

Announcement: 1992 Keystone Symposia on Molecular & Cellular Biology

Intermediate Biomarkers of Precancer and their Application in Chemoprevention

Organizers: *Martin Lipkin, Bernard Levin, Young S. Kim and Gary J. Kelloff*
October 3-7, 1991; Keystone, Colorado

Inflammation, Growth Regulatory Molecules and Atherosclerosis

Organizers: *Russell Ross and Michael A. Gimbrone*
January 13-19, 1992; Keystone, Colorado
Sponsored by Du Pont Merck Pharmaceutical Co. and The Upjohn Co.

The Molecular Biology of the Endothelial Cell

Organizers: *Laurence A. Lasky and Thomas Maciag*
January 13-19, 1992; Keystone, Colorado
Sponsored by Genentech and Hoffmann-La Roche

* Transcription Regulation in Development, Differentiation and Disease

Organizers: *Gerald R. Crabtree and Matthew P. Scott*
January 13-20, 1992; Tamarron, Colorado

Molecular and Cellular Biology of Host-Parasite Interactions

Organizers: *Nina M. Agabian and Harvey Eisen*
January 15-20, 1992; Park City, Utah
Sponsored by The MacArthur Foundation

Bone Marrow Transplantation

Organizers: *Robert Peter Gale and Richard E. Champlin*
January 19-26, 1992; Keystone, Colorado
Exclusively Sponsored by Sandoz Pharmaceuticals

Molecular Mechanisms in DNA Replication & Recombination

Organizers: *Harrison Echols and Anna Maria Skalka*
January 25 - February 1, 1992; Taos, New Mexico
Exclusively Sponsored by U.S. Biochemical Corp.

Negative Growth Control

Organizers: *Harold L. Moses and Allan Balmain*
January 26 - February 2, 1992; Keystone, Colorado
Sponsored by Specialty Laboratories, Inc.

* Positive Growth Control

Organizers: *Charles J. Sherr, Tony Hunter and Thomas Curran*
January 26 - February 2, 1992; Keystone, Colorado

Nutrition & Central Nervous System Function

Organizers: *G. Harvey Anderson, John D. Fernstrom, Maureen Mackey, Gregory D. Miller, Barbara J. Rolls and Thomas A. Vollmuth*
February 2-6, 1992; Lake Tahoe, California
Exclusively Sponsored by International Life Sciences Institute-Nutrition Foundation

Cytokines in Growth, Development and Pathogenesis

Organizers: *Charles H. Evans and Stanley Cohen*
February 1-8, 1992; Taos, New Mexico
Sponsored by Immunex and SmithKline Beecham Pharmaceuticals

* Melanoma and Biology of the Neural Crest

Organizers: *Michael T. Lotze, Margaret A. Tucker and Mark A. Israel*
February 1-8, 1992; Taos, New Mexico

* Steroid/Thyroid Receptor Gene Super Family

Organizers: *John A. Cidlowski, Bert W. O'Malley and Herbert H. Samuels*
February 21-27, 1992; Tamarron, Colorado

Hematopoiesis

Organizers: *David W. Golde and Charles J. Sherr*
February 27 - March 5, 1992; Tamarron, Colorado
Sponsored by Amgen, Immunex and R.W. Johnson Research Institute

Cell Biology of Virus Entry, Replication and Pathogenesis

Organizers: *Michael B.A. Oldstone, Ari Helenius and Richard W. Compans*
February 28 - March 5, 1992; Taos, New Mexico
Sponsored by SmithKline Beecham Pharmaceuticals

* Recognition of Endotoxin in Biologic Systems

Organizers: *Richard J. Ulevitch and Peter S. Tobias*
March 1-7, 1992; Lake Tahoe, California

Antigen Presentation Functions of the MHC

Organizers: *Michael J. Bevan and Paul M. Allen*
March 5-11, 1992; Taos, New Mexico
Sponsored by Hoffmann-La Roche and ICI Pharmaceuticals Group

Breast and Prostate Cancer

Organizers: *Marc E. Lippman and Robert B. Dickson*
March 7-13, 1992; Lake Tahoe, California
Sponsored by Du Pont Merck Pharmaceutical Co., Genentech and Specialty Laboratories, Inc.

Strategies in Chemoprevention of Hormone-Dependent Cancers

March 10-13, 1992; Lake Tahoe, California

* Metal Ion/Molecular Biology Interface

Organizers: *Vincent L. Pecoraro, Stephen J. Lippard and Michael Karin*
March 13-19, 1992; Lake Tahoe, California

* Glycobiology

Organizers: *Joseph K. Welply and Gerald W. Hart*
March 21-27, 1992; Park City, Utah

Prevention and Treatment of AIDS

Organizer: *Dani P. Bolognesi*
March 27 - April 3, 1992; Keystone, Colorado
Sponsored by SmithKline Beecham Pharmaceuticals and The Upjohn Co.

Critical Research Directions in Pediatric HIV Infection

Organizers: *E. Richard Stiehm, Arthur Anmann and Phillip Pizzo*
March 27-31, 1992; Frisco, Colorado
Exclusively Sponsored by The Pediatrics AIDS Foundation

* Fundamental Mechanisms of Transcription

Organizers: *Joan and Ron Conaway, Michael Dahmus and Robert Schleif*
March 28 - April 3, 1992; Copper Mountain, Colorado

Advances in Understanding Neurodegenerative Disorders

Organizers: *Dennis D. Cunningham and Donald L. Price*
March 28 - April 4, 1992; Big Sky, Montana
Sponsored by Amgen, Inc. and Du Pont Merck Pharmaceutical Co.

Synapse Formation and Function: The Neuromuscular Junction and the Central Nervous System

Organizers: *Stanley C. Froehner and Jim Patnick*
March 28 - April 4, 1992; Big Sky, Montana
Sponsored by Lilly Research Laboratories

Molecular Biology of Human Genetic Disease

Organizers: *Maimon M. Cohen, Beverly S. Emanuel, David H. Ledbetter and Arthur L. Beaudet*
April 3-10, 1992; Copper Mountain, Colorado
Sponsored by Du Pont Merck Pharmaceutical Co.

* Gene Transfer, Replacement and Augmentation

Organizers: *Inder M. Verma, Fred H. Gage and Richard C. Mulligan*
April 3-9, 1992; Copper Mountain, Colorado

* Growth and Differentiation Factors in Vertebrate Development

Organizers: *Rik Derynck and Zena Werb*
April 3-10, 1992; Keystone, Colorado

Tissue Engineering

Organizer: *Eugene Bell*
April 3-10, 1992; Keystone, Colorado
Sponsored by Genentech and Director's Sponsor's

Integrins: Cell Adhesion and Transmembrane Communication in Development and Disease

Organizers: *Robert Pytela and Vito Quaranta*
April 3-10, 1992; Keystone, Colorado
Sponsored by Genentech, ICI Pharmaceuticals Group, R.W. Johnson Pharmaceutical Research Institute and SmithKline Beecham Pharmaceuticals

* Crop Improvement via Biotechnology: An International Perspective

Organizers: *Robert Fraley, Marc Van Montagu, James Peacock and Charles Arntzen*
April 10-16, 1992; Keystone, Colorado

Designates Concurrent Meetings

* **Keystone Symposia 1992 Director's Sponsor's Monsanto Co. Schering Corp. Warner-Lambert Co.**

FOR COMPLETE PROGRAMS AND APPLICATION INFORMATION, PLEASE CONTACT:

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