

Pharmaceutical NMR lecture series in Osaka

Date: October 24-26, 2012

Venue: Institute for Protein Research, Osaka University (Suita Campus)

<http://www.osaka-u.ac.jp/en/access/index.html>

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Program

Oct 24 (Wed)

- 1:00PM-1:50PM Drug discovery and development 1 (Thomas L. James, UCSF)
- 2:00PM-2:50PM Drug discovery and development 2 (Thomas L. James, UCSF)
- 3:10PM-4:00PM Drug discovery and development 3 (Thomas L. James, UCSF)
- 4:10PM-5:00PM Drug discovery and development 4 (Thomas L. James, UCSF)

Oct 25 (Thu)

- 9:30AM-10:20AM Relaxation NMR for protein dynamics and interaction studies
(Kenji Sugase, Suntory)
- 10:30AM-11:20AM Pharmaceutical NMR techniques (Hideo Takahashi, Yokohama City University)
- 11:30PM-1:00PM (Lunch)
- 12:00PM-1:00PM Discussion and comments about pharmaceutical NMR lecture series in Osaka (Advisory meeting)
- 1:00PM-1:50PM NMR of glycoproteins (Koichi Kato, Institute of Molecular Science)
- 2:10PM-5:00PM Demonstration & on-the-job training of pharmaceutical NMR techniques using 800/ 950 NMR of IPR (Hajime Sato, Bruker)
(Parallel session in Japanese, the following 3 lectures in Japanese)
- 2:10PM-2:30PM NMR facility of IPR (Ritsuko Katahira, Osaka University)
- 2:30PM-3:00PM LC-NMR-MS (Ken-ichi Akagi, National Institute of Biomedical Innovation)
- 3:10PM-4:00PM NMR in pharmaceutical industry (Pharmaceutical company)
- 4:00PM-5:00PM Free discussion about pharmaceutical NMR

Oct 26 (Fri)

- 9:30AM-10:20AM Pharmaceutical NMR techniques (Hidekazu Hiroaki, Naogoya University)
- 10:30AM-11:20AM Antibiotics Discovery by using Structural Information of Protein (Bong-Jin Lee, Seoul National University)
- 11:30AM-12:20PM In cell NMR/EPR for pharmaceutical study (Hidehito Tochio, Kyoto University)
- 12:30PM-1:30PM Discussion and comments about pharmaceutical NMR (Advisory meeting)

Organizers: Chojiro Kojima and Toshimichi Fujiwara (Osaka University)
Adviser: Thomas L. James (University of California, San Francisco),
Bong-Jin Lee (Seoul National University)
No registration (no participation fee) is required.
Contact to:
 Chojiro Kojima (kojima@protein.osaka-u.ac.jp, Tel +81-6-6879-8598).

Advisory meeting (Adviser: Thomas L. James)

Oct 24 (Wed)

9:30AM-10:30AM Grand design and direction of pharmaceutical NMR lecture
series (Chojiro Kojima, Osaka University)

10:30AM-11:30AM Guidance for pharmaceutical NMR lecture series (Thomas
L. James, UCSF)

Oct 26 (Fri)

1:30PM-2:30PM Summary of pharmaceutical NMR lecture series (Chojiro Kojima,
Osaka University)

2:30PM-3:30PM Comments and advises for pharmaceutical NMR (Thomas L. James,
UCSF)

3:30PM-4:30PM Discussion and advice about pharmaceutical NMR