

COINS Seminar #26

Adventures in Drug Delivery, Diagnostics, and Additive Manufacturing with Engineered Metal Nanoparticles

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Date & Time: Wednesday, July 19, 2017 Time: 4:00pm–5:30pm (Open 3:30pm)

Venue: Room#3001, 3F, Innovation Center of NanoMedicine (iCONM)

Capacity: 30 people

Research Mixer: 5:30pm-6:30pm (Fee: JPY500)

Registration: By E-mail to <jimukyoku-coins@kawasaki-net.ne.jp>

including your "①name", "②Affiliation & Division", "③Attendance of Research Mixer" and "④your E-Mail address"

—Abstract—

As nanotechnology matures, emphasis has gradually shifted from discovery and application to translation, process development, and sustainability. This seminar will illustrate such an evolution in the discovery, biomedical application, and re-engineering of metal nanoparticles with plasmonic and magnetic function, namely gold nanorods (GNRs), gold nanostars with magnetic cores, and magnetic gold nanoclusters (MGNCs). Robust methods of surface modification are critical in the intended use and future translational potential of engineered nanomaterials. Applications to be discussed include tumor cell targeting, delivery and photothermal release of siRNA, magnetomotive imaging and in vivo drug delivery, chemical analysis and proteomics, and new directions in the manufacturing of low-cost sensors.



Organizer: COINS(COI program,JST), Innovation Center of NanoMedicine (iCONM)

For more information: Please email to:

"COINS Research Support Office", KAWASAKI INSTITUTE OF INDUSTRIAL PROMOTION

E-mail: jimukyoku-coins@kawasaki-net.ne.jp Web: <http://coins.kawasaki-net.ne.jp/>

Venue access

Name: Innovation Center of NanoMedicine (iCONM)

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

Tel: +81-44-589-5700

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.”

【Bus Stop #20】

川 02 「Tonomachi-bound “殿町行き”」 (Rinko Bus) for 30 mins. to 「Tonomachi “殿町”」 . Walk 3 mins. to iCONM.

Express 「Ukishimabashi-bound “浮島橋行き”」 (Rinko Bus) for 20 mins. to 「King Skyfront Entrance “キングスカイフロント入口”」 . Walk 5 mins. to iCONM.

【Bus Stop #16】

川 03 「Ukishima Bus Terminal-bound “浮島バスターミナル行き”」 (Rinko Bus or Kawasaki City Bus) for 30 mins. to 「King Skyfront Entrance “キングスカイフロント入口”」 Walk 5 mins. to iCONM.

Access Map

Go straight between ▲CIEA (the Central Institute for Experimental Animals) and ◆FUJIFILM (FUJIFILM RI Pharma Co., Ltd.), then you'll find iCONM on your right.

