# Genomics: From Disease to Healthcare

March 21 (Thu.) 1:00pm - 5:30pm The University of Tokyo New York Office 145 west 57th Street 21st Floor, New York 10019

### Lectures >>

Trans-ancestry genomic analysis of gastric cancer reveals unique cancer risk factors in Japanese and East Asian populations
 Tatsuhiro SHIBATA [IMSUT]

 Cancer genomics and cancer disparities research at the New York Genome Center
 Nicolas ROBINE [New York Genome Center]

 Clinical cancer genomics as a driver of advances in oncology
 Marc LADANYI [Memorial Sloan Kettering Cancer Center]

 Understanding the function of non-coding DNA
 Natsuhiko KUMASAKA [IMSUT]

Clinical applications of cell-free DNA screening by next generation sequencing Yoshiko MITO [Icahn School of Medicine at Mount Sinai]

Metagenome analysis leads a paradigm shift in health/medical care Seiya IMOTO [IMSUT]

Organized by the Institute of Medical Science, the University of Tokyo (IMSUT) Cooperated by UTokyoNY



The Institute of Medical Science The University of Tokyo



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🗹 Free Admission

🗹 Pre-registration

is required

## IMSUT NY Seminar 2024 PROGRAM

#### March 21 (Thu.) 13:00 - 17:30

- Facilitator : Yuichiro KUWAMA [Mount Sinai Hospital ] Yoshiko MITO [Icahn School of Medicine at Mount Sinai]
- 13:00-13:10 **Opening remarks / Greeting from Dean of IMSUT** Makoto NAKANISHI, Dean of IMSUT
- 13:10-13:50 Trans-ancestry genomic analysis of gastric cancer reveals unique cancer risk factors in Japanese and East Asian populations Tatsuhiro SHIBATA [IMSUT]
- 13:50–14:35 Cancer genomics and cancer disparities research at the New York Genome Center Nicolas ROBINE [New York Genome Center]
- 14:35–15:20 Clinical cancer genomics as a driver of advances in oncology Marc LADANYI [Memorial Sloan Kettering Cancer Center]

#### 15 : 20-15 : 30 **COFFEE BREAK**

- 15:30–16:10 Understanding the function of non-coding DNA Natsuhiko KUMASAKA [IMSUT]
- 16:10-16:50Clinical applications of cell-free DNA screening by next generation sequencing<br/>Yoshiko MITO [Icahn School of Medicine at Mount Sinai]
- 16:50–17:30 Metagenome analysis leads a paradigm shift in health/medical care Seiya IMOTO [IMSUT]

Closing remarks Tatsuhiro SHIBATA [IMSUT]

17:30-18:30 Post-seminar Discussion with refreshments and drinks