We invite applications from faculty seeking seed funding to provide data for the development of new extramural grant applications. Awards are up to $10,000, and funds must be used for projects that use Shared Facilities, including the ICTR cores specified below. Applications must be planned in consultation with the director(s) of the resource(s) and service(s) requested, who will help develop and approve the requested budget. Funds may not be used to purchase equipment or for salary support. Any CTSA funds awarded must be expended by 4/30/2018. Projects supported under this program must be clinical or translational in design or implementation. ¹

Catalytic Seed Grant (CSG) projects that involve human subjects must include a plan to ensure appropriate protections of human subjects, data and safety monitoring, and scientific integrity. A “Protection of Human Subjects” section is required that should clearly describe the risks, protections, benefits and importance of the knowledge to be gained. You must also have IRB approval for your project when you submit it to the ICTR, since all such CSG projects involving human subjects will require prior approval by the NIH. If you are uncertain about the requirements for your project, please contact the Einstein-Montefiore IRB http://www.einstein.yu.edu/administration/institutional-review-board/.

Applications for seed funding must fall into one of three categories (priority for funding will be given to key areas of CTSA and institutional investments):

1. **Outcomes research and implementation science projects** within the Montefiore Health System. Applicants must consult with Dr. Parsa Mirhaji (parsa.mirhaji@einstein.yu.edu) for issues related to health data and informatics and with Dr. Michael Rinke (mrinke@montefiore.org) for scientific and health system feasibility. **Awards up to $10,000.**

2. **Life span research and studies in special populations** (applicants should consult with Dr. Frederick Kaskel (frederick.kaskel@einstein.yu.edu), CTSA core director for life span research). It is recommended that the project include investigators who are experts in one of the following disciplines: pediatrics, geriatrics, obstetrics, or population health research. **Awards up to $10,000.**

3. **New Investigator-initiated proposals that build on a currently-funded grant award:** projects that seek to develop new translational research directions and that propose the use of cores and shared facilities (applicants must work with the respective facility to develop their budget, [http://www.einstein.yu.edu/research/shared-facilities/](http://www.einstein.yu.edu/research/shared-facilities/)). Projects aimed at developing Therapeutics should consult with Dr. John Blanchard (john.blanchard@einstein.yu.edu), the Chemical Biology Core interim scientific director, to develop the scientific project and budget. **Award limits for this category will be $5,000 for use of Cores and Shared Facilities.** Applicants must have at least one current grant at the time of the proposed CSG.

All applications must be submitted electronically at [http://www.einstein.yu.edu/centers/ictr/catalytic-seed-grants/](http://www.einstein.yu.edu/centers/ictr/catalytic-seed-grants/). Requests will be considered as they are received, and will be reviewed promptly by the ICTR Scientific Review Committee. **Funding decisions will not be accompanied by written reviews.**

¹ At right, figure depicting translational research as defined in the 2013 IOM report on the CTSA program.

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**FIGURE 1-1** Operational phases of translational research (T0–T4). SOURCE: Adapted with permission from Macmillan Publishers Ltd.: *Nature Medicine* (Blumberg et al., 2012), copyright 2012.