

COINS Seminar #24

Nanoparticle Therapeutics: From Concept to Clinic

Prof. Mark E. Davis

Chemical Engineering, California Institute of Technology

Date & Time: Tuesday, January 19, 2017 Time: 3:30pm–5:00pm (Open 3:00pm)

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

Capacity: 30 people

Research Mixer: 5:00pm–5:30pm (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 —

We have translated three nanoparticles into the clinic for use as cancer therapeutics. One of these nanoparticle, experimental therapeutics was the first to show functional RNA interference (RNAi) in humans. At this time, these nanoparticles have been investigated in over 10 different clinical trials. I will describe how we translated these nanoparticles from the laboratory at Caltech into clinical, experimental therapeutics. Lessons learned from these translational and clinical experiences will be discussed, and how they are accelerating our current translational efforts with nanoparticle-based therapeutics for cancer and other diseases. In addition to investigations of nanoparticle-based therapeutics for cancer, we are now concentrating on developing nanoparticles that cross the blood-brain-barrier. Our recent efforts will be presented.



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

<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 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)

III (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)

III (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)

III (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

