

**Thursday, November 12, 2009
Masur Auditorium, NIH**

GENES TO PROTEINS: DECODING GENETIC INFORMATION

**An NIH Symposium to honor Marshall W. Nirenberg
on the occasion of the ACS designation of his work as a
National Historic Chemical Landmark**

- 10:00 am Welcome and Introductory Remarks
Alan N. Schechter, Chair
- National Institute of Diabetes, and Digestive, and Kidney Diseases, Griffin P. Rodgers, Director
National Heart, Lung, and Blood Institute, Elizabeth G. Nabel, Director
Office of Intramural Research, Michael M. Gottesman, Director
- 10:20 am New Perspectives
C. Thomas Caskey, Chair
- 10:30 am RNA: Beyond the Role as Messenger
Phillip A. Sharp, Massachusetts Institute of Technology
- 11:15 am From the Genetic Code to the Epigenetic Code
Keji Zhao, National Heart, Lung and Blood Institute
- 12:00 pm Lunch
- 1:15 pm The Genetic Code Unfolds
Sidney Pestka and Robert G. Martin, Chairs
- 1:30 pm Ongoing Studies of the Genetic Code
Dolph Hatfield, National Cancer Institute
- 2:00 pm Dynamic Coding Meaning Enriches Gene Expression
Raymond F. Gesteland, University of Utah
- 2:30 pm Adjustable Framing in Genetic Decoding
John F. Atkins, University of Utah and University College Cork
- 3:00 pm The Genetic Code
Philip A. Leder, Chair
- 3:10 pm Studies of the Genetic Code and Protein Synthesis at NIH: 1959 to 1970

3:30 pm Coffee Break

3:50 pm New Horizons
Robert Balaban, Chair

4:00 pm From Reading to Writing the Genetic Code
J. Craig Venter, J. Craig Venter Institute

4:45 pm Chemical Landmark Presentation
Edwin D. Becker, Chair

Presentation of the National Historic Chemical Landmark Plaque
Thomas Lane, President, American Chemical Society

Acceptance of Plaque
Michael M. Gottesman, Director, OIR, NIH

5:15 pm Reception for Attendees