

**Summary for projects submitted to the Appropriations Committee for the FY10  
Appropriations Cycle**

**The proposed recipient:** New York University Langone Medical Center

**Address of the recipient:** 3 Park Avenue, 15th Floor  
New York, NY 10016

**The amount of the request:** \$3,000,000

**Purpose of the project and why it is a good use of taxpayer funds:** Infectious Disease is an area of extraordinary expertise at the NYU School of Medicine, involving numerous scientists from multi-disciplines. This Center of Excellence will foster the collaboration of these researchers across the campus, using shared resources in both knowledge and equipment. In addition to the traditional infectious agents of disease, there has been a growing realization that the microbes that live in the human body have important roles in both our health and in disease. This has initiated studies of the human microbiome that have the potential to understand human metabolism, immunology, and physiology, by understanding the contributions of our microbial residents, and understanding communication with our cells and tissues. It now is clear that our residential microbes, when perturbed contribute to disease, including such maladies as stomach ulcers, certain cancers, obesity, inflammatory bowel disease, esophageal diseases, and possibly diabetes, atherosclerosis, and dementia. Support for this program and its research is vital to building the infrastructure needed to allow our scientists to make contributions to both improved health, as well as technological advances in biomedicine.