### **ANNOUNCEMENT**

# 1994 Keystone Symposia on Molecular and Cellular Biology

#### HEMATOPOIESIS

Organizers David Golde and Jerome Groopman

January 4-11, 1994, Breckenridge, Colorado Sponsored by Amgen, Inc

## MOLECULAR EVENTS IN MICROBIAL PATHOGENESIS

Organizers Vincent Fischetti, Virginia Miller, and Marian Neutra

January 8-14, 1994, Santa Fe, New Mexico

#### IMPROVED CROP AND PLANT PROD-UCTS THROUGH BIOTECHNOLOGY

Organizers Barbara Mazur, Jan Leemans, and Richard Flavell

January 9-16, 1994, Keystone, Colorado

## MOLECULAR MECHANISMS COMMON TO TYPES I AND II DIABETES

Organizers Ira Goldfine and Michael Czech January 14-21, 1994, Park City, Utah

#### THE ADIPOSE CELL

Organizers Constantine Londos, Samuel Cushman, and Vincent Manganiello January 14-21, 1994, Park City, Utah

### MOLECULAR BIOLOGY OF HUMAN GENETIC DISEASE

Organizers Maimon Cohen, Beverly Emanuel, David Ledbetter, and Arthur Beaudet January 15-22, 1994, Copper Mountain, Colorado

Sponsored by SmithKline Beecham
Pharmaceuticals

#### GENE THERAPY

Organizers Inder Verma and Fred Gage January 15-22, 1994, Copper Mountain, Colorado

## INFLAMMATION, GROWTH REGULATORY MOLECULES, AND ATHEROSCLEROSIS

Organizers Russell Ross and Michael Gimbrone January 16-23, 1994, Keystone, Colorado Sponsored by Genentech, Inc and ZENECA Pharmaceuticals Group

## MOLECULAR BIOLOGY OF THE ENDOTHELIAL CELL

Organizers Thomas Maciag, David Loskutoff, and Thomas Edgington January 16-23, 1994, Keystone, Colorado Sponsored by Genentech, Inc. and ZENECA Pharmaceuticals Group

## TRANSPOSITION AND SITE-SPECIFIC RECOMBINATION: MECHANISM AND BIOLOGY

Organizers Nancy Craig and Jef Boeke January 21-28, 1993, Park City, Utah

## ADVANCES AND CONTROVERSIES IN BONE MARROW TRANSPLANTATION

Organizers Richard Champlin and Robert Peter

January 23-30, 1994, Keystone, Colorado Exclusively Sponsored by Cytokine Development Unit, Sandoz Pharmaceuticals Corporation

#### STEM CELLS

Organizers Irv Weissman and Ihor Lemischka January 31-February 7, 1994, Taos, New Mexico

#### MEMBRANE TO THE NUCLEUS

Organizer Tony Hunter
February 6-13, 1994, Keystone, Colorado

### PREVENTION AND TREATMENT OF AIDS

Organizer Dani Bolognesi February 6-13, 1994, Location to be determined Sponsored by SmithKline Beecham Pharmaceuticals and Specialty Laboratories, Inc

## STEROID/THYROID/RETINOIC ACID SUPER GENE FAMILY

Organizers John Cidlowski, Jan Ake Gustafsson, and Malcolm Parker February 7-13, 1994, Taos, New Mexico

#### BASIC ASPECTS OF TRANSCRIPTION

Organizers Danny Reinberg and Jack Greenblatt

February 13-20, 1994, Keystone, Colorado

#### THE EUKARYOTIC NUCLEUS

Organizers Douglass Forbes and Elizabeth Blackburn
February 13-20, 1994, Tamarron, Colorado

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### NUCLEIC ACID-PROTEIN INTERACTIONS

Organizers Jeremy Bruenn and Bik-Kwoon Tye February 13-20, 1994, Tamarron, Colorado

#### TUMOR SUPPRESSOR GENES

Organizers Curtis Harris and Stephen Friend February 13-20, 1994, Taos, New Mexico

#### HUMAN TUMOR VIRUSES

Organizers Peter Howley, Don Ganem, Elliott Kieff and Flossie Wong-Staal February 13-20, 1994, Taos, New Mexico

## THE CELLULAR AND MOLECULAR REGULATION OF THE ACUTE INFLAMMATORY RESPONSE

Organizers Heinz Baumann Jack Gauldie, and Carl Richards February 20-25, 1994, Tamarron, Colorado

Sponsored by Abbott Laboratories and SmithKline Beecham Pharmaceuticals

## BIOLOGY OF PHYSIOCHEMICAL INTERACTIONS AT THE CELL SURFACE

Organizers Urs Rutishauser, Douglas Lauffenburger, and Timothy Springer February 20-26, 1994, Taos, New Mexico Sponsored by ICOS Corporation

#### TISSUE ENGINEERING

Organizers Robert Nerem and Donald Ingber February 20-26, 1994; Taos, New Mexico

#### LIPID SECOND MESSENGERS

Organizer Edward Dennis February 26-March 4, 1994, Taos, New Mexico

#### PROTEIN KINASE C: REGULATION, STRUCTURE, FUNCTION, AND ROLE IN HUMAN DISEASE

Organizers Robert Bell, Peter Parker, and Yasutomi Nishizuka February 26-March 4, 1994, Taos, New Mexico

### MOLECULAR BASIS OF CANCER THERAPY

Organizer Michael Gottesman March 4-10, 1994, Tamarron, Colorado

## STRUCTURAL AND MOLECULAR BIOLOGY OF PROTEASE FUNCTION AND INHIBITION

Organizers Christine Debouck and Charles Craik

March 5-12, 1994, Santa Fe, New Mexico

## ANTIBODY ENGINEERING: RESEARCH AND APPLICATION OF GENES ENCODING IMMUNOGLOBULINS

Organizers Martin Rosenberg and Gordon Moore

March 7-13, 1994, Lake Tahoe, California

#### BREAST AND PROSTATE CANCER II Organizers Marc Lippman, Robert Dickson,

Organizers Marc Lippman, Robert Dickson, and John Isaacs March 14-20, 1994, Lake Tahoe, California Sponsored by Abbott Laboratories and

Sponsored by Abbott Laboratories and OncQuest, Division of Specialty Laboratories, Inc

## COMPLEX CARBOHYDRATES IN BIOLOGY AND MEDICINE

Organizers Jeffrey Winkelhake and Raymond Dwek

March 19-26, 1994, Frisco, Colorado

#### LYMPHOCYTE ACTIVATION

Organizers Charles Janeway, James Allison, and Jonathan Sprent April 10-17, 1994, Keystone, Colorado Sponsored by Immunex Corporation

## MOLECULAR BIOLOGY OF MUSCLE DEVELOPMENT

Organizers Eric Olson and Nadia Rosenthal April 11-17, 1994, Snowbird, Utah

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