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## JOSEPH R. BERTINO MEMORIAL LECTURE DECEMBER 17, 2024, 3:00-4:00 PM Followed by Reception

This event will celebrate the life of Dr. Joseph R. Bertino, former Interim Director and Chief Scientific Officer of Rutgers Cancer Institute, and examine clinical, laboratory and translational research in the areas of cancer and hematologic disorders.

We hope you will join us.

**Speaker: Yang-Yu Liu, PhD**, Associate Professor, Harvard Medical School, Associate Scientist, Brigham and Women's Hospital

Dr. Yang-Yu Liu is an Associate Professor of Medicine at Harvard Medical School and an Associate Scientist at Brigham and Women's Hospital. He received his Ph.D. in Physics from the University of Illinois Urbana-Champaign in 2009. Following his doctorate, he embarked on a postdoctoral research fellowship, progressing to a research assistant professorship at Northeastern University's Department of Physics and Center for Complex Networks Research from 2009 to 2012. During this period, his groundbreaking work on the controllability and observability of complex networks earned the spotlight in prestigious scientific publications, including a cover story in *Nature*, a cover story in *PNAS*, and a review article in *Reviews of Modern Physics*, among others, garnering widespread media attention. Currently, he is interested in investigating low microbial biomass samples (e.g., blood samples) via new sequencing techniques to uncover microbial biomarkers critical for cancer diagnosis and subtyping. He is also interested in developing live biotherapeutic products for cancer treatment.



For more information, visit [cinj.org/BertinoLecture](http://cinj.org/BertinoLecture)

