GENERAL MOTORS CANCER RESEARCH FOUNDATION
ANNUAL SCIENTIFIC CONFERENCE

GENETIC INSTABILITY AND CANCER
June 8-9, 1999
Jack Masur Auditorium
Clinical Center
National Institutes of Health
Bethesda, Maryland

June 8

Keynote Address and Conference Overview
Bert Vogelstein, M.D.

Session 1: Cell Cycle Checkpoints
Moderator: Phillip A. Sharp, Ph.D.
Proteolysis Control and Mitotic Checkpoints
Marc W. Kirschner, Ph.D.
Regulation of the Eukaryotic Cell Cycle:
Mitotic and G2 Checkpoint-Control
Helen W. Piwnica-Worms, Ph.D.
The ARF-p53 Pathway
Charles J. Sherr, M.D., Ph.D.
The DNA Damage Checkpoint
Lee Hartwell, Ph.D.

Session 2: Genetic Instability in Tumors
Moderator: Bruce A.J. Ponder, Ph.D.
The Loss of Genomic Integrity in Preneoplastic Cells
Thea D. Tlsty, Ph.D.
Genetic Control of Genome Instability
Richard D. Kolodner, Ph.D.
Role of Rb and E2F M Chemosensitivity of Tumors
Joseph R. Bertino, M.D.
The Microsatellite Mutator Phenotype Pathway for
Colon Cancer
Manuel Perucho, Ph.D.

June 9

Session 3-B: Epigenetic Changes in Tumors
Moderator: Raymond L. White, Ph.D.
Functional Studies on Proteins that Bind to
Methylated DNA
Adrian P. Bird, Ph.D.
DNA Methylation Changes in Human Cancers
Peter A. Jones, Ph.D., D.Sc.

Session 4: Telomerase and Genetic Instability
Moderator: Edward E. Harlow, Jr., Ph.D.
Telomerase and Tumorigenesis
Ronald A. DePinho, M.D.
Telomerase and Cell Transformation
Robert A. Weinberg, M.D.
Signaling to and Regulation of p53 and p53
Family Members
Carol L. Prives, Ph.D.

For further information contact:
General Motors Cancer Research Foundation
c/o Campbell, Peachey & Associates
111 Quincy Place, N.E.
Washington, D.C. 20002
Telephone: (202) 636-8745
Fax: (202) 636-8755
E-mail: cpassoc@erols.com