

「蛋白質と過飽和」

~Impacts of Supersaturation on Protein Science~

Date : June 18th (Mon: 13:00-17:30), 19th (Tue: 9:00-12:20), 2012

Place : Institute for Protein Research (1F Lecture Hall), Osaka University

Objective : Supersaturation is a popular natural phenomenon occurring during the processes of ice formation, vapor condensation, crystal formation of substances, etc. As is expected, supersaturation happens during various processes involving proteins such as protein crystal formation and amyloid formation. We address the impacts of supersaturation on protein science and moreover on life.



* The rain starts from supersaturated vapor.

June 18th (Mon.) 13:00~17:30

Welcome remarks Toshiharu Hase (Director of IPR)
Introduction Yuji Goto (Osaka Univ.)

1. Crystallization and Solubility 13:40-15:10
Gen Sasaki (Hokkaido Univ.)
Shigeru Sugiyama (Osaka Univ.)
Young-Ho Lee (Osaka Univ.)

2. Theories and models 15:30-17:00
Yuichi Harano (Osaka Univ.)
Sihyn Ham (Soomyung Womens Univ., Korea)
Takeshi Ishikawa (Tohoku Univ.)

3. Amyloids and Prions part I 17:00-17:30
Riccardo Porcari (Univ. Pavia, Italy)

June 19th (Tue.) 9:00~12:20

3. Amyloids and Prions part II 9:00-9:30
Keiichi Yamaguchi (Gifu Univ.)

4. Folding and unfolding 9:30-11:00
Daizo Hamada (Kobe Univ.)
Gennaro Esposito (Univ. Udine, Italy)
Rita Chen (Academia Sinica, Taiwan)

5. Structure and function 11:20-12:20
József Kardos (Eötvös Loránd Univ., Hungary)
Robert Robinson (Inst. of Mol. and Cell Biol., Singapore)

Organizers : Daizo Hamada (Kobe Univ.), Kazuo Kuwata (Gifu Univ.), Yuji Goto (Osaka Univ.)

Contact : 565-0871 Yamadaoka 3-2, Suita city, Institute for Protein Research, Osaka Univ. Yuji Goto

Tel : 06-6879-8614 E-mail : ygoto@protein.osaka-u.ac.jp

Details : <http://www.protein.osaka-u.ac.jp/>

1日目終了後に懇親会を行います。

参加費、懇親会費：無料・事前登録不要