

第3回「タンパク質立体構造の構築原理」ワークショップ

3rd Workshop "Principles of Protein Architecture"

京都会館 会議場・集会場
京都市左京区岡崎

1996年12月10日(火) - 11日(水)

Kyoto-Kaikan Convention Center
Okazaki, Sakyo-ku, Kyoto, JAPAN

December 10 (Tue) - 11 (Wed)

主催 文部省科学研究費重点領域研究「タンパク質立体構造の構築原理」
(領域代表者 郷信広)

世話人 森島 績(京大院・工)

Organizer: Isao Morishima (Graduate School of Engineering, Kyoto University)

Program

December 10 (Tue)

9:30 - 9:40 **Opening Address**
Nobuhiro Go (Kyoto University)

Invited Lectures I

1L01 9:40 - 10:25 **Nucleation Mechanisms in Protein Folding**
Alan Fersht (University of Cambridge)

1L02 10:25 - 11:10 **Chaperone-Mediated Folding of Newly
Synthesized Polypeptides**
Mark Mayhew, Ulrich Hartl (Memorial Sloan-
Kittering Cancer Center)

Poster Session I

11:30 - 13:00 **Poster Viewing and Lunch**
13:00 - 14:00 **Poster Presenting (Odd Poster Number)**
14:00 - 15:00 **Poster Presenting (Even Poster Number)**
15:00 - 15:30 **Poster Viewing**

Invited Lectures II

1L03 16:00 - 16:45 **The Development of the Architecture of a
Protein During Folding**
Christopher M. Dobson (University of Oxford)

1L04 16:45 - 17:30 **Observation of Conformational Relaxation
Dynamics of Myoglobin by Site-Selective
Laser Spectroscopy**
Takashi Kushida, Yutaka Shibata, Hiroshi
Murakami, Atsusi Kurita (Osaka University)

18:00 - 20:00 **Social Hour**

December 11 (Wed)

Invited Lectures III

2L01 9:30 - 10:15 The Energy Landscape Perspective on Protein Folding

Peter G. Wolynes (University of Illinois)

2L02 10:15 - 11:00 Negative Design for Protein Structural Uniqueness

Haruki Nakamura (Department of Bioformatics, Biomolecular Engineering Research Institute)

Poster Session II

11:30 - 13:00 Poster Viewing and Lunch

13:00 - 14:00 Poster Presenting (Odd Poster Number)

14:00 - 15:00 Poster Presenting (Even Poster Number)

15:00 - 15:30 Poster Viewing

Invited Lectures IV

2L03 16:00 - 16:45 Modules and Exons: Evolutionary Design of Proteins

Mitiko Go (Nagoya University)

2L04 16:45 - 17:30 Protein Volumes

Cyrus Chothia, Mark Gerstein, Yehouda Harpaz
(MRC Laboratory of Molecular Biology and
Cambridge Center for Protein Engineering)