

6th International Meeting on Biomolecules under Pressure (IMBP 2011)

Dear Colleagues,

We are pleased to announce you all that the IMBP 2011, which was once postponed due to the melt-down of Fukushima nuclear plants in Japan, will be held soon on this December, 2011, at Otsu, Japan:

Date: December 12th–16th, 2011

Place: Otsu City former Public Hall, Otsu, Shiga, Japan

As has been planned previously, the meeting comprises the following academic sessions including educational lectures:

1. Revisiting Fundamentals of Volume, Compressibility and Expansivity
2. Internal Hydration and Conformational Fluctuation in Proteins
3. Exploring Energy Landscape and High-energy Conformers on Pressure Axis
4. Exploring Intermolecular Association on Volume and Pressure
5. Topics in Lipids, Membranes, Starch and Deep Sea Biology

Meeting schedule, in brief, is:

Dec 12 (Mon) evening: Informal Get-Together

Dec 13 (Tue) morning - **Dec 16** (Fri) noon: Lectures and Research Presentations

Dec 14 (Wed) afternoon and evening: Study tour and Banquet

Your participation in the meeting is highly appreciated. Please make registration and submit your abstract not later than Nov. 20, 2011, by filling and sending the attached registration and abstract submission forms to
imbp2011japan.regi.abst@gmail.com

We look forward to seeing you soon at Otsu !

With best regards,

Hideki Tachibana

Conference Chair, High Pressure

Protein Research Center, Kinki University

The organizing committee of 6th IMBP

International Scientific Advisory Board:

Catherine Royer (INSERM), Angel Garcia (Rensselaer Polytechnic Institute), Roger Fourme (SOLEIL, Saint Aubin), Hans-Robert Kalbitzer (Univ. Regensburg), Roland Winter (Univ. Dortmund), Kazuyuki Akasaka (Kinki Univ.)

Local Organizing Committee:

Hideki Tachibana (Kinki Univ.), Kazuyuki Akasaka (Kinki Univ.), Kunitsugu Soda (RIKEN), Kaoru Nakasone (Kinki Univ.), Yasushige Yonezawa (Kinki Univ.), Ryo Kitahara (Ritsumeikan Univ.), Akihiro Maeno (Kinki Univ.)

Conference Assistant: Akiko Jodai

Study tour: Hieizan Enryaku-ji (<http://www.hieizan.or.jp/pdf/english.pdf>)

Banquet: Hotel Koyo (Tentative)

Fee for banquet, excursion and social events:

Ordinary participant: JPY 20,000; Student: JPY10,000 (only cash in Japanese yen)

Access to Shiga (Otsu) area: <http://g.co/maps/ey7p>

From the nearest stations to Otsu City former Public Hall ("Otsu Kyu Kokaido")

(1) 1-minute walk from *Hama-Otsu* Station (Keihan Line)

(2) 15-minute walk from Ohtsu Station (JR Line). Or take a few min bus ride to *Hama-Otsu* (or one through *Hama-Otsu*) and get off at "Otsu Kyu Kokaido-mae" station (cost 100 yen).

From Kansai Airport to Shiga (Otsu) area

Kansai Airport > (Shin-Osaka) > Kyoto > Otsu

Take JR express train "Haruka" to Kyoto, starting every 30 min from Kansai Airport JR terminal (takes 1.5 h to Kyoto). Change to local train at Kyoto station to Otsu (2nd stop after Kyoto) at plat-home No.2 (takes 10 min).

Objectives

This will be a study and discussion meeting, in which we refocus on the fundamental aspects of the pressure perturbation on proteins in contrast to temperature and other perturbations and what crucial unknowns of proteins can be revealed by pressure. The fundamental knowledge gained in proteins is expected to be extended to other bio-macromolecules and living cells.

For this purpose, each session is arranged to begin with "easy-to-understand" educational lectures on fundamental principles and experimental techniques for beginning students and researchers in diverse disciplines. The educational lectures will end up with advanced research results, which will be followed by research results by individual researchers in front. Intense discussions among participants from different disciplines with varying methodologies are encouraged in an informal kind of atmosphere with a limited number of participants.

We believe that pressure-axis experiments will play a crucial role in basic (as well as applied) bioscience in 21st century, as it will disclose the hidden paradigm of protein structures that are crucially important for life to go.