

# ANNOUNCEMENT: 1993 Keystone Symposia on Molecular and Cellular Biology

**The Extracellular Matrix of Plants: Molecular, Cellular and Developmental Biology**  
*Organizers: L. Andrew Staehelin, Peter Albersheim, Keith Roberts and Alan G. Darvill*  
 January 9-15, 1993; Santa Fe, New Mexico

**Protein Purification and Biochemical Engineering**  
*Organizers: William Drohan, Patrick L. Coleman and Richard R. Burgess*  
 January 15-21, 1993; Santa Fe, New Mexico

**Transcription: Factors, Regulation and Differentiation**  
*Organizers: David Baltimore and Rodrigo Bravo*  
 January 17-24, 1993; Keystone, Colorado

**Phosphorylation/Dephosphorylation in Signal Transduction**  
*Organizers: Mariano Barbacid and Joseph B. Bolen*  
 January 17-24, 1993; Keystone, Colorado

**Cell Adhesion Mechanisms in Leukocyte Traffic**  
*Organizer: Michael Gallatin*  
 January 24-31, 1993; Keystone, Colorado

**Carbohydrate Ligands and Their Protein Receptors: Biological Function and Molecular Interaction**  
*Organizer: Roger A. Laine*  
 January 24-31, 1993; Keystone, Colorado

**Evolution and Plant Development**  
*Organizers: Susan R. Wessler, Elliot Meyerowitz and Michael Freeling*  
 January 26-February 1, 1993; Taos, New Mexico

**Cytokines and Cytokine Receptors: From Cloning to the Clinic**  
*Organizers: Steven Gillis and James Watson*  
 January 31-February 7, 1993; Keystone, Colorado

**Molecular Mechanisms in Rheumatoid Arthritis and Related Diseases**  
*Organizers: William P. Arend and William J. Koopman*  
 January 31-February 7, 1993; Keystone, Colorado

**B Cell Immunobiology and Human Disease**  
*Organizers: Rainer F. Storb, Carol Nottenburg and Edward Clark*  
 February 1-8, 1993; Taos, New Mexico

**Molecular Aspects of B Lymphocyte Differentiation**  
*Organizers: Randolph Wall and Paul Kincaid*  
 February 1-8, 1993; Taos, New Mexico

**Epithelial and Neuronal Cell Polarity and Differentiation**  
*Organizers: Enrique Rodriguez-Boulton and W. James Nelson*  
 February 4-10, 1993; Tamarron, Colorado

**Genetic and In Vitro Analysis of Cell Compartmentalization**  
*Organizer: David Meyer*  
 February 8-14, 1993; Taos, New Mexico

**Emerging Principles for Vaccine Development: Antigen Processing and Presentation**  
*Organizer: Per A. Peterson*  
 February 8-14, 1993; Taos, New Mexico

**Molecular Helminthology: An Integrated Approach**  
*Organizers: James Bennett, Timothy G. Geary, Roger K. Prichard, Phil LoVerde, Fritz Rottman and Sam Ward*  
 February 10-17, 1993; Tamarron, Colorado

**Molecular Genetic Controls of Microbial Differentiation**  
*Organizers: William E. Timberlake and Richard Losick*  
 February 17-23, 1993; Tamarron, Colorado

**Nucleases: Structure, Function and Biological Roles**  
*Organizers: R. Stephen Lloyd, Stuart Linn and Richard J. Roberts*  
 February 23-March 1, 1993; Tamarron, Colorado

**Environmental Bioremediation and Biodegradation**  
*Organizers: James J. Valdes, Ananda M. Chakrabarty and Michael Bagdasarian*  
 March 6-12, 1993; Lake Tahoe, California

**Prospects and Progress in Drug Design Based on Peptides and Proteins**  
*Organizers: Victor J. Hruby and Gary L. Olson*  
 March 8-14, 1993; Taos, New Mexico

**Frontiers of NMR in Molecular Biology III**  
*Organizers: Thomas L. James, Stephen W. Festik and Peter E. Wright*  
 March 8-14, 1993; Taos, New Mexico

**Molecular Biology of Human Pathogenic Viruses**  
*Organizers: Peter M. Palese and Bernard Roizman*  
 March 12-19, 1993; Lake Tahoe, California

**Molecular Immunology of Virus Infections**  
*Organizers: Carol S. Reiss, Barry T. Rouse, Rafi Ahmed, Peter Doherty and Thomas J. Braciale*  
 March 17-24, 1993; Taos, New Mexico

**Cellular Immunity and The Immunotherapy of Cancer**  
*Organizers: Olivera J. Finn and Michael T. Lotze*  
 March 17-24, 1993; Taos, New Mexico

**Molecular Biology of Aging**  
*Organizers: Thomas E. Johnson and Caleb E. Finch*  
 March 19-25, 1993; Lake Tahoe, California

**Discovery and Development of Therapeutic Compounds**  
*Organizer: Joseph Mike McCune*  
 March 20-26, 1993; Snowmass, Colorado

**Developmental Biology of the Cardiovascular System**  
*Organizers: Judith L. Swain and Bernardo Nadal-Ginard*  
 March 24-31, 1993; Taos, New Mexico

**Molecular Biology of Neuronal Signal Transduction**  
*Organizers: Tom Curran, Moses V. Chao, James I. Morgan and Thomas L. Schwarz*  
 March 24-31, 1993; Taos, New Mexico

**Frontiers in HIV Pathogenesis**  
*Organizers: Margaret I. Johnston and David D. Ho*  
 March 29-April 4, 1993; Keystone, Colorado

**Progress in Basic Research of Wound Repair and its Application to Clinical Management of Problematic Wounds**  
*Organizers: John M. McPherson and Richard A. Clark*  
 March 29-April 4, 1993; Breckenridge, Colorado

**Extracellular Matrix in Development and Disease**  
*Organizer: A. Harri Reddi*  
 March 29-April 4, 1993; Breckenridge, Colorado

**Genetically Targeted Research & Therapeutics: Antisense & Gene Therapy**  
*Organizers: James W. Hawkins and W. French Anderson*  
 April 12-18, 1993; Keystone, Colorado

**Gene Therapy**  
*Organizers: Richard C. Mulligan, Inder Verma and David Hausman*  
 April 12-18, 1993; Keystone, Colorado

**B and T Cell Lymphomas**  
*Organizers: James Armitage, Thomas Waldmann, Franco Cavalli and Robert Peter Gale*  
 April 17-24, 1993; Copper Mountain, Colorado

**Transposition and Site-Specific Recombination: Mechanism and Biology**  
 POSTPONED

**Bacterial Chromosomes**  
*Organizers: John Roth and Nancy E. Kleckner*  
 April 18-25, 1993; Keystone, Colorado

Registration in any meeting in an outlined group qualifies for attendance in any meeting in that group.

For more information please contact:  
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