

ENGINEERING *is...*

Exploring the Biomatrix *like Never Before*

Thanks to a \$4.5 million grant from the Endre A. Balazs Foundation, the School of Engineering is now the home of the new Biomatrix Research Center, located in a state-of-the-art facility on Manhattan's Health Corridor. The Center houses a research group overseen by Mary Cowman, Associate Dean for Bioengineering and Professor of Biochemistry and Bioengineering, and is expected to be the site of much groundbreaking and award-winning work.

The Center is serving as an important link between the School of Engineering and the NYU School of Medicine, College of Nursing, College of Dentistry, and all other university units with interests in human health and wellness. Many of its scientists will be studying hyaluronan, a unique polysaccharide molecule with vast therapeutic potential.

Areas of research *at*
the Biomatrix Research Center
include:

- The structure, function, and therapeutic potential of the microenvironment surrounding cells
- Control of cell-biomatrix communication to combat inflammation
- Bio-inspired materials, diagnostic assays, and novel therapeutic agents
- Improved wound healing, cartilage repair, and cancer diagnosis and treatment



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