



Philanthropic opportunities to fund the BU Center for Regenerative Medicine

Tier 1: Equipment Support (\$10,000) and Pilot Project Funding (\$50,000):

These donations fund either small equipment items or pilot projects designed to develop stem cell-based therapies for select target diseases (e.g. diseases of the lung, gut, or blood, including cystic fibrosis, emphysema, Inflammatory Bowel Disease, Sickle Cell Disease, and Amyloidosis)

Tier 2: \$50,000-100,000: The International Pluripotent Stem (iPS) Cell Bank

This donation establishes a named Stem Cell Bank, and further develops BU's bank of novel stem cell lines that are supplied free of charge to investigators around the world. This unique bank houses 'disease-specific stem cells' obtained from patients suffering from a variety of disorders of the lungs, blood, gut, and liver. The stem cells are derived by BU investigators using patented 'reprogramming' technology developed at Boston University that allows the generation of stem cells from small skin biopsies taken from patients. The entire cell bank inventory, including detailed scientific protocols on how to work with the cells are available free of charge to the international research community by visiting: www.bumc.bu.edu/stemcells

Tier 3: \$250,000-\$500,000: Programmatic Funding

This donation supports one of 6 established Regenerative Medicine Research Programs within the BU Center for Regenerative Medicine. These programs are advanced collaborations of groups of established investigators targeting a specific organ with the purpose of treating a number of diseases that affect that organ or tissue. Research Programs focused on diseases affecting the lungs, bone, gastrointestinal tract, and blood are already established, and new Research Programs focused on biomedical engineering approaches to solve stem cell delivery hurdles have recently been launched. Named Research Programs allow for significant advancement of focused research initiatives designed to develop treatments for which current therapies are inadequate. Typically investigators meet personally with donors to provide milestones and updates on these research initiatives. Details of each of the current Research Programs may be found at www.bumc.bu.edu/stemcells

Tier 4: Center-wide support for a named Center for Regenerative Medicine (\$5M-\$10M)
Those interested in Center-wide support to achieve the long term goals and mission of the CReM are encouraged to directly contact the CReM Directors listed on the 'contact us' web link.