

## New York Eye and Ear Infirmary of Mount Sinai: Past, Present, and the Future Webinar



As America's first eye specialty hospital, New York Eye and Ear Infirmary of Mount Sinai (NYEE) continues its 200-years of leadership in advancing ophthalmology, vision science, and education. I am proud to share the **Past, Present, and Future Webinar** where our world-class faculty discuss our development and application of the latest research and technologies that will revolutionize patient care.

From microsurgical robotics, capable of delivering cellular therapies, to artificial intelligence and the latest imaging technology, which is mapping and identifying different patterns of visual loss and cellular changes, NYEE clinicians and scientists are pioneering the next generation of diagnostic tools and therapies, capable of treating blinding diseases such as glaucoma, diabetes, macular generation, and retinitis pigmentosa.

With so many groundbreaking projects underway and the largest residency program in the nation, NYEE is the premier site for patient care, research, and training the ophthalmic leaders of tomorrow.

Sincerely,



James C. Tsai, MD, MBA  
President, New York Eye and Ear Infirmary of Mount Sinai  
Delafield-Rodgers Professor and Chair  
Department of Ophthalmology  
Icahn School of Medicine at Mount Sinai  
Mount Sinai Health System

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### PANELISTS & TOPICS

**Bo Chen, PhD**  
*Neuroregeneration in Vision Restoration*  
(Time Stamp: 3:44 & 39:25)

**Toco Y. P. Chui, PhD**  
*In Vivo Cellular Imaging of the Human Retina*  
(Time Stamp: 9:01 & 42:34)

**Sean A. Ianchulev, MD**  
*Micro-Surgical Robotics*  
(Time Stamp: 13:40 & 45:40)

**Richard B. Rosen, MD**  
*Quantitative Assessment of Retinal Vasculature Using OCT Angiography*  
(Time Stamp: 20:44 & 48:51)

**Louis R. Pasquale, MD**  
*Insights Into Glaucoma Gained From Artificial Intelligence*  
(Time Stamp: 25:30 & 50:43)

**Douglas R. Fredrick, MD**  
*Saving Sight Through Education*  
(Time Stamp: 33:35 & 52:34)