Day 1 - March 31 (Thursday) 8:30 AM - 10:40 AM KST: Oncology

8:30 AM

Opening Remarks

Hee-Mok Won
Chairman
Korea Pharmaceutical and Bio-Pharma Manufacturers Association

John Roberts
Executive Director (Interim), MIT Corporate Relations

John Roberts has been Executive Director of MIT Corporate Relations (Interim) since February 2022. He obtained his Ph.D. in organic chemistry at MIT and returned to the university after a 20-year career in the pharmaceutical industry, joining the MIT Industrial Liaison Program (ILP) in 2013. Prior to his return, John worked at small, medium, and large companies, holding positions that allowed him to exploit his passions in synthetic chemistry, project leadership, and alliance management while growing his responsibilities for managing others, ultimately as a department head. As a program director at MIT, John built a portfolio of ILP member companies, mostly in the pharmaceutical industry and headquartered in Japan, connecting them to engagement opportunities in the MIT community. Soon after returning to MIT, John began to lead a group of program directors with a combined portfolio of 60-80 global companies. In his current role, John oversees MIT Corporate Relations which houses ILP and MIT Startup Exchange.
Dr. Tyler Jacks is a world leader in the field of cancer genetics and is known for his groundbreaking work on the development of genetically-engineered mouse models of cancer (GEMMs). Over the course of his academic career, he has published over 200 peer-reviewed papers along with numerous review articles and book chapters. Dr. Jacks graduated magna cum laude with a BA in Biology in 1983 from Harvard College before becoming a graduate student in the laboratory of Dr. Harold Varmus at the University of California, San Francisco, where he showed that ribosomal frameshifting during translation gives rise to the gag-pol protein of the Rous sarcoma virus, HIV-1 virus and mouse mammary tumor virus. He went on to demonstrate that a stem-loop structure and RNA sequence making up the frameshift site are required for efficient frameshifting in vitro. In 1998, Dr. Jacks returned to Cambridge, Massachusetts, to join Dr. Robert Weinberg’s group as a post-doctoral fellow at the Whitehead Institute, where he developed several GEMMs, including the Rb, p53 and Nf1 mice. In 1992, Dr. Jacks became an assistant professor in the MIT Department of Biology and a member of the MIT Center for Cancer Research, which became the Koch Institute for Integrative Cancer Research at MIT in 2011. In 1994, he became an Assistant Investigator at the Howard Hughes Medical Institute and was promoted to Investigator in 2002. In 2001, Dr. Jacks became Director of the MIT Center for Cancer Research, later the Koch Institute for Integrative Cancer Research at MIT, and recently stepped down as Director after leading the Koch Institute for 20 years. He also resigned as a Howard Hughes Medical Institute Investigator in order to take the role of President at Break Through Cancer. Currently, Dr. Jacks is the David H. Koch Professor of Biology at MIT.

Day 2 - April 1 (Friday) 8:30 AM - 10:45 AM KST: Neurology/CNS
8:30 AM  
Opening Remarks  
Jewan Bae  
Program Director, MIT Corporate Relations/Industrial Liaison Program

Jewan John Bae comes to MIT Corporate Relations with more than 20 years of experience in the specialty chemicals and construction industries. He facilitates fruitful relationships between MIT and the industry, engaging with executive level managers to understand their business challenges and match them with resources within the MIT innovation ecosystem to help meet their business objectives.

Bae's areas of expertise include new product commercialization stage gate process, portfolio management & resource planning, and strategic planning. He has held various business leadership positions at W.R. Grace & Co., the manufacturer of high-performance specialty chemicals and materials, including Director of Strategic Planning & Process, Director of Sales in the Americas, and Global Strategic Marketing Director. Bae is a recipient of the US Army Commendation Medal in 1986.

8:40 AM  
Change in Immune system & Causes of Neurodevelopmental Disease  
Gloria Choi  
Mark Hyman Jr. Career Development Associate Professor, MIT Department of Brain and Cognitive Sciences

Gloria Choi joined the faculty of MIT's Department of Brain and Cognitive Sciences in 2013 and the Picower Institute in 2019. She received her bachelor’s degree from University of California, Berkeley, and her Ph.D. from Caltech, where she studied with David Anderson. She was a postdoctoral research scientist in the laboratory of Richard Axel at Columbia University.

9:25 AM  
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Daesoo Kim  
Professor, Department of Biological Sciences  
Korea Advanced Institute of Science and Technology (KAIST)
MIT Startup Exchange Lightning Talks

Jaspaul Singh
Co-founder & CEO
Interon Labs

Paul Le Floch
Co-founder & CEO
Axoff

Joseph Azzarelli
Founder & CEO
Kinovi

Closing Remarks