

# COINS Seminar #15

## Cancer Theranostics

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**Date:** Tuesday, April 5, 2016

**Time:** 10:00am – 11:00am (Open at 9:30am)

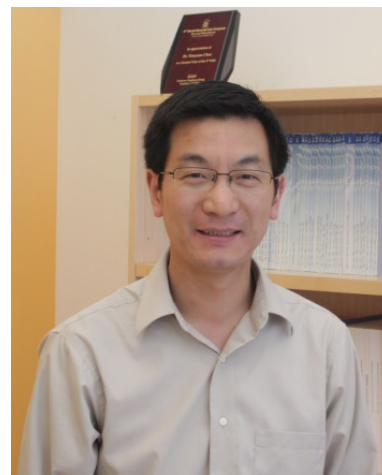
**Venue:** Room#4101, 4F, Innovation Center of NanoMedicine (iCONM)

**Capacity:** 40 people

**Registration:** By E-mail to [jimukyoku-coins@kawasaki-net.ne.jp](mailto:jimukyoku-coins@kawasaki-net.ne.jp) including your "name", "Affiliation", "Division" and "E-Mail address".

### —Abstract—

Theranostics (Rx/Dx) aims to develop molecular diagnostic tests and targeted therapeutics with the goals of individualizing treatment by targeting therapy to an individual's specific disease subtype and genetic profile. It can be diagnosis followed by therapy to stratify patients who will likely respond to a given treatment; it can also be therapy followed by diagnosis to monitor early response to treatment and predict treatment efficacy; it is also possible that diagnostics and therapeutics are co-developed (nanotheranostics). This talk will give examples of designing nanobiosensors for ultrasensitive biomarker detection in vitro, applying molecular imaging techniques for in vivo measurement of cancer hallmarks, and making nanoparticle platforms for co-delivery of imaging labels and therapeutic genes and drug molecules.



**Organizer:** Center of Innovation (COI Program) by JST,  
Center of Open Innovation Network for Smart Health (COINS), Kazunori KATAOKA, Research Leader,  
Kawasaki Institute of Industrial Promotion, Innovation Center of NanoMedicine (iCONM)

**For more information:**

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Web: <http://coins.kawasaki-net.ne.jp/>

<Venue access>

Name: Innovation Center of Nanomedicine (iCONM)

Address: 3-25-14, Tonomachi, Kawasaki-ku, Kawasaki 210-0821, JAPAN

Access by train:

Keikyu-Kawasaki Sta. to Kojima-Shinden Sta. by Keikyu-Daishi Line (ride time about 10 minutes) and Walk about 15 minutes to iCONM (See below access map)

Access by bus

“Bus stop on East Terminal at JR Kawasaki Sta.”

- 1) No. 20 bus stop (KAWASAKI TSURUMI RINKO BUS Co.,LTD)  
川 (kawa) 02 line; Tonomachi terminal, to “Tonomachi” bus stop (ride time about 30 minutes), walk about 3 minutes to iCONM from the bus stop
- 2) No. 20 bus stop (KAWASAKI TSURUMI RINKO BUS Co.,LTD)  
川 (kawa) 02 line; Ukishima-Bashi terminal, to “King Sky Front Irigchi” (ride time about 20 minutes), walk about 5 minutes to iCONM from the bus stop
- 3) No. 16 bus stop (KAWASAKI TSURUMI RINKO BUS Co.,LTD)  
川 (kawa) 03 line; Ukishima-bus terminal, to “King Sky Front Irigchi” (ride time about 30 minutes), walk about 5 minutes to iCONM from the bus stop

Access Map

