

ANNOUNCEMENT: 1992 Keystone Symposia on Molecular & Cellular Biology

A number of Keystone Symposia Conferences are held at the same time and location. If you register for any meeting held concurrently with another, you may attend sessions in all.

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
Abstract Deadline: Aug. 5, 1991

♦Thur 10/3—REGISTRATION

♦Fri 10/4—**INTRODUCTORY REMARKS:** G.J. Kelloff—**INTRODUCTORY SESSION:** W. Malone*; M. Lipkin, G.J. Kelloff, C. Boone, L. Freedman; W. Hong—**COLON MARKERS-I: PRENEOPLASTIC LESIONS:** S. Hamilton*; B. Levin*; M. Wargovich; T. Prellow

♦Sat 10/5—**COLON MARKERS-II: PROLIFERATION MARKERS:** M. Lipkin*; G. Biasco; M. Risio—**COLON MARKERS-III: DIFFERENTIATION MARKERS:** Y.S. Kim*; S. Itzkowitz; C.R. Boland*; R. Coffey Jr; S. Ho

♦Sun 10/6—**COLON MARKERS-IV: GENETIC MARKERS:** G.J. Kelloff*; G. Cooperf; K. Cho; D. Ahnen; L. Augenlicht; W. Hittelman—**MARKERS FOR OTHER TARGET SITES:** C. Boone*; H. Herr; M. Brawer; D. Page/ W.D. Dupont; J. Mulshine; K. Yang; F. Meykens Jr

♦Mon 10/7—Departure

POSTER SESSIONS: 1(Fri) Colon Markers: Preneoplastic Lesions; Proliferation Markers; Differentiation Markers; 2(Sun) Colon Markers: Genetic Markers; Markers for Other Target Sites

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.*

Abstract Deadline: Sept. 11, 1991

♦Mon 1/13—REGISTRATION—KEYNOTE ADDRESS:

T. Springer
♦Tue 1/14—**VASCULAR PATHOGENETIC MECHANISMS (joint):** M. Davies; R. Ross*; R. Cotran; P. Ward—**EARLY PATHOGENETIC "FOOTPRINTS"—ENDOTHELIAL CELL DYSFUNCTION:** M. Cybulsky; P. Libby*; D. Hajjar—**WORKSHOP: Peptide Growth Factors (joint):** M. Sporn

♦Wed 1/15—**EARLY EFFECTOR CHANGES - VASCULAR CELL GENE REGULATION (joint):** D. Loskutoff*; R. Rosenberg*; S. Kim; G. Nabel; T. Collins—**ADHESION PATHOLOGY (joint):** J. Harlan; M. Gimbrone*; M. Ginsberg; R. Lobb

♦Thur 1/16—**CYTOKINES AND IMMUNE MECHANISMS:** G. Hansson*; A. Fogelman*; S. Kunkel; R. Ulevitch—**VASCULAR CELL PHENOTYPE (joint):** S. Schwartz*; G. Owens; P. D'Amore; C. Sigmund—**WORKSHOP: Cell Matrix Interactions and Gene Expression (joint):** M. Bernfield; H. Sage; J. Madri; R. Hynes; M. Ginsberg—**WORKSHOP: Cell-Cell Interactions (joint):** D. Rifkin*; P. D'Amore

♦Fri 1/17—**GROWTH-REGULATORY MOLECULES (joint):** H. Moses*; M. Klagsbrun; T. Maciag—**RECEPTOR MOLECULES AND TRANSDUCTION MECHANISMS:** L. Williams*; L. Allent; C. Carpenter*

♦Sat 1/18—**VASCULAR DISEASE PROGRESSION AND REGRESSION:** B.G. Brown; D. Heistad; M. Reidy; A. Clowes*—**GENETIC MODELS OF VASCULAR DISEASE:** J. Breslow*; E. Nabel

♦Sun 1/19—Departure

POSTER SESSIONS: 1(Tue) Vascular Pathogenetic Mechanisms; Early Pathogenetic "Footprints"—Endothelial Cell Dysfunction; 2(Wed) Early Effector Changes-Vascular Cell Gene Regulation; Adhesion Pathology; 3(Thur) Cytokines and Immune Mechanisms; Vascular Cell Phenotype; 4(Sat) Vascular Disease Progression and Regression; Genetic Models of Vascular Disease

THE MOLECULAR BIOLOGY OF THE ENDOTHELIAL CELL

Organizers: *Laurence Lasky and Thomas Maciag*

January 13-19, 1992; Keystone, Colorado

Sponsored by: *Genentech, Inc., and Hoffmann-La Roche, Inc.*

Abstract Deadline: Sept. 11, 1991

♦Mon 1/13—REGISTRATION

♦Tue 1/14—**VASCULAR PATHOGENETIC MECHANISMS (joint):** M. Davies; R. Ross*; R. Cotran; P. Ward—**ENDOTHELIAL CELL MIGRATION AND DIFFERENTIATION:** J. Madri*; D. Laufenburger; T. Hla; V. Dixit—**WORKSHOP: Peptide Growth Factors (joint):** M. Sporn*

♦Wed 1/15—**EARLY EFFECTOR CHANGES - VASCULAR CELL GENE REGULATION (joint):** D. Loskutoff*; R. Rosenberg*; S. Kim; G. Nabel; T. Collins—**ADHESION-PATHOLOGY (joint):** J. Harlan; M. Gimbrone*; M. Ginsberg; R. Lobb

♦Thur 1/16—**ADHESION-LEC-CAMS:** S. Rosen*; D. Wagner; B. Furie; J. Paulson—**VASCULAR CELL PHENOTYPE (joint):** S. Schwartz*; G. Owens; P. D'Amore; C. Sigmund—**WORKSHOP: Cell Matrix Interactions**

and Gene Expression (joint): M. Bernfield; H. Sage; J. Madri; R. Hynes; M. Ginsberg—**WORKSHOP: Cell-Cell Interactions (joint):** D. Rifkin*; P. D'Amore

♦Fri 1/17—**GROWTH REGULATORY MOLECULES (joint):** H. Moses*; M. Klagsbrun; T. Maciag

REGULATORS OF ENDOTHELIAL FUNCTION: W. Burgess; C. Dickson; M. Yanagisawa

♦Sat 1/18—**ANGIOGENESIS:** C. Haudenschild; R. Jain; R. Langer—**WOUND REPAIR AND DISEASE:** M. Reidy; D. Rifkin*; S. Szabo

♦Sun 1/19—Departure

POSTER SESSIONS: 1(Tue) Vascular Pathogenetic Mechanisms; Endothelial Cell Migration and Differentiation; 2(Wed) Early Effector Changes-Vascular Cell Gene Regulation; Adhesion-Pathology; 3(Thur) Adhesion-LEC-CAMS; Vascular Cell Phenotype; 4(Sat) Angiogenesis; Wound Repair and Disease

TRANSCRIPTION REGULATION IN DEVELOPMENT, DIFFERENTIATION AND DISEASE

Organizers: *Gerald Crabtree and Matthew Scott*

January 13-20, 1992; Tamaron, Colorado

Abstract Deadline: Sept. 11, 1991

♦Mon 1/13—REGISTRATION

♦Tue 1/14—**CELL TYPE SPECIFICATION AND TISSUE TYPE-SPECIFIC TRANSCRIPTION:** H. Weintraub; M. Rosenfeld—**TRANSCRIPTIONAL CONTROL AND TRANSCRIPTION:** D. Rio; F. Winston; V. Corces

♦Wed 1/15—**TRANSCRIPTIONAL REGULATION IN DIFFERENTIATION-I:** B. Emerson; A. Israel; C. Rushlow—**TRANSCRIPTIONAL REGULATION IN DIFFERENTIATION-II:** R. Losick; G. Crabtree; G. Feisenfeld

♦Thur 1/16—**VIRAL GENE REGULATION IN PATHOGENESIS:** B. Peterlin; M. Green—**TRANSCRIPTIONAL CONTROL OF EARLY DEVELOPMENT:** C. Kenyon; M. Scott

♦Fri 1/17—**MAINTENANCE OF DETERMINED CELL STATES:** R. Paro; H. Blau—**STRUCTURAL FEATURES OF TRANSCRIPTION FACTORS:** W. Herr; U. Schibler

♦Sat 1/18—**ENVIRONMENTAL INDUCTION AND CELL-CELL SIGNALING:** T. Taniguchi; C. Wu; P. Mellon

♦Sun 1/19—**PATHOGENIC AND THERAPEUTIC MECHANISMS INVOLVING TRANSCRIPTION:** L. Gilmer; S. Schreiber—**THE NUCLEAR ONCOGENES:** R. Treisman; R. Weinberg; M. Karin

♦Mon 1/20—Departure

POSTER SESSIONS: 1(Tue) Cell Type Specification and Tissue Type-Specific Transcription; Transcriptional Control and Transposition; 2(Wed) Transcriptional Regulation in Differentiation; 3(Thur) Viral Gene Regulation in Pathogenesis; Transcriptional Control of Early Development; 4(Fri) Maintenance of Determined Cell States; Structural Features of Transcription Factors; 5(Sat) Environmental Induction and Cell-Cell Signalling; 6(Sun) Pathogenic and Therapeutic Mechanisms Involving Transcription; The Nuclear Oncogenes

MOLECULAR AND CELLULAR BIOLOGY OF HOST-PARASITE INTERACTIONS

Organizers: *Mina M. Agabian and Harvey Eisen*

January 15-20, 1992; Park City, Utah

Sponsored by: *The MacArthur Foundation*

Abstract Deadline: Sept. 11, 1991

♦Wed 1/15—**REGISTRATION—KEYNOTE ADDRESSES:** F. Kafatos; K. Joiner†

♦Thur 1/16—**MOLECULAR GENETICS OF PROTOZOAN PARASITES:** D. Wirth; B. Sollner-Webb*; S. Beverly—**CYTOKINES IN HOST-PARASITE INTERACTIONS:** J. Louis*; K. Mendis†; G. Grau; R. Locksley; P. Minoprio—**WORKSHOPS: Molecular Genetics of Protozoa; Progress in Helminth Tissue Culture; Insect Genetics; Cytokines—GENOMIC ORGANIZATION:** D. Kemp*; A. Sher; J. Ravetch—**HOST-PARASITE INTERACTIONS: CELL INVASION:** J. Barnwell; N. Andrews†; I. Sherman*

♦Fri 1/17—**ANTIGENIC POLYMORPHISMS:** W. Mc Master; T. Nash; S. Kahn—**TOWARDS VACCINATION:** R. Nussenzeig; M. Strand; A. Capron; M. Patarroyo†—**OPEN WORKSHOP—WORKSHOPS: Malaria; Schistosomiasis; Others—TRANSCRIPTIONAL REGULATION:** A. Cornelissen†; P. Borst; E. Pays—**ADVANCES IN VECTOR STUDY:** A. James*; B. Christensen†

♦Sat 1/18—**POST-TRANSCRIPTIONAL PROCESSING - THERNA SPLICING MACHINERY:** N. Agabian; E. Ullu; T. Nilsen—**HOST-PARASITE INTERACTIONS: PARASITE ANTIGENS:** C. Braun-Bretton; A. Slater; T. Kipnis—**WORKSHOPS: RNA Editing; Trans-RNA Splicing**

♦Sun 1/19—**MITOCHONDRIA, GLYCOSOMES AND HYDROGENOSOMES:** P. Johnson; C. Wang; F. Opperdoes; V. Nene; L. Simpson—**OPPORTUNISM:** H. Eisen†; D. Soll; C. Petersen; J. Edman†

♦Mon 1/20—Departure

POSTER SESSIONS: 1(Thur) Molecular Genetics of Protozoan Parasites; Cytokines in Host-Parasite Interactions; Genomic Organization; Host-Parasite Interactions: Cell Invasion; 2(Fri) Antigenic Polymorphisms; Towards Vaccination; Transcriptional Regulation; Advances in Vector Study; 3 (Sat) Post-Transcriptional Processing-The RNA Splicing Machinery; Host-Parasite Interactions: Parasite Antigens; 4 (Sun) Mitochondria, Glycosomes and Hydrogenosomes; Opportunism

BONE MARROW TRANSPLANTATION

Organizers: *Robert Peter Gale and Richard E. Champlin*

January 19-26, 1992; Keystone Colorado

Exclusively Sponsored by: *Sandoz Pharmaceuticals*
Abstract Deadline: Sept. 11, 1991

♦Sun 1/19—REGISTRATION—INTRODUCTION:

E. Thomas
♦Mon 1/20—**TOLERANCE AND IMMUNE MODULATION:** D. Sachs; S. Strober; H. Waldmann; I. Pastan—**Workshop: TRANSPLANT CONDITIONING REGIMENS:** K. Blume; G. Santos; C. Buckner—**Discussion: WITHER T-CELL DEPLETION?:** R. O'Reilly—**IMMUNOLOGY:** T. Mak; D. Osmond; J. Sprent; J. Ferrara; C. Reynolds

♦Tues 1/21—**HEMATOPOIESIS:** I. Weissman; B. Blazar; M. Moore; Y. Reisner; K. Zsebo—**Workshops: HEMATOPOIETIC GROWTH FACTORS: A STEP FORWARD?:** W. Peters; A. Gianni; **IN VITRO BONE MARROW TREATMENT:** C. Ovin; R. Jones—**CONCEPTS BEHIND TRANSPLANTS:** W. Hryniuk; C. Bartram; P. Martin; P. Sondel

♦Wed 1/22—**LEUKEMIA:** R. Gale; J. Barrett; R. Champlin; B. Barlogie—**Workshops: UNRELATED DONORS:** J. Gajewski; P. Mc Glave; **AUTOTRANSPLANTS IN SOLID TUMORS:** R. Herzog; K. Dicke—**TRANSPLANTS:** A. Fischer; E. Gluckman; A. Auerbach; P. Storb; E. Gordon-Smith; S. Piomelli†; G. Lucarelli†

♦Thur 1/23—**AUTOTRANSPLANTS:** J. Armitage; G. Phillips; L. Nadler; K. Antman; J. Henderson; T. Philip—**Workshops: PREVENTION AND THERAPY OF GVHD:** J. Kersey; O. Ringden; **AUTOTRANSPLANTS IN CML?:** J. Goldman; A. Diesserth

♦Fri 1/24—**ALTERNATIVE DONOR TRANSPLANTS:** J. Hansen; J. Hovs; N. Kerman; C. Anasetti; M. Horowitz; **Workshop: BLOOD VERSUS BONE MARROW TRANSPLANTS:** M. Korbling†; P. Henor

♦Sat 1/25—**ISSUES IN TRANSPLANTS-I:** R. Gale; A. Kessinger; B. Sullivan; H. Kolb; J. Zaia; F. Appelbaum; A. Hess—**Workshop: IGV IN TRANSPLANTS-I:** D. Winston; J. Meyers—**ISSUES IN TRANSPLANTS-II:** E. Zanjani; M. Brenner; J. Touraine; N. Flomenberg; K. Atkinson; R. Saral; R. Blaese

♦Sun 1/26—Departure

POSTER SESSIONS: 1(Mon) Tolerance and Immune Modulation; Immunology; 2(Tue) Hematopoiesis; Concepts Behind Transplants; 3(Wed) Leukemia; Transplants; 4(Thur) Autotransplants; 5(Fri) Alternative Donor Transplants; 6(Sat) Issues in Transplants

MOLECULAR MECHANISMS IN DNA REPLICATION & RECOMBINATION

Organizers: *Harrison Echols and Anna Marie Skalka*

January 25-February 1, 1992; Taos, New Mexico

Exclusively Sponsored by: *U.S. Biochemical Corp.*
Abstract Deadline: Sept. 25, 1991

♦Sat 1/25—REGISTRATION—KEYNOTE ADDRESS:

R. Lehman
♦Sun 1/26—**DNA STRUCTURE AND TOPOLOGY:** N. Cozzarelli†; A. Rich†; D. Crothers; A. Travers; O. Kennard—**DISCUSSION: DNA STRUCTURE AND TOPOLOGY:** J. Griffith†—**POLYMERASE MECHANISM:** S. Steitz†; S. Benkovic; M. O'Donnell†; P. Reichart; C. Mc Henry

♦Mon 1/27—**MULTIPROTEIN REPLICATION AND RECOMBINATION COMPLEXES:** B. Alberts†; H. Echols; A. Landy; K. Mizuuchi; M. Cox—**DISCUSSIONS: POLYMERASE MECHANISM:** T. Waig†; **MULTIPROTEIN COMPLEXES:** P. Von Hippel†—**INITIATION AND TERMINATION OF PROKARYOTIC REPLICATION:** A. Kornberg†; R. M. Macken; S. Wickner; D. Bastia; M. Salas

♦Tue 1/28—**INITIATION AND TERMINATION OF EUKARYOTIC REPLICATION:** T. Kelly†; J. Hurwitz; M. Challberg; D. Clayton; E. Blackburn—**DISCUSSION: INITIATION AND TERMINATION:** C. Georgopoulos—**CONSERVATIVE SITE-SPECIFIC RECOMBINATION:** H. Nash†; R. Kahmann; N. Grindley; D. Schatz; M. Gellert

♦Wed 1/29—**TRANSCRIPTION:** N. Craig†; N. Kleckner; B. Dujon; A. Skalka; H. Varmus—**DISCUSSIONS: INITIATION AND TERMINATION:** M. De Pamphilis†; **SITE-SPECIFIC RECOMBINATION:** R. Johnson—**REPLICATION FORK:** C. Richardson†; K. Marians; S. Matson; J. Campbell; B. Stillman

♦Thur 1/30—**FIDELITY IN GENOME DUPLICATION:** P. Modrich†; M. Goodman; T. Kunkel; M. Radman†; G. Walker—**DISCUSSIONS: TRANSCRIPTION:** R. Craige†; **REPLICATION FORK:** N. Jossal†

♦Fri 1/31—**GENERAL RECOMBINATION:** C. Radding†; F. Stahl; G. Smith; S. Kowalczykowski; R. Kolodner—**DISCUSSIONS: FIDELITY MECHANISM:** C. Joyce†; **GENERAL RECOMBINATION:** S. West†—**CELL CYCLE REGULATION OF REPLICATION:** R. Laskey†; J. Roberts; M. Botchan; J. Newport†—**SUMMARY:** J. Wang

♦Sat 2/1—**Departure**

POSTER SESSIONS: 1(Sun) DNA Structure and Topology; Polymerase Mechanism; 2(Mon) Multiprotein Replication and Recombination Complexes; Initiation and Termination of Prokaryotic Replication; 3(Tue) Initiation and Termination of Eukaryotic Replication; Conservative Site-Specific Recombination; 4(Wed) Transposition; Replication Fork; 5(Thur) Fidelity in Genome Duplication; 6(Fri) General Recombination; Cell Cycle Regulation of Replication

NEGATIVE GROWTH CONTROL

Organizers: Harold Moses and Allan Balmain
January 26-February 2, 1992; Keystone, Colorado
Sponsored by: Specialty Laboratories, Inc.
Abstract Deadline: Sept. 25, 1991

- ♦Sun 1/26—REGISTRATION—KEYNOTE ADDRESS (joint)
- ♦Mon 1/27—THE CELL CYCLE (joint): D. Beach; S. Reed; G. Vande Woude
- NEGATIVE REGULATION BY TGF-BETA: R. Derynck; A. Roberts; H. Moses
- ♦Tue 1/28—GENE LOSS IN TUMOR PROGRESSION: Y. Nakamura; C. Harris; J. Barrett; J. Pieteroni—p53: A. Balmain; D. Lane; J. Minnat; A. Bradley
- ♦Wed 1/29—GROWTH REGULATION BY RAS AND GAP (joint): F. McCormick; D. Lowy; M. Noda; M. Wigler
- THE RETINOBLASTOMA GENE: R. Weinberg; W. Lee; B. Gallie
- ♦Thur 1/30—DNA VIRAL ONCOPROTEINS AND GROWTH CONTROL: D. Livingston; P. Howley; E. Hatlow; M. Oren—OTHER GROWTH INHIBITORY PEPTIDES AND GENES: I. Pragnell; G. Ringold; S. Aaronson; P. Steeg
- ♦Fri 1/31—REGULATION OF GENE EXPRESSION (joint): R. Evans; J. Kadonaga; R. Roeder
- ♦Sat 2/1—WILMS TUMOR AND NEUROFIBROMATOSIS GENES: D. Hausman; R. White; F. Collins; V. Van Heyningen—CELL MEMBRANE AND EXTRA-CELLULAR MATRIX: P. Herrlich; H. Saito; M. Takeichi
- ♦Sun 2/2—Departure
- POSTER SESSIONS: 1(Mon) The Cell Cycle; Negative Regulation by TGF-Beta; 2(Tue) Gene Loss in Tumor Progression; p53; 3(Wed) Growth Regulation by RAS and GAP; The Retinoblastoma Gene; 4(Thur) DNA Viral Oncoproteins and Growth Control; Other Growth Inhibitory Peptides and Genes; 5(Fri) Regulation of Gene Expression

POSITIVE GROWTH CONTROL

Organizers: Charles Sherr, Thomas Curran and Tony Hunter
January 26-February 2, 1992; Keystone, Colorado
Abstract Deadline: Sept. 25, 1991

- ♦Sun 1/26—REGISTRATION—KEYNOTE ADDRESS (joint)
- ♦Mon 1/27—THE CELL CYCLE (joint): D. Beach; S. Reed; G. Vande Woude
- GROWTH FACTORS: K. Zsebo; R. Stanley; A. Mc Mahon; C. Heldin
- ♦Tue 1/28—RECEPTORS I: N. Nicola; T. Taniguchi; M. Caron—RECEPTORS II: J. Cooper; C. Sherr; T. Pawson
- ♦Wed 1/29—GROWTH REGULATION BY RAS AND GAP (joint): F. McCormick; D. Lowy; M. Noda; M. Wigler
- CYTOPLASMIC TYROSINE KINASES: T. Hunter; J. Brugge; B. Sefton; H. Hanafusa
- ♦Thur 1/30—SECOND MESSENGER SYSTEMS: G. Carpenter; L. Cantley; P. Majerus; J. Pouyssegur—ONCOGENES AND DIFFERENTIATION I: G. Grosveldt; R. Eisenman; T. Curran; W. Greene
- ♦Fri 1/31—REGULATION OF GENE EXPRESSION (joint): R. Evans; R. Roeder; J. Kadonaga
- ♦Sat 2/1—ONCOGENES AND DIFFERENTIATION II: J. Adams; O. Witte; J. Ihle; F. Grosveldt—GROWTH AND DEVELOPMENT: B. Hogan; F. O'effmann; R. Firtel
- ♦Sun 2/2—Departure
- POSTER SESSIONS: 1(Mon) The Cell Cycle; Growth Factors; 2(Tue) Receptors; 3(Wed) Growth Regulation by RAS and GAP; Cytoplasmic Tyrosine Kinases; 4(Thur) Second Messenger Systems; Oncogenes and Differentiation; 5(Fri) Regulation of Gene Expression

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 Inst-Nutrition Fndn
Committees on Diet and Behavior, and Aspartame
Abstract Deadline: Sept. 25, 1991

- ♦Sun 2/2—REGISTRATION—DIET, NEUROTRANSMITTERS, BEHAVIOR/FOOD INTAKE-I: Evidence for Regulation and Caloric Sensitivity: G. Anderson; L. Birch; G. Bray; R. Andres
- ♦Mon 2/3—DIET, NEUROTRANSMITTERS, BEHAVIOR/FOOD INTAKE-II: Caloric Compensation; Mechanisms for Regulation: B. Rolls; J. Fernstrom; L. Bartoshuk; M. Friedman; S. Ritter—DIET, NEUROTRANSMITTERS, BEHAVIOR/FOOD INTAKE-III: Determinants of Body Weight and Fat: Caloric Compensation and Macronutrient Substitution: J. Fernstrom; J. Blundell; G. Anderson—DIET, NEUROTRANSMITTERS, BEHAVIOR/FOOD INTAKE-III (Continued): A. Scalfani; K. Telford; A. Levine; A. Drewnowski; B. Rolls; R. Harris
- ♦Tue 2/4—DIET, NEUROTRANSMITTERS, BEHAVIOR/FOOD INTAKE-IV: Food, Mood and Cognitive Performance: M. Storey; B. Spring; D. Wyon; F. Kanarek; H. Lieberman—REGULATORY APPLICATIONS AND IMPLICATIONS: T. Vollmuth; J. Vanderveen; E. Yelley; T. Sobolka; W. Cinsmann—FREE AMINO ACIDS AND CNS FUNCTION: G. Gaul; J. Cronan; J. Oney; B. Meldrum
- ♦Wed 2/5—DIETARY FAT AND THE CENTRAL NERVOUS SYSTEM: G. Miller; J. Bourret; R. Uauy-Dagach; S. Zeisel; C. Greenwood; N. Bazant—AGING AND CENTRAL NERVOUS SYSTEM FUNCTION: R. Andres; I.

Rosenberg; R. Doty; S. Schiffman

♦Thur 2/6—Departure

POSTER SESSIONS: 1(Mon) Diet, Neurotransmitters, Behavior/Food Intake; Caloric Compensation; Mechanisms for Regulation; Diet, Neurotransmitters, Behavior/Food Intake; Determinants of Body Weight and Fat; Caloric Compensation and Macronutrient Substitution; 2(Tue) Diet, Neurotransmitters, Behavior/Food Intake; Food, Mood and Cognitive Performance; Free Amino Acids and CNS Function; 3(Wed) Dietary Fat and the Central Nervous System; Aging and Central Nervous System Function

CYTOKINES IN GROWTH AND DEVELOPMENT

Organizers: Charles Evans and Stanley Cohen
February 1-8, 1992; Taos, New Mexico
Sponsored by: Immunex, Corp. and SmithKline Beecham Pharmaceuticals
Abstract Deadline: Sept. 25, 1991

- ♦Sat 2/1—REGISTRATION—KEYNOTE ADDRESS (joint): T. Boon
- ♦Sun 2/2—EMBRYOGENESIS AND DEVELOPMENT: S. Cohen; F. Collier; G. Thomsen; E. Adamson—CYTOKINES IN INFLAMMATION AND REPAIR: C. Dinarello; D. Wallach; M. Catalano
- ♦Mon 2/3—VIRUSES AND CYTOKINES: C. Evans; T. Folks; L. Gooding; N. Rose—REGULATION OF NORMAL AND NEOPLASTIC GROWTH: S. Bishayee; M. Cohen; C. Ware; E. Gilboa
- ♦Tue 2/4—CYTOKINES AND THE ENDOCRINE SYSTEM (joint): N. Rose; N. Sarvetnick; J. Krueger; R. Daynes; K. Bendtzen—CYTOKINES AS PATHOPHYSIOLOGIC AGENTS: J. Korn; S. Krane; G. Mundy; A. Postlethwaite
- ♦Wed 2/5—CYTOKINES AND DIFFERENTIATION: L. Epstein; G. Trinchieri; M. Murphy; M. Moore
- ♦Thur 2/6—NEUROBIOLOGY (joint): J. Merrill; P. Patterson; B. Arnason; R. Mc Kay—CYTOKINES AND THE CARDIOVASCULAR SYSTEM: G. Schreiner; L. Lange; R. Cotran
- ♦Fri 2/7—ONTOGENY OF AGING: T. Maciag; C. Finch; Nancy Nichols; D. Ernst; R. Miller—CYTOKINE INTERACTIONS IN BACTERIAL AND PARASITIC DISEASE: A. Cerami; G. Grav; B. Sherry; R. Locksley—CLOSING REMARKS: C. Evans; S. Cohen
- ♦Sat 2/8—Departure
- POSTER SESSIONS: 1(Sun) Embryogenesis and Development; Inflammation and Repair; 2(Mon) Viruses and Cytokines; Regulation of Normal and Neoplastic Growth; 3(Tue) Cytokines and the Endocrine System; Cytokines as Pathophysiological Agents; 4(Thur) Differentiation; Neurobiology; Cardiovascular System; Ontogeny of Aging; Interactions in Bacterial and Parasitic Diseases

MELANOMA AND BIOLOGY OF THE NEURAL CREST

Organizers: Michael Lotze, Margaret Tucker and Mark Israel
February 1-8, 1992; Taos, New Mexico
Abstract Deadline: Sept. 25, 1991

- ♦Sat 2/1—REGISTRATION—KEYNOTE ADDRESS (joint): T. Boon
- ♦Sun 2/2—MELANOBIOLOGY: A. Houghton; M. Herlyn; M. Wick; R. Halaban—THE EPIDEMIOLOGY AND GENETICS OF MELANOMA: M. Tucker; N. Dracopoli; J. Trent
- ♦Mon 2/3—ANTIGENS DEFINED BY T CELLS: D. Pardoll; S. Topalian; A. Anichini—USE OF ANTISENSE MOLECULES: L. Neckers; D. Becker; G. Nabel
- ♦Tue 2/4—CYTOKINES AND THE ENDOCRINE SYSTEM (joint): N. Rose; N. Sarvetnick; J. Krueger; R. Daynes; K. Bendtzen—ANIMAL MODELS OF MELANOMA: J. Mule; M. Krikke; A. De Leo; B. Mintz
- ♦Wed 2/5—NEURAL CREST MALIGNANCIES: M. Israel; T. Jacks; R. Weinberg; W. Cavenee; S. Baylin
- ♦Thur 2/6—NEUROBIOLOGY (joint): J. Merrill; P. Patterson; B. Arnason; R. Mc Kay—MOLECULAR GENETICS OF THE NEURAL CREST: R. White; L. Parada; D. Anderson; B. Seizinger
- ♦Fri 2/7—MHC MOLECULES AND THEIR BIOLOGIC ROLE: W. Biddison; R. Bernards; D. Guerry; E. Gorelik—IMMUNOTHERAPY OF MELANOMA AND OTHER NEURAL CREST TUMORS: M. Lotze; J. Kirkwood; N. Cheung—Closing Address: W. Clark
- ♦Sat 2/8—Departure
- POSTER SESSIONS: 1(Sun) Melanobiology; 2(Mon) T Cell Recognition of Melanoma and Tumors of the Neural Crest; 3(Tue) Animal Models; 4(Thur) Molecular Biology of the Neural Crest; 5(Fri) Immune Mechanisms of Tumor Recognition and Treatment

STEROID/THYROID, RECEPTOR GENE SUPER FAMILY

Organizers: John Cidlowski, Bert O'Malley and Herbert Samuels
February 21-27, 1992; Tamaron, Colorado
Abstract Deadline: Oct. 23, 1991

- ♦Fri 2/21—REGISTRATION—Plenary Lecture: R. Evans
- ♦Sat 2/22—RECEPTOR PHOSPHORYLATION: A. Munck; K. Horwitz; W. Schrader; M. Montminy—Plenary Lecture: B. O'Malley—NATURAL MUTATIONS IN RECEPTOR GENES: F. French; W. Pike; B. Weintraub; W. Mc Guire
- ♦Sun 2/23—RECEPTOR HEAT SHOCK PROTEIN INTERACTIONS: D. Toft; W. Pratt; E. Baulieu; D. Edwards—Plenary Lecture: M. Ptashne—RECEPTOR DNA INTERACTION: M. Beato; M. Parker; R. Larsen; G. Hager
- ♦Mon 2/24—RECEPTOR AND CELL BIOLOGY: E. Milgrom; J. Gorski; J. Tata—Plenary Lecture: R. Roeder—RECEPTOR BIOCHEMISTRY: J.

Gustafsson; T. Lufkin; D. Rhodes; J. Toney; B. Thompson

- ♦Tue 2/25—CONTROL OF RECEPTOR GENE EXPRESSION: W. Chin; B. Katzenellenbogen; J. Cidlowski; G. Greene—IN VITRO TRANSCRIPTION REGULATION BY RECEPTORS: D. Shapiro; M. Tsai; G. Schuetz; W. Wahli
- ♦Wed 2/26—RECEPTORS AND DEVELOPMENT: G. Ringold; D. Brown; B. Vennstrom; J. Oppenheimer—Plenary Lecture: H. Samuels—RECEPTOR MEDIATED POSITIVE AND NEGATIVE REGULATION: J. Drouin; M. Rosenfeld; D. Granner; L. Jameson
- ♦Thur 2/27—Departure
- POSTER SESSIONS: 1(Sat) Receptor Phosphorylation; Natural Mutations in Receptor Genes; 2(Sun) Receptor Heat Shock Protein Interactions; Receptor DNA Interaction; 3(Mon) Receptor and Cell Biology; Receptor Biochemistry; 4(Wed) Receptors and Development; Receptor Mediated Positive and Negative Regulation

HEMATOPOIESIS

Organizers: David Golde and Charles Sherr
February 27- March 5, 1992; Tamaron, Colorado
Sponsored by: Amgen, Inc., Immunex, Corp. and R.W. Johnson Pharmaceutical Research Institute
Abstract Deadline: Oct. 23, 1991

- ♦Thur 2/27—REGISTRATION—KEYNOTE ADDRESS: D. Golde
- ♦Fri 2/28—HEMATOPOIETIC STEM CELLS: I. Lemischka; M. Ogawa; C. Eaves—B LYMPHOCYTES: O. Witte; W. Paul; S. Cory; S. Korsmeyer
- ♦Sat 2/29—T LYMPHOCYTES: T. Mak; E. Reinherz; D. Agus; A. Weiss; B. Sefton—MYELOID GROWTH FACTORS: N. Nicola; J. Griffin; S. Gillis; S. Clark
- ♦Sun 3/1—MYELOID GROWTH FACTORS II: T. Kishimoto; J. Groopman; J. Gasson; L. Park—MYELOID GROWTH FACTORS III: K. Arai; M. Moore; E. Stanley
- ♦Mon 3/2—CYTOKINES/MICROENVIRONMENT: T. Springer; K. Zsebo; J. Oppenheim; T. Dexter—RED CELLS: H. Bunn; G. Stamatoyannopoulos; Y. Kan; H. Beug
- ♦Tue 3/3—SIGNAL TRANSDUCTION: A. D'Andrea; C. Sherr; A. Bernstein; M. Raines—GENE TRANSFER AND EXPRESSION: A. Nienhuis; F. Costantini; J. Ihle; T. Graf
- ♦Wed 3/4—CLINICAL I: R. O'Reilly; R. Mertelsmann; W. Peters; J. Glaspay—CLINICAL II: R. Spiegel; F. Appelbaum; A. Gianni; J. Gahrhove
- ♦Thur 3/5—Departure
- POSTER SESSIONS: 1(Fri) Hematopoietic Stem Cells; T Lymphocytes; 2(Sat) B Lymphocytes; Myeloid Growth Factors; 3(Sun) Myeloid Growth Factors; 4(Mon) Cytokines/Microenvironment; Red Cells; 5(Wed) Clinical

CELL BIOLOGY OF VIRUS ENTRY, REPLICATION AND PATHOGENESIS

Organizers: Michael Oldstone, Ari Helenius and Richard Compas
February 28-March 5, 1992; Taos, New Mexico
Sponsored by: SmithKline Beecham Pharmaceuticals
Abstract Deadline: Oct. 23, 1991

- ♦Fri 2/28—REGISTRATION—KEYNOTE ADDRESS: P. Vogt
- ♦Sat 2/29—VIRUS STRUCTURE: J. Hogle; S. Harrison—VIRAL RECEPTORS AND ENTRY: V. Racaniello; D. Littman; J. White
- ♦Sun 3/1—STRUCTURE AND FUNCTION OF VIRAL GLYCOPROTEINS: R. Lamb—VIRUS-INDUCED CELL FUSION: B. Hahn; T. Morrison; W. Almers
- ♦Mon 3/2—VIRUS INFECTION OF THE NERVOUS SYSTEM: B. Fields; B. Chesebro; M. Biller; J. Stevens—TRANSGENIC MODELS OF VIRAL DISEASES: G. Jay; F. Chisari
- ♦Tue 3/3—PRESENTATION OF VIRAL ANTIGENS: J. Whitton; T. Braciale—VIRUS INFECTION OF THE IMMUNE SYSTEM (VIRUS INDUCED IMMUNOSUPPRESSION): P. Tattersall; M. Oldstone
- ♦Wed 3/4—PROTEIN TRAFFICKING IN INFECTED CELLS: K. Simons; E. Rodriguez-Boulan; A. Helenius—MAJOR HISTOCOMPATIBILITY GLYCOPROTEIN-PEPTIDE INTERACTIONS: D. Wiley; A. Townsend; P. Peterson
- ♦Thur 3/5—Departure
- POSTER SESSIONS: 1(Sat) Virus Structure; Viral Receptors and Entry; 2(Sun) Structure and Function of Viral Glycoproteins; Virus-Induced Cell Fusion; 3(Mon) Virus Infection of the Nervous System; Major Histocompatibility Glycoprotein-Peptide Interactions; 4(Wed) Protein Trafficking in Infected Cells; Transgenic Models of Viral Diseases

RECOGNITION OF ENDOXIN IN BIOLOGIC SYSTEMS

Organizers: Richard J. Ulevitch and Peter S. Tobias
March 1-7, 1992; Lake Tahoe, California
Abstract Deadline: Oct. 23, 1991

- ♦Sun 3/1—REGISTRATION
- ♦Mon 3/2—BIOSYNTHESIS, STRUCTURE AND CHEMISTRY OF NATURAL AND SYNTHETIC LIPID A: E. Rietschel; C. Raetz; P. Stuetz—PROTEINS WITH LIPID A BINDING SITES: S. Wanaga; P. Eissbach; R. Munford; P. Tobias
- ♦Tue 3/3—CANDIDATES FOR LIPID A RECEPTORS: D. Morrison; R. Dziarski; M. Nishijima; T. Kirkland—CD14 AND A NEW PARADIGM FOR LPS RECOGNITION BY CELLS: P. Robinson; R. Anderson; S. Goyert
- ♦Wed 3/4—LPS-INDUCED CELL STIMULATION VIA CD14: S. Wright; R. Ulevitch; T. Pohlman; L. Sklar—SIGNAL TRANSDUCTION MECHANISMS OF LPS: A. Aderem; T. M. Pabst; A. Ding; C. Nathan; N. Mackman

♦Thur 3/5—**EFFECTOR MECHANISMS FOR LPS ACTION:** B. Beutler; B. Sherry; S. Kunkel; T. Edgington—**CLINICAL AND LABORATORY STUDIES THAT POINT THE WAY TO NEW TREATMENTS:** K. Tracey; C. Dinarello; D. Wallace
 ♦Fri 3/6—**NEW OPPORTUNITIES FOR THERAPY-I:** D. Dunn; E. Ziegler; M. Glauser—**NEW OPPORTUNITIES FOR THERAPY-II:** R. Lenz; R. Thompson
 ♦Sat 3/7—**Departure**
 POSTER SESSIONS: 1(Mon) Biosynthesis, Structure and Chemistry of Natural and Synthetic Lipid; Proteins with Lipid A Binding Sites; 2(Tue) Candidates for Lipid A Receptors; CD14 and a New Paradigm for LPS Recognition by Cells; 3(Wed) LPS-Induced Cell Stimulation Via CD14; Signal Transduction Mechanisms of LPS; 4(Fri) New Opportunities for Therapy

ANTIGEN PRESENTATION FUNCTION OF THE MHC

Organizers: Michael Bevan and Paul Allen
 March 5-11, 1992; Taos, New Mexico
 Sponsored by: Hoffmann-La Roche, Inc. and ICI Pharmaceuticals Group
 Abstract Deadline: Nov. 6, 1991

♦Thur 3/5—**REGISTRATION—KEYNOTE ADDRESS**
 ♦Fri 3/6—**CLASS I STRUCTURE AND FUNCTION:** D. Wiley; H. Eisen; S. Nathenson—**THE CLASS I PATHWAY OF ANTIGEN PRESENTATION:** H. Ploegh; A. Townsend; H. Rammensee; J. Monaco
 ♦Sat 3/7—**PEPTIDE-CLASS II INTERACTION:** M. Davis; D. Mathis; P. Allen—**NON CLASSICAL MHC ANTIGENS:** K. Fischer-Lindahl; R. Rich; R. Demars
 ♦Sun 3/8—**ACCESSORY MOLECULES INTERACTING WITH MHC:** P. Parham; D. Littman; T. Mak; T. Hansen—**STRUCTURE AND FUNCTION OF THE INVARIANT CHAIN:** P. Peterson; P. Cresswell; J. Miller
 ♦Mon 3/9—**INTRACELLULAR ASPECTS OF CLASS II RESTRICTED ANTIGEN PROCESSING:** F. Brodsky; E. Unanue; J. Rothman—**SUPERANTIGENS AND OTHERS:** P. Marrack; S. Webb; H. Mac Donald
 ♦Tue 3/10—**THE TWILIGHT ZONE: NATURAL KILLERS AND HYBRID HISTOCOMPATIBILITY:** K. Karre; D. Raulet; M. Bennett—**WHAT DO T CELLS BEARING GAMMA DELTA RECEPTORS SEE?:** S. Tonegawa; W. Born; S. Hedrick; L. Lefrançois
 ♦Wed 3/11—**Departure**
 POSTER SESSIONS: 1(Fri) Class I Structure and Function; The Class I Pathway of Antigen Presentation; 2(Sat) Peptide-Class II Interaction; Non Classical MHC Antigens; 3(Sun) Accessory Molecules Interacting with MHC; Structure and Function of the Invariant Chain; 4(Tue) The Twilight Zone: Natural Killers and Hybrid Histocompatibility: What do T-Cells Bearing Gamma Delta Receptors See?

BREAST AND PROSTATE CANCER

Organizers: Marc Lippman and Robert Dickson
 March 7-13, 1992; Lake Tahoe, California

Sponsored by: Du Pont Merck Pharmaceutical Co., Genentech Inc., and Specialty Laboratories, Inc.
 Abstract Deadline: Nov. 6, 1991

♦Sat 3/7—**REGISTRATION—KEYNOTE ADDRESS:** D. Coffey
 ♦Sun 3/8—**RECEPTORS:** M. Lippman; B. Katzenellenbogen; E. Milgrom; L. Williams—**PROSTATE CANCER A:** J. Wilson; T. Thompson; G. Wilding; M. Parker
 ♦Mon 3/9—**PROSTATE CANCER B:** G. Cunha; D. Djakiew; J. Isaacs; C. Knabnet—**CLINICAL ASPECTS OF PROSTATE AND BREAST CANCER:** L. Norton; A. Harris; P. Walsh; D. Slamon
 ♦Tue 3/10—**ONCOGENES:** S. Aaronson; W. Gullick; M. Greene; W. Mc Guire—**STROMAL-EPIHELIAL INTERACTIONS:** M. Bissell; T. Sakakura; K. Cullen
 ♦Wed 3/11—**METASTASIS/PROGRESSION:** P. Steeg; H. Kleinman; J. Thiery; H. Rochefort—**WORKSHOP**
 ♦Thur 3/12—**GROWTH INHIBITORS/SUPPRESSORS:** M. Wicha; R. Sager; R. Grosse; G. Todaro—**GROWTHFACTORS:** T. Maciag; A. Wellstein; R. Dickson; D. Salomon
 ♦Fri 3/13—**Departure**
 POSTER SESSIONS: 1(Sun) Receptors; Prostate Cancer A; 2(Mon) Prostate Cancer B; Clinical Aspects of Prostate and Breast Cancer; 3(Tue) Oncogenes; Stromal-Epithelial Interactions; 4(Thur) Growth Inhibitors/Suppressors; Growth Factors

STRATEGIES IN CHEMOPREVENTION OF HORMONE-DEPENDENT CANCERS:

March 10-13, 1992; Lake Tahoe, California

This workshop has been split off into two separate workshops:
 1. PROSTATE: Tentatively scheduled for January 1992. 2. BREAST: Tentatively scheduled for August 1992. These workshops are not to be confused with our conference on Breast and Prostate Cancer to be held March 1992.

METAL ION/MOLECULAR BIOLOGY INTERFACE

Organizers: Vincent Pecoraro, Steve Lippard and Michael Karin
 March 13-19, 1992; Lake Tahoe, California
 Abstract Deadline: Nov. 6, 1991

♦Fri 3/13—**REGISTRATION**
 ♦Sat 3/14—**MOLECULAR BIOLOGY TUTORIAL:** S. Lippard; T. Tullius;

L. Mc Intosh; R. Hausinger; T. O'Halloran—**BIOPHYSICAL METHODS TUTORIAL:** V. Pecoraro; P. Wright; J. Golbeck; B. Honig
 ♦Sun 3/15—**DE NOVO DESIGN OF METALLOPROTEINS AND METAL ASSEMBLIES:** M. Karin; M. Montal; C. Craik; B. Honig; J. Groves—**METAL REGULATION OF GENE EXPRESSION (Transition Metals):** M. Karin; D. Thiele; R. Hausinger; R. Klausner; E. Theil
 ♦Mon 3/16—**METAL REGULATION OF GENE EXPRESSION (Group 12 Metals):** V. Pecoraro; T. O'Halloran; J. Bergt; P. Sigler—**DNA CLEAVAGE CHEMISTRY:** S. Lippard; J. Stubbe; A. Schepartz
 ♦Tue 3/17—**DNA STRUCTURE AND CHEMISTRY:** M. Karin; W. Sundquist; J. Williamson; T. Tullius—**Banquet Address:** C. Walsh
 ♦Wed 3/18—**PHOTOSYNTHESIS:** V. Pecoraro; L. Mc Intosh; J. Golbeck; P. Wright
 ♦Thur 3/19—**Departure**
 POSTER SESSIONS: 1(Mon) Molecular Biology; 2(Wed) Synthetic/Bio-physical Methods; Photosynthesis

GLYCOBIOLOGY II

Organizers: Joseph Welply and Gerald Hart
 March 21-27, 1992; Park City, Utah
 Abstract Deadline: Nov. 6, 1991

♦Sat 3/21—**REGISTRATION**
 ♦Sun 3/22—**EMERGING ANALYTICAL TECHNOLOGIES:** A. Dell; K. Duffin; H. Van Halbeek; P. Jackson; R. Hecht—**CHO BINDING PROTEINS: LECTINS AND GLYCOSYL TRANSFERASES:** R. Cummings; Y. Lee; F. Quiñoco; J. Lowe; J. Lau
 ♦Mon 3/23—**PHARMACEUTICAL INTERESTS IN GLYCOBIOLOGY:** O. Hindsgaul; J. Paulson; R. Parekh; E. Conrad; D. Cumming—**GLYCOSYLATION AND HUMAN DISEASE:** A. Kobata; T. Feizi; J. Dennis; N. Sharon; T. Rademacher
 ♦Tue 3/24—**BIOLOGY OF GLYCOSAMINOGLYCANS:** U. Lindahl; R. Linhardt; B. Toole; M. Bernfield; J. Esko
 ♦Wed 3/25—**GLYCOSYL PHOSPHATIDYLINOSITOLS:** M. Ferguson; T. Doering; A. Sallie; S. Turco; M. Mc Conville—**Banquet Address:** K. Dickamer
 ♦Thur 3/26—**GLYCOCONJUGATES IN CELLULAR RECOGNITION AND ADHESION:** S. Rosen; M. Burger; K. Karlsson; B. Shur; S. Hakomori—**GLYCOCONJUGATES AND CELLULAR METABOLISM:** A. Varki; R. Halliwoyer; J. Wang; A. Mercurio; M. Fukuda
 ♦Fri 3/27—**Departure**
 POSTER SESSIONS: 1(Sun) Applications of Technology for Characterization of Physical and Structural Properties of Oligosaccharides, Lectins and Glycosyltransferases; 2(Mon) The Role of Glycosylation in Human Disease: Possibilities for Therapeutic Intervention; 3(Tue) The Biological Function of Glycosaminoglycans, Glycosylphosphatidylinositols and other Complex Carbohydrates; 4(Wed) Glycoconjugates and the Cell: Organelles, Extracellular Matrix, Cell-Cell Recognition, and Development

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.
 Abstract Deadline: Nov. 20, 1991

♦Fri 3/27—**REGISTRATION**
 ♦Sat 3/28—**VIRUS/HOST CELL INTERACTIONS:** R. Weiss; E. Reinherz; D. Littman; I. Chen—**WORKSHOP:** J. Sodroski; M. Rosenberg; J. Moore; J. Allan; E. Hunter; M. Alizon
 ♦Sun 3/29—**MOLECULAR BIOLOGY:** W. Greene; M. Mathews; F. Wong-Staal; W. Haseltine—**WORKSHOP:** D. Rekosh; C. Rosen; R. Gaynor; B. Hahn; M. Reitz; J. Karn
 ♦Mon 3/30—**VIRAL PATHOGENESIS:** R. Desrosiers; A. Fauci; L. Montagnier; R. Gallo—**WORKSHOP:** C. Chang-Meyer; D. Ho; M. Martin; J. Mullins; S. Wain-Hobson; D. Mosier
 ♦Tue 3/31—**IMMUNE RESPONSES TO HIV/SIV:** E. Norrby; J. Goudsmit; A. Mc Michael; R. Siliciano—**WORKSHOP:** S. Koenig; J. Berzofsky; T. Matthews; K. Javaherian; N. Levin
 ♦Wed 4/1—**PROGRESS IN VACCINE RESEARCH:** M. Gardner; P. Berman; E. Emini; L. Corey—**WORKSHOP:** J. Stott; G. Biberfeld; D. Panticali; M. Girard; B. Haynes
 ♦Thur 4/2—**NEW STRATEGIES FOR AIDS TREATMENT:** J. Mc Gowan; M. Rosenberg; S. Broder; S. Goff; J. Erickson; R. Redfield—**WORKSHOP:** S. Petteway; J. Zaia; D. Jolly; V. Merluzzi; G. Tarpley; B. Ensoli; M. Hsu
 ♦Fri 4/3—**Departure**
 POSTER SESSIONS: 1(Sat) Virus/Host Cell Interactions; 2(Sun) Molecular Biology; 3(Mon) Viral Pathogenesis; 4(Tue) Immune Responses to HIV/SIV; 5(Thur) New Strategies for AIDS Treatment

CRITICAL RESEARCH DIRECTIONS IN PEDIATRIC HIV INFECTION

Organizers: Arthur J. Ammann, Philip A. Pizzo and E. Richard Steinhilber
 March 27-31, 1992; Frisco, Colorado
 Exclusively Sponsored by: The Pediatric AIDS Foundation
 Co-Founders: Susan De Laurentis, Elizabeth Glaser and Susan Zeegen
 Abstract Deadline: Nov. 20, 1991

♦Fri 3/27—**REGISTRATION**
 ♦Sat 3/28—**CENTRAL NERVOUS SYSTEM IN PEDIATRIC AIDS:** T. Jessell; R. Johnson; D. Giuliant; L. Epstein—**DISCUSSION**
 ♦Sun 3/29—**FACTORS RELATED TO MATERNAL/FETAL TRANSMIS-**

SION OF HIV-1: M. Rogers; B. Haynes; D. Ho; H. Margolis—**DISCUSSION**

♦Mon 3/30—**OPPORTUNISTIC INFECTIONS IN CHILDREN WITH HIV: PROBLEMS AND CHALLENGES:** P. Pizzo; M. Sance; C.R. Horsburgh; J. Zaia; G. Miller—**DISCUSSION—Summary**
 ♦Tue 3/31—**Departure**
 POSTER SESSIONS: 1(Sat) Central Nervous System in Pediatric AIDS; 2(Sun) Factors Related to Maternal/Fetal Transmission of HIV-1; 3(Mon) Opportunistic Infections in Children with HIV: Preclinical and Challenges

FUNDAMENTAL MECHANISMS OF TRANSCRIPTION

Organizers: Joan and Ron Conaway, Michael Dahmus and Robert Schlegel
 March 28-April 3, 1992; Copper Mountain Colorado
 Abstract Deadline: Nov. 20, 1991

♦Sat 3/28—**REGISTRATION—KEYNOTE ADDRESS:** R. Kornberg
 ♦Sun 3/29—**STRUCTURE AND PHYSICAL CHEMISTRY OF DNA AND PROTEIN-DNA INTERACTIONS:** S. Harrison; F. Kirj; M. Levitt; B. Wang; L. Liu—**INITIATION MECHANISMS-I:** M. Chamberlin; C. Gross; J. Gralla; H. Buc
 ♦Mon 3/30—**INITIATION MECHANISMS-II:** R. Conaway; J. Greenblatt; D. Reinberg; J. Egly; K. Struhl—**INITIATION MECHANISMS-III:** R. Reeder; G. Kassavetis; I. Grummt; M. Paule
 ♦Tue 3/31—**STRUCTURE AND FUNCTION OF RNA POLYMERASES:** M. Dahmus; A. Greenleaf; A. Sentenac; R. Young; J. Corden; W. Dynan—**REGULATORY MECHANISMS-I:** R. Schleif; S. Kustu; R. Losick; T. O'Halloran
 ♦Wed 4/1—**REGULATORY MECHANISMS-II:** R. Kornberg; R. Roeder; P. Chambon; M. Ptashne; A. Berk—**MECHANISMS AND REGULATION OF TRANSCRIPTION ELONGATION AND TERMINATION-I:** C. Kane; A. Wright; D. Luse; R. Landick
 ♦Thur 4/2—**REGULATORY MECHANISMS IN TRANSCRIPTION ELONGATION AND TERMINATION-II:** N. Hernandez; M. Groudine; D. Reines—**CHROMATIN STRUCTURE AND TRANSCRIPTIONAL REGULATION:** M. Grunstein; G. Hager; R. Simpson; A. Johnson
 ♦Fri 4/3—**Departure**
 POSTER SESSIONS: 1(Sun) Structure and Physical Chemistry of DNA and Protein-DNA Interactions; 2(Mon) Initiation Mechanisms; 3(Tue) Structure and Function of RNA Polymerases; Regulatory Mechanisms; 4(Thur) Regulatory Mechanisms in Transcription Elongation and Termination; Chromatin Structure and Transcriptional Regulation

ADVANCES IN UNDERSTANDING NEURODEGENERATIVE DISORDERS

Organizers: Dennis Cunningham and Donald Price
 March 28-April 4, 1992; Big Sky, Montana
 Sponsored by: Amgen, Inc. and Du Pont Merck Pharmaceutical Co.
 Abstract Deadline: Nov. 20, 1991

♦Sat 3/28—**REGISTRATION—KEYNOTE ADDRESS:** C. Gajdusek
 ♦Sun 3/29—**CLINICAL PHENOTYPES/GENETICS:** J. Growdon; R. Tanzi; P. Brown; K. Hsiao—**NEW DIAGNOSTIC APPROACHES:** D. Selkoe; S. Younkin; P. Davies; M. De Leon
 ♦Mon 3/30—**MECHANISMS OF NEURONAL DEGENERATION:** J. Coylet; D. Choi
 ♦Tue 3/31—**NEURONAL ABNORMALITIES IN AD:** K. Kosik; D. Cunningham; K. Iqbal; C. Wischik
 ♦Wed 4/1—**AMYLOIDOGENESIS-I:** D. Price; K. Beyreuther; D. Goldberg; S. Sisodia; W. Van Nostrand—**AMYLOIDOGENESIS-II:** D. Cunningham; H. Wisniewski; B. Frangione; S. De Armond
 ♦Thur 4/2—**ANIMAL MODELS FOR AD AND SE:** D. Price; S. Prusiner; S. Richards; P. Spencer
 ♦Fri 4/3—**THERAPEUTIC STRATEGIES-I:** F. Heltz; V. Koliatsos; A. Levey; F. Gage—**THERAPEUTIC STRATEGIES-II:** R. Mc Kay; A. Aguayo; K. Davis
 ♦Sat 4/4—**Departure**
 POSTER SESSIONS: 1(Sun) Clinical Phenotypes/Genetics; New Diagnostic Approaches; 2(Mon) Mechanisms of Neuronal Degeneration; 3(Tue) Neuronal Abnormalities in AD; 4(Wed) Amyloidogenesis; 5(Thur) Animal Models for AD and SE; 6(Fri) Therapeutic Strategies

SYNAPSE FORMATION AND FUNCTION: THE NEUROMUSCULAR JUNCTION AND THE CENTRAL NERVOUS SYSTEM

Organizers: Stanley Froehner and James Patrick
 March 28-April 4, 1992; Big Sky, Montana
 Sponsored by: Eli Lilly Research Laboratories
 Abstract Deadline: Nov. 20, 1991

♦Sat 3/28—**REGISTRATION**
 ♦Sun 3/29—**MECHANISM AND REGULATION OF NEUROTRANSMITTER RELEASE:** W. Almers; R. Scheller; T. Sudhof—**FUNCTION OF NEUROTRANSMITTER RECEPTORS:** J. Dani; M. Mayer; C. Jahr
 ♦Mon 3/30—**STRUCTURE OF NEUROTRANSMITTER RECEPTORS:** J. Cohen; P. Seeburg; S. Heinemann—**TERMINATION OF NEUROTRANSMITTER ACTIVITY:** P. Taylor; R. Rotundo; B. Karner
 ♦Tue 3/31—**POST-TRANSLATIONAL MODIFICATIONS OF SYNAPTIC MOLECULES:** R. Huganir; D. Berg; M. Kennedy—**SYNAPTIC ORGANIZATION OF NEUROTRANSMITTER RECEPTORS AND ION CHANNELS:** M. Salpeter; S. Froehner; P. Sargent; K. Angelides

♦Wed 4/1—**USE-DEPENDENT DEVELOPMENT OF SYNAPTIC STRUCTURE**: J. Lichtman, S. Udin, M. Stryker—**SYNAPTIC REGULATION OF GENE EXPRESSION**: Z. Hall; B. O'Malley; J. Morgan
 ♦Thur 4/2—**MOLECULES INVOLVED IN SYNAPTIC DIFFERENTIATION**: J. Changeux; G. Fischbach; U. Mc Mahan
 ♦Fri 4/3—**USE-DEPENDENT MODIFICATION OF SYNAPTIC FUNCTION**: D. Johnston; D. Sweatt—**ROLE OF THE EXTRACELLULAR MATRIX IN SYNAPTOGENESIS**: L. Reichardt; S. Hockfield; D. Hunter
 ♦Sat 4/4—**Departure**
 POSTER SESSIONS: 1(Sun) Mechanism and Regulation of Neurotransmitter Release; Function of Neurotransmitter Receptors; 2(Mon) Structure of Neurotransmitter Receptors; Termination of Neurotransmitter Activity; 3(Tue) Post-Translational Modifications of Synaptic Molecules; Synaptic Organization of Neurotransmitter Receptors and Ion Channels; 4(Wed) Use-Dependent Development of Synaptic Structure; Synaptic Regulation of Gene Expression; 5(Thur) Molecules Involved in Synaptic Differentiation; 6(Fri) Use-Dependent Modification of Synaptic Function; Role of the Extracellular Matrix in Synaptogenesis

MOLECULAR BIOLOGY OF HUMAN GENETIC DISEASE

Organizers: Maimon M. Cohen, Beverly S. Emanuel, David H. Ledbetter
 Organizers: Robert Fraley, Marc Van Montagu, James Peacock and Charles Arntzen
 April 3-10, 1992; Copper Mountain, Colorado
 Sponsored by: **Du Pont Merck Pharmaceutical Co.**
 Abstract Deadline: Dec. 4, 1991

♦Fri 4/3—**REGISTRATION—KEYNOTE ADDRESS** (joint): I. Weissman
 ♦Sat 4/4—**MUTATIONAL ANALYSIS**: S. Woo; R. Desnick; H. Kazazian; J. Gitschier; A. Beaudet—**CANCER GENETICS** (joint): T. Friedmann; E. Harlow; F. Rauscher; B. Seizinger; R. Weinberg; E. Solomon
 ♦Sun 4/5—**SEX DIFFERENTIATION HORMONE RECEPTORS**: D. Cox; D. Page; M. Hughes; R. Evans—**MICRODELETION SYNDROMES**: M. Cohen; B. Emanuel; D. Ledbetter; M. Lalonde; B. Horsthemke
 ♦Mon 4/6—**HOMOLOGOUS RECOMBINATION** (joint): I. Verma; M. Capecchi; R. Jaenisch; A. Berns—**POSITIONAL CLONING & MAJOR DISEASES-I** (joint): B. Emanuel; R. White; F. Collins; S. Reeders
 ♦Tue 4/7—**POSITIONAL CLONING & MAJOR DISEASES-II** (joint): D. Ledbetter; J. Herz; L. Shapiro; L. Tsui; R. Worton
 ♦Wed 4/8—**GENE TRANSFER/GENE THERAPY-I** (joint): A. Beaudet; W. Anderson; R. Mulligan; I. Verma; S. Woo—**GENE TRANSFER/GENE THERAPY-II** (joint): R. Mulligan; J. Wilson; R. Crystal; F. Gage; T. Caskey
 ♦Thur 4/9—**GENOMIC IMPRINTING**: L. Shapiro; B. Cattanech; D. Solter; V. Reich—**EYE DISORDERS**: R. Nussbaum; H. Ropers; S. Bhattacharya; P. Mc Innes
 ♦Fri 4/10—**Departure**
 POSTER SESSIONS: 1(Sat) Mutational Analysis; Cancer Genetics; 2(Sun) Sex Differentiation Hormone Receptors; Microdeletion Syndromes; 3(Mon) Homologous Recombination; 4(Tue) Positional Cloning & Major Diseases; 5(Wed) Gene Transfer/Gen Therapy; 6(Thur) Genomic Imprinting; Eye Disorders

GENE TRANSFER, REPLACEMENT AND AUGMENTATION

Organizers: Inder M. Verma, Fred H. Gage and Richard C. Mulligan
 April 3-9, 1992; Copper Mountain, Colorado
 Abstract Deadline: Dec. 4, 1991

♦Fri 4/3—**REGISTRATION—KEYNOTE ADDRESS** (joint): I. Weissman
 ♦Sat 4/4—**MODEL SYSTEMS**: R. Jaenisch; A. Fire; E. Kandel—**CANCER GENETICS** (joint): T. Friedmann; E. Harlow; F. Rauscher; B. Seizinger; R. Weinberg; E. Solomon
 ♦Sun 4/5—**TRANSPLANTS**: R. Storb; B. Naughton; J. Dick; F. Bloom—**DELIVERY VECTORS**: C. Caskey; D. Cox; A. Miller; E. Gilboa; J. Glorioso
 ♦Mon 4/6—**HOMOLOGOUS RECOMBINATION** (joint): I. Verma; M. Capecchi; A. Berns—**POSITIONAL CLONING & MAJOR DISEASES-I** (joint): B. Emanuel; R. White; F. Collins; S. Reeders
 ♦Tue 4/7—**POSITIONAL CLONING & MAJOR DISEASES-II** (joint): D. Ledbetter; J. Herz; L. Shapiro; L. Tsui; R. Worton
 ♦Wed 4/8—**GENE TRANSFER/GENE THERAPY-I** (joint): A. Beaudet; W. Anderson; R. Mulligan; I. Verma; S. Woo—**GENE TRANSFER/GENE THERAPY-II** (joint): R. Mulligan; J. Wilson; R. Crystal; F. Gage; T. Caskey
 ♦Thur 4/9—**Departure**
 POSTER SESSIONS: 1(Sat) Model Systems; Cancer Genetics; 2(Sun) Transplants; Delivery Vectors; 3(Mon) Homologous Recombination; 4(Tue) Positional Cloning & Major Diseases; 5(Wed) Gene Transfer/Gen Therapy

GROWTH AND DIFFERENTIATION FACTORS IN VERTEBRATE DEVELOPMENT

Organizers: Rik Derynck and Zena Werb
 April 3-10, 1992; Keystone, Colorado
 Abstract Deadline: Dec. 4, 1991

♦Fri 4/3—**REGISTRATION—KEYNOTE ADDRESS** (joint with Tissue Engineering meeting): M. Bissell
 ♦Sat 4/4—**GROWTH FACTORS AND GENE EXPRESSION-I**: H. Moses; G. Gill; L. Williams; S. Aaronson—**CELL-MATRIX INTERACTIONS IN DEVELOPMENT** (joint): R. Hynes; E. Ruoslahti; M. Bernfield; Z. Werb; L. Reichardt
 ♦Sun 4/5—**GROWTH FACTORS AND GENE EXPRESSION-II**: T. Pawson; C. Melton; A. Mc Mahon; G. Martin—**CELL-CELL INTERACTIONS**: M. T. Keichi; S. Artavanis-Tsakonas; R. Kemler; C. Kintner

♦Mon 4/6—**NEUROGENESIS**: P. Patterson; M. Raff; H. Thoenen; M. Bronner-Fraser—**INDUCTION PHENOMENA-I** (joint): M. Kirschner; J. Thiery; P. Sternberg
 ♦Tue 4/7—**INDUCTION PHENOMENA-II**: J. Smith; H. Blau; B. Hogan; B. Spiegelman; L. Gudas—**GROWTH FACTORS AND GENE EXPRESSION-III**: T. Kishimoto; D. Goeddel; B. Besmer; J. Pollard
 ♦Wed 4/8—**ANGIOGENESIS AND ENDOTHELIAL CELL BIOLOGY**: D. Rifkin; D. Hanahan
 ♦Thur 4/9—**GROWTH FACTORS AND GENE EXPRESSION-IV**: A. Reddi; R. Derynck; J. Wozney; H. Slavkin; K. Anderson—**WOUND HEALING AND TRANSFORMATION**: T. Deuel; P. Leder; A. Balmain; S. Schor
 ♦Fri 4/10—**Departure**
 POSTER SESSIONS: 1(Sat) Growth Factors and Gene Expression; Cell-Matrix Interactions in Development; 2(Sun) Cell-Cell Interactions; 3(Mon) Neurogenesis; 4(Tue) Induction Phenomena; 5(Wed) Angiogenesis and Endothelial Cell Biology; 6(Thur) Wound Healing and Transformation

TISSUE ENGINEERING

Organizer: Eugene Bell
 April 3-10, 1992; Keystone, Colorado
 Sponsored by: **Genentech, Inc. and The Director's Sponsor Fund**
 Abstract Deadline: Dec. 4, 1991

♦Fri 4/3—**REGISTRATION—KEYNOTE ADDRESS** (joint with Vertebrate Development meeting): M. Bissell
 ♦Sat 4/4—**ORGANIZATION OF CELLS INTO HIGHER ORDERED STRUCTURES IN VITRO**: E. Bell; M. Steinberg; R. Langer; J. Thompson—**CELL MATRIX INTERACTIONS IN DEVELOPMENT** (joint): R. Hynes; E. Ruoslahti; M. Bernfield; Z. Werb; L. Reichardt
 ♦Sun 4/5—**MATRIX MOLECULES AND THEIR LIGANDS**: K. Piez; H. Kleinman; R. Burgess; B. Olsen; R. Mecham; T. Wight—**HOW TO PROPAGATE HARD-TO-PROPAGATE CELLS**: G. Sato; R. Mc Kay; H. Coon; L. Reid
 ♦Mon 4/6—**CO-CULTURES AND OTHER IN VITRO SYSTEMS FOR PROMOTING DIFFERENTIATION AND TISSUE FORMATION**: J. Rheinwald; D. Atkins; D. Ingber; M. Yarmush; C. Damsky—**INDUCTION PHENOMENA-I** (joint): M. Kirschner; J. Thiery; P. Sternberg
 ♦Tue 4/7—**PHYSICAL FORCES AS REQUIREMENTS FOR GENE EXPRESSION, GROWTH, MORPHOGENESIS AND DIFFERENTIATION**: R. Skalak; Y. Fung; R. Nerem; A. Grodzinsky; J. Frangos; S. Izumo—**SELECTION AND DESIGN OF MOLECULES AND MARKED CELLS FOR TISSUE ENGINEERING**: I. Goldberg; J. Cappello; D. Urry; I. Lemischka; S. Lebert; C. Cepko
 ♦Wed 4/8—**APPROACHES TO ALLOGRAFTING ENGINEERED CELLS AND TISSUES**: M. Rosenberg; M. Getter; K. Lafferty
 ♦Thur 4/9—**STIMULATING TISSUE REMODELING IN VIVO: THE PLASTICITY OF THE ORGANISM**: G. Ilizarov; S. Badyalac; C. Weinberg; D. Rudman; G. Goldspink—**DESIGNS AND USE OF CELLULAR IMPLANTS FOR REPLACEMENT THERAPIES**: M. Bunge; P. Lacy; A. Caplan; A. Monaco; M. Lysaght
 ♦Fri 4/10—**Departure**
 POSTER SESSIONS: 1(Sat) Organization of Cells into Higher Ordered Structures in Vitro; Cell Matrix Interactions in Development; 2(Sun) Matrix Molecules and their Ligands; How to Propagate Hard to Propagate Cells; 3(Mon) Co-Cultures and Other in Vitro Systems for Promoting Differentiation and Tissue Formation; Induction Phenomena; 4(Tue) Physical Forces as Requirements for Gene Expression, Growth, Morphogenesis and Differentiation; Selection and Design of Molecules and Marked Cells for Tissue Engineering; 5(Wed) Approaches to Allografting Engineered Cells and Tissues; 6(Thur) Stimulating Tissue Remodeling in Vivo: The Plasticity of the Organism; Designs and Use of Cellular Implants for Replacement Therapies

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, R.W. Johnson Pharmaceutical Research Institute and SmithKline Beecham Pharmaceuticals**
 Abstract Deadline: Dec. 4, 1991

♦Fri 4/3—**REGISTRATION—KEYNOTE ADDRESS**
 ♦Sat 4/4—**INTEGRINS: EXPRESSION AND LIGAND BINDING**: C. Buck; D. Cheresch; M. Pierschbacher; K. Yamada
CELL MATRIX INTERACTIONS IN DEVELOPMENT (joint): R. Hynes; E. Ruoslahti; M. Bernfield; Z. Werb; L. Reichardt
 ♦Sun 4/5—**REGULATORY PATHWAYS INVOLVING INTEGRINS**: M. Schwartz; S. Shattil; E. Plow—**CYTOSKELETON-PLASMA MEMBRANE INTERACTIONS**: B. Geiger; J. Jones; A. Horwitz
 ♦Mon 4/6—**CANCER AND METASTASIS**: A. Vaheri; R. Kramer; M. Shuman
INDUCTION PHENOMENA-I (joint): M. Kirschner; J. Thiery; P. Sternberg
 ♦Tue 4/7—**THROMBOSIS, PLATELETS AND ENDOTHELIUM**: M. Ginsberg; D. Phillips; E. Dejana—**INFLAMMATION AND IMMUNITY**: T. Springer; M. Hemler; J. Harlan; I. Weissman
 ♦Wed 4/8—**DIFFERENTIATION AND DEVELOPMENT**: M. Bissell; M. Wilcox; L. Fessler; C. Damsky; R. Chiquet-Ehrismann
 ♦Thur 4/9—**EPITHELIAL PHENOTYPE AND DIFFERENTIATION**: W. Carter; F. Watt
 ♦Fri 4/10—**Departure**

POSTER SESSIONS: 1(Sat) Integrins: Expression and Ligand Binding; Cell Matrix Interactions in Development; 2(Sun) Regulatory Pathways Involving Integrins; Cytoskeleton-Plasma Membrane Interactions; 3(Mon) Cancer and Metastasis; Induction Phenomena; 4(Tue) Thrombosis, Platelets and Endothelium; Inflammation and Immunity; 5(Wed) Differentiation and Development; 6(Thur) Epithelial Phenotype and Differentiation

CROP IMPROVEMENT VIA BIOTECHNOLOGY: AN INTERNATIONAL PERSPECTIVE

Organizers: Robert Fraley, Marc Van Montagu, James Peacock and Charles Arntzen
 April 10-16, 1992; Keystone, Colorado
 Abstract Deadline: Dec. 4, 1991

♦Fri 4/10—**REGISTRATION—KEYNOTE ADDRESS**: E. Jaworski; T. Medley
 ♦Sat 4/11—**NEW DEVELOPMENTS IN GENE TRANSFER TECHNOLOGY**: J. Peacock; M. Fromm; C. Harms; K. Kartha—**NEW DEVELOPMENTS IN GENE EXPRESSION TECHNOLOGY**: R. Fraley; J. Peacock; N. Chua; M. Bevan
 ♦Sun 4/12—**PROGRESS ON IDENTIFYING NEW MULTI-GENIC TRAITS FOR CROP IMPROVEMENT**: C. Arntzen; T. Helentjaris; A. Paterson—**GENES AND GENE EXPRESSION FOR NEW TRAITS—PEST CONTROL**: R. Fraley; J. Ryals; P. Kolattukudy; D. Fischhoff; L. Fishert
 ♦Mon 4/13—**GENES AND GENE EXPRESSION FOR NEW TRAITS—FOOD QUALITY-I**: R. Fraley; G. Kishore; L. Willmitzer; J. Maryanski—**TECHNOLOGY TRANSFER TO DEVELOPING COUNTRIES**: C. Arntzen; C. James; L. Herrera-Estrella; R. Beachy
 ♦Tue 4/14—**GENES AND GENE EXPRESSION FOR NEW TRAITS—FOOD QUALITY-II**: J. Peacock; V. Knauf; J. Pierce; D. Grierson—**PROMISING NEW RESEARCH AREAS-I**: M. Van Montagu; B. Larkins; D. Ow; C. Somerville
 ♦Wed 4/15—**GENES AND GENE EXPRESSION FOR NEW TRAITS—YIELD IMPROVEMENT**: M. Van Montagu; J. Leemans; M. Thomashow; J. Mullet; G. Barry—**PROMISING NEW RESEARCH AREAS-II**: J. Peacock; M. Van Montagu; H. Goodman; R. Goldberg
 ♦Thur 4/16—**Departure**
 POSTER SESSIONS: 1(Sat) Advances in Gene Transfer and Expression; 2(Sun) Advances in Gene Mapping and Pest Control; 3(Mon) Enhancing the Nutritional and Processing Characteristics of Food Crops; 4(Wed) Interesting New Genes and Research Areas

* = Session Chairperson/Convener

† = Invited, not yet confirmed

Applications will be accepted at any time for meetings which are not oversubscribed; however, abstracts received after the deadline may not appear in the abstract volume, and accommodation choices may be limited.

For application forms or additional information, please contact:

FOR REGULAR MAIL
 Department L
 KEYSTONE SYMPOSIA
 Drawer 1630
 Silverthorne, CO 80498
 USA

FOR UPS & OVERNIGHT DELIVERIES
 KEYSTONE SYMPOSIA
 Department L
 Summit Place Shopping Center, Unit 272
 Silverthorne, CO 80498
 USA

Telephone: (303) 262-1230
 Telefax: (303) 262-1525