

## DEAR COLLEAGUES,

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The striking photo that graces the cover of NYU School of Medicine's *2016 Research Report* reminds us of the power of science to inspire wonder and awe. Like the best art, its abstraction invites us to look deeper and more critically for meaning. Today, with so many advanced imaging tools at our disposal, we're doing just that with unprecedented resolution, slowly but steadily peeling back the layers of complexity that obscure the living world. Imaging, so central to biomedical research, makes a particularly rich theme for this year's report.

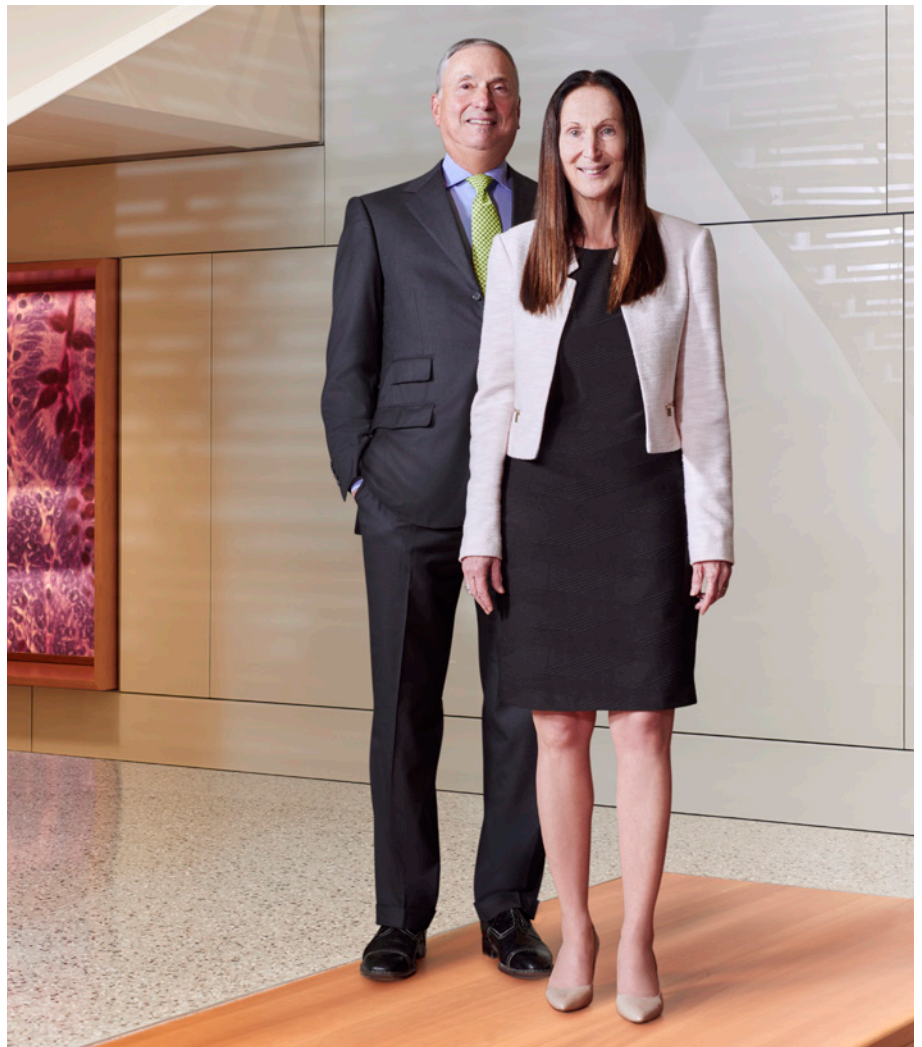


NYU School of Medicine's placement in *U.S. News & World Report's* 2017 Best Graduate Schools Rankings jumped to #11, while NYU Langone placed among the top 10 hospitals nationwide in *U.S. News & World Report's* 2017 Best Hospitals Rankings.

On the following pages, you will read about the many innovative ways in which our investigators are using optics and visualization techniques to advance our understanding of science and medicine. Their unique perspectives provide a fascinating window into a wide range of pressing health conditions, from diabetes and obesity to heart disease and autoimmune disease.

The research showcased here also reflects our continued success in attracting funding when more and more investigators nationwide continue to compete for fewer and fewer dollars. Our total grant revenue totaled \$328 million in 2016. As our funding grows, so does our community of leading investigators. We plan to double our research capacity over the next five years. Accordingly, we will open an expansive biomedical research building next year that will provide 10 floors of state-of-the-art laboratory space. Central to the building's design is a bridge that connects it to existing research facilities and Tisch Hospital, promoting communication between clinicians, researchers, and students.

The connection is a physical reminder of our trifold mission, which—in addition to biomedical research—embraces medical education and patient care. Last year brought exciting news in these areas. NYU School of Medicine's placement in



*U.S. News & World Report's* 2017 Best Graduate Schools Rankings jumped to #11, up from #14 the year before. In addition, for the first time in its history, NYU Langone placed among the top 10 hospitals nationwide in *U.S. News & World Report's* 2017 Best Hospitals Rankings, coming in at #10 after ranking #12 last year.

Our continued success as a leading academic medical center depends, in large part, on our team of gifted, enterprising scientists, some of whom you will meet in these pages. Their interests and insights in basic, translational, and clinical research vary widely, but all of them share the same noble goals: to improve the way disease

is diagnosed and treated, to shorten the distance from the research bench to the patient bedside, and to alleviate human suffering.

**ROBERT I. GROSSMAN, MD**  
THE SAUL J. FARBER DEAN  
AND CHIEF EXECUTIVE OFFICER

**DAFNA BAR-SAGI, PhD**  
SENIOR VICE PRESIDENT AND  
VICE DEAN FOR SCIENCE,  
CHIEF SCIENTIFIC OFFICER

