

# Mechanism and regulation of aberrant protein aggregation

Date : November 18th (Tue: 13:00-17:30), 19th (Wed: 9:00-17:30), 20th (Thu: 9:00-12:30)

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

Summary : Aggregation has been an obstacle to studying the structure, function, and physical properties of proteins. However, a large number of aggregates associated with serious diseases promoted the challenge of studying protein misfolding and aggregation. We now understand the structure, formation and biological impacts of various types of aggregates. This seminar discusses the current status of the fields, which will open a new horizon of the mechanism and regulation of protein aberrant aggregation.



**November 18th (Tue 13:00-17:30)**

## Welcome remarks

Haruki Nakamura (Director of IPR)

## Opening plenary session

Yuji Goto (Osaka Univ., Japan)

József Kardos (Eötvös Loránd Univ., Hungary)

Vittorio Bellotti (Pavia Univ., Italy)

## 1. Chaperones and inhibitors

Hideki Taguchi, Tadashi Ueda, Ryuichiro Atarashi,

Yuichi Kaji, John A. Carver, Herry Martadinata

**November 19th (Wed 9:00-17:30)**

## 2. Molecular mechanisms of aggregation (1)

Yumiko Oohashi, Kei-ichi Yamaguchi, Noriko Fujii,

Yasushi Kawata, Kouhei Tsumoto,  
Ándras Perczel

## 3. Transmission

Hironobu Naiki, Keiichi Higuchi, Kazuo Kuwata,  
Yoshitaka Nagai

## 4. Analytical techniques

Gennaro Esposito, Naomi Hachiya, Hisashi Yagi,  
Ferenc Vonderviszt Miklós Kellermayer

**November 20th (Thu: 9:00-12:30)**

## 5. Molecular mechanisms of aggregation (2)

Damien Hall, Yutaka Kuroda, Young-Ho Lee,  
Eri Chatani, Masaru Hoshino, Tamás Martinek

Organizers : Yuji Goto (Osaka Univ.), József Kardos (Eötvös Loránd Univ.), Eri Chatani (Kobe Univ.),  
Hisashi Yagi (Tottori Univ.)

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2日目終了後に懇親会を行います。

Details : <http://www.protein.osaka-u.ac.jp/physical/yoeki.html> 参加費、懇親会費 : 無料・事前登録不要