page limit; references are not included in the page limit.

Grant Guidelines
Award acceptance indicates agreement to abide by the following guidelines. Failure to abide by these guidelines may jeopardize future eligibility.

Acknowledgements
• All publications resulting from research supported by this grant shall contain the following acknowledgement: “This research was supported in part by a pilot grant from the Yale Cancer Center.”

Progress Reports
• All publications and/or grants resulting from this award must be promptly reported in progress reports or supplemental progress reports, if after completion of the above reporting cycle.

• During the funding period, recipients will be asked to meet for a review of progress and to submit written progress reports. Grant recipients shall respond promptly to requests for information from the scientific leadership and administrative staff.

Expenditures
• Funds shall be expended in full during the one-year duration of the grant. Spending will be monitored, and unspent funds may be reclaimed if spending lags significantly.

• Use of funds shall be restricted to those allowable expenses outlined below.

• Given the intent of this funding mechanism to result in an application for external funding within one year, cost extensions are not encouraged; however, a single extension of up to six months with no additional funds will be considered on a case-by-case basis upon written request with justification from the PI. All such requests must be received no less than 30 days before the original end date of the grant.

Expenditures Allowed
• no more than 25% effort (salary and fringe) for any personnel working on this research project
• personnel support for biostatistical analysis (no more than 25% effort)
• laboratory supplies and expenses, including animal costs
• user fees for YCC Shared Resources and Core Facilities
• costs related to tissue collection and analysis
• equipment costs (up to $2,500). Title to equipment shall be vested in the Institution

Expenditures NOT Allowed
• faculty salary support
• secretarial/administrative personnel
• office equipment and supplies; office and laboratory furniture
• tuition
• publication costs, including reprints
• registration fees for scientific meetings
• purchasing or binding of periodicals and books
• dues and membership fees in scientific societies
• travel expenses