

8th International Conference
**"Gene and Drug Therapy in Molecular
Medicine"**

**Organized by the International Society of Gene Therapy and
Molecular Biology (gtmb.org)**

**And the International Society of Cancer Therapy (Cancer-
Therapy.org)**

September 3-10, 2005

Creta Maris Hotel (Five star, DeLux)

Crete island, Greece

Web site for Conferences: www.gtmb.org

Full research and review article presentations will be published, before or after the
conference in Gene Ther Mol Biol Vol 9 (2005) www.gtmb.org (Free On Line)

Cancer Therapy Vol 3 (2005) www.cancer-therapy.org (Free On Line)

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Estuardo Aguilar, Ph.D., Deputy Director, Gene Therapy Program, Harvard Medical School, Boston, MA

Vicki Brower, Medical writer Nature Biotech and Genetic Engineering News, New York, NY

Genetic Engineering News will publish an article by Vicki Brower on the 2005 Conference (as in 2000 and 2001). This gives a broad exposure to our speakers.

HOTEL ADDRESS

Creta Maris

Hersonissos Crete, Greece

Sessions and Speakers (Confirmed speakers are in red)

Opening Lecture: **Patrick Aebischer, M.D.**, President, Swiss Federal Institute of Technology Lausanne (EPFL/ETHL): **Lentiviral vectors for the treatment of neurological diseases**

Keynote Speakers

Kenneth Lundstrom, Ph.D., Chief Scientific Officer, Regulon, Inc., Basel: **SFV Vectors**

Doros Platika, M.D. President and CEO, Ontogeny, Inc. / Curis, Inc, Cambridge, MA: **Developmental Biology, Genomics and Stem Cells in Regenerative Medicine**

Estuardo Aguilar, Ph.D., Deputy Director, Gene Therapy, Harvard: **Prodrug gene therapy**
Szyf, Moshe, McGill University, Montreal, Canada: **"The reversible epigenome and its role in cancer"**

Wolfgang Deppert, Director, Heinrich-Pette-Institut, Abt. Tumorstudiologie, Hamburg, Germany: **p53**

David Fink, M.D., Professor, University of Pittsburgh: **HSV vectors**

Invited Keynote Speakers

Arthur Bollon, Chairman of the Board and CEO Cytoclonal Pharmaceuticals, Inc. Dallas: **Therapeutic Genomics**

Blau, Helen, Ph.D., Professor and chair, Department of Molecular Pharmacology, Stanford University School of Medicine, Stanford, CA

Chang, Stephen, Chief Scientific Officer, Canji Inc., San Diego, CA: **"p53 gene therapy"**

Crooke, Stanley M.D., Ph.D., Chairman of the Board, Chief Executive Officer, ISIS Pharmaceuticals, Carlsbad Research Center, Carlsbad, CA: **Antisense technology: end of beginning**

Evans, Chris, Professor, University of Pittsburgh, School of Medicine, Pittsburgh, PA: **"Development of gene therapy for arthritis: preclinical and clinical studies"**

French Anderson

Glorioso, Joseph, Ph.D., Professor and Chairman, Department of Molecular Genetics & Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA: **HSV Vectors**

Kay, Mark, Ph.D., Associate Professor of Pediatrics and Genetics, Stanford University: **"Hepatic gene therapy for genetic and acquired diseases"**

Robbins Paul D. Ph.D., Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA: **Vector mediated transfer of genes encoding apoptotic proteins as a treatment for arthritis and cancer. 20 min**

Low, Philip: **Folate-Mediated Delivery of Therapeutic and Imaging Agents to Cancer Tissue *In Vivo*.**

Muzyczka, Nicholas, Ph.D., Professor, Department of Molecular Genetics & Microbiology, Director, Gene Therapy Center, University of Florida, Gainesville, FL: "AAV-based gene therapy in the CNS"
R. Michael Blaese, M.D. President, Chief, Kimeragen, Pharmaceutical Division, 300 Pheasant Road, Newtown, PA 18940

Samulski, Jude, Ph.D., Director of the Gene Therapy Center, The University of North Carolina, Chapel Hill, NC:

Tom Okarma, CEO / Jane Lebkowski, Ph.D., Senior Director of Cell and Gene Therapy, GERON Corporation, Menlo Park CA: Stem cells

Ullrich, Axel, Ph.D. Director, Max-Planck-Institut für Biochemie, Department of Molecular Biology, München, Germany: "Phosphotyrosine-mediated signals in life and disease"

PROGRAM

Welcome remarks

Boulikas, Teni, Ph.D., Regulon, California & Athens: Liposomally-encapsulated platinum drugs in cancer treatment

OPENING LECTURE

Patrick Aebischer, M.D., President, Swiss Federal Institute of Technology Lausanne (EPFL/ETHL): Lentiviral vectors for the treatment of neurological diseases

Nonviral Gene & Drug Delivery

PLENARY LECTURE

Low, Philip: Folate-Mediated Delivery of Therapeutic and Imaging Agents to Cancer Tissue *In Vivo*.

Papahadjopoulos-Sternberg, Brigitte: "Optimization of cationic liposome-DNA complexes in vivo

Storm, Gert, Ph.D, Utrecht, The Netherlands: "Polymers in gene transfer

Gurevich, Vladimir, Ph.D. President of the Fugent L.L.C. Madison, WI: Transfection of cell cultures

Viral Gene Delivery

PLENARY LECTURE

Lundström, Kenneth, Ph.D., Section Head, F. Hoffmann-La Roche, Basel: Semliki Forest virus (alphavirus) vectors

Whitt, Michael A., Ph.D. Director of Viral Cytolytics, GTx, Inc., Development of Recombinant Vesicular Stomatitis Virus as a Novel Targeting Gene Delivery System

Clinical Trials Using Gene & Drug Therapy

PLENARY LECTURE

Aguilar, Estuardo, Ph.D., Deputy Director, Gene Therapy, Harvard, Boston, MA: (Prodrug gene therapy)

Burt, Richard, M.D., Director, Allogeneic Bone Marrow Transplantation, Chicago: Adoptive immunotherapy using HSV-tk

Buller, Richard, M.D., Ph.D. Professor and Director Gynecological Oncology, University of Iowa: Clinical trials on ovarian cancer using p53

Steiner, Mitchell S. M.D. Chairman and Professor of Urology, University of Tennessee and CEO and Chairman of Genotherapeutics: Prostate cancer gene therapy

Lopez-Berestein, Gabriel M.D., Professor of Medicine, Section Chief, MD Anderson Cancer Center: Molecular remissions in newly diagnosed patients with APL

Rainov, Nikolai M.D., (Clinical trials on gene therapy of brain tumors) 20 min

Strategies for Gene Therapy of Cancer. Anticancer genes

Clark, John, Ph.D., Roslin Institute, UK (Gene Directed Enzyme Prodrug Therapy in the mammary gland and in the CNS)

Karlsson, Anna M.D., Ph.D., Karolinska Institute,; deoxyribonucleoside kinase in combined gene/chemotherapy of cancer.