

**8<sup>th</sup> COINS Symposium**  
**“From Sick Care to Health Care ~Future Society Created by In-Body Hospitals~”**

January 21 (Fri), 2022 at Online (Zoom Webinar), Public Viewing (Kawasaki City Industrial Promotion Hall)

**- Program -**

MC: **Yuki MOCHIDA** (iCONM)  
**Mami SATAKE** (iCONM)

13:00-13:05 *Opening Remarks/Greetings*  
**Hiromichi KIMURA**, Project Leader of COINS / Project Professor, the University of Tokyo

13:05-13:15 *Guest Greetings*  
**Yuzuru MATSUDA**, Visionary Leader of COI STREAM Vision 1, Japan Science and Technology Agency  
**Hiroshi KOMIYAMA**, Chairman of COI STREAM Governing Committee,  
 Japan Science and Technology Agency

**Part 1 COINS Researchers Session**

**Moderator: Tomohiro ANZAI, iCONM**

**1. Overview of COINS**

13:15-13:30 **Hiromichi KIMURA**, Project Leader of COINS / Project Professor, The University of Tokyo  
**Hiroshi ATSUMI**, Business Strategy Manager, Office for Post COINS, iCONM

**2. Building an innovation ecosystem to accelerate social implementation**

13:30-13:48 **Tomohiro ANZAI**, Theme 6 leader / Principal Research Scientist, iCONM  
**Shintaro SENGOKU**, Professor, Tokyo Institute of Technology

**3. Miniaturized medical devices to support at home medical care**

13:48-14:06 **Takanori ICHIKI**, Theme 4 leader / Professor, The University of Tokyo  
**Hiroaki TAKEHARA**, Lecturer, The University of Tokyo  
**Akira MATSUMOTO**, Professor, Tokyo Medical and Dental University / Project Leader, KISTEC

**4. Development of cancer-targeted nanomachines**

14:06-14:24 **Kanjiro MIYATA**, Theme 1 leader / Professor, The University of Tokyo  
**Miki MASAI**, Associate Senior Researcher, Research Department, NanoCarrier Co.,Ltd.  
**Yuki MOCHIDA**, Senior Research Scientist, iCONM

**5. Development of innovative therapeutic nanomachines for the treatment of cranial nerve diseases**

14:24-14:42 **Yasutaka ANRAKU**, Theme 2 leader / Project Associate Professor, The University of Tokyo  
**Masahiro OTSU**, Deputy Director, Research and Development, Braizon Therapeutics, Inc.

**6. mRNA medicine and mRNA vaccine**

14:42-15:00 **Keiji ITAKA**, Theme 3 leader / Professor, Tokyo Medical and Dental University  
**Theofilus A. TOCKARY**, Research Scientist, iCONM

**7. Fusion of nanomachine and medical device**

15:00-15:18 **Nobuhiro NISHIYAMA**, Theme 5 leader / Professor, Tokyo Institute of Technology  
**Kensuke OSADA**, Senior scientist, National Institute for Quantum Science and Technology  
**Takahiro NOMOTO**, Assistant Professor, Tokyo Institute of Technology

**8. COINS R&D - towards the next stage**

15:18-15:23 **Kazunori KATAOKA**, Research Leader of COINS / Director-General, iCONM /  
 Professor Emeritus, The University of Tokyo

15:23-15:35 Break

**Part 2 Roundtable – For Realizing the Smart Life Care Society**

**Moderator : Mak SHIMAZAKI, iCONM**

15:35-17:10 *Roundtable*  
**Toshio ASANO**, Chairman, Japanese Foundation for Cancer Research



**Yoko ANZAI**, Manager, Kawasaki City Board of Education

**Yusuke DATE**, Science Communicator, Miraikan - The National Museum of Emerging Science and Innovation

**Miyuki TABATA**, Assistant Professor, Tokyo Medical and Dental University

**Akie HOTTA**, Chairperson, Kawasaki Nursing Association

17:20-17:15

Closing Remarks

**Atsushi MIURA**, Chairperson, KAWASAKI INSTITUTE OF INDUSTRIAL PROMOTION

---