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The Fogarty International Center and the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) are sponsoring a conference on "Experimental and Theoretical Aspects of Interactions that Determine Protein Conformation," January 9-12, 1989, in Masur Auditorium, Clinical Center, National Institutes of Health, Bethesda, Md. Organizers are Dr. Harold Scheraga, Professor of Chemistry, Cornell University and FIC Scholar-in-Residence; Dr. Robert Jernigan, National Cancer Institute, and Dr. David Davies, NIDDK. The program includes the following:

**January 9 -**

**Session I**  
Experimental Studies of Protein Conformation  
C.B. Anfinsen; R.L. Baldwin; F. Schmid; G. Petsko; M. Clore; K. Wuthrich; L. Gierasch; W. Eaton; F.M. Richards; R.F. Salemme.

**Session II**  
Theoretical Approaches to Protein Folding  
C.M. Chothia; G. Rose; J.A. Schellman; K.A. Dill; R. Jernigan; J. Hermans; I.D. Kuntz; C. Levinthal; M.R. Pincus; G. Nemethy; H. Scheraga.

**Session III**  
Protein Dynamics  
M. Karplus; N. Go; H. Frauenfelder; L.W. Jelinski; J. Hajdu.

**Session IV**  
Solvent Interactions in Proteins  
B. Lee; M.M. Teeter; D.L. Beveridge; E. Clementi; W.L. Jorgenson.

**Session V**  
Biologically Active Peptides and Drug Design  
M. Goodman; W.F. DeGrado; E.T. Kaiser; T.L. Blundell; J. Greer; G. Maggiora; A.R. Fersht; S.J. Benkovic; R.F. Sauer; D.R. Shortle.

**Session VI**  
Viral Proteins  
S. Harrison; J. Hogle.

**Session VII**  
Membrane Proteins  
E. Miles; D. Davies; H.K. Schachman.

The Conference will be followed by a workshop sponsored by NIDDK on "Molecular Dynamics Algorithms and Applications" to be held at the Cloister (Bldg. 60), National Institutes of Health, January 13-17, 1989. This workshop offers hands-on training in the field of macro-molecular simulation, to a limited number of participants. It includes lectures by experts in specific areas and laboratory demonstrations and experiments. Chairman: Cyrus Levinthal, Columbia University; assisted by Bernard Brooks, NIH.

Commercial hardware and software will be furnished by manufacturers.

For applications to attend the workshop, contact:  
Dr. Nancy Lamontagne  
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