

CURRICULUM VITAE

NAME: Antonino (Tony) Milici, M.D., Ph.D.

CITIZENSHIP: USA

PRESENT TITLE
AND AFFILIATION: Chairman of the Board, President & CEO
GeneThera, Inc.
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EDUCATION:

1983 Ph.D. (Experimental Hematology)
University of Rome/Stanford University California
Rome, Italy/Stanford, California

1979 M.D. (Medicine and Surgery)
University of Rome
Rome, Italy

1973 B.S. (Classic Literature/Art/Philosophy/Science)
Classic Lyceum
Rome, Italy

SPECIALTY: Molecular Biology/Biotechnology/Molecular
Medicine/Gene Therapy/Molecular
Oncology/Molecular Diagnostics

POSTGRADUATE TRAINING:

1984-1987 Fellow, Department of Clinical Immunology
University of Texas M.D. Anderson Cancer Center
Houston, Texas 77030

1983-1984 Postdoctoral Fellow, NCI Training Program

Science Park Research Division
University of Texas M.D. Anderson Cancer Center
Smithville, Texas 78957

- 1982-1983 Postdoctoral Fellow
Cancer Biology Research Laboratory
E. Naumann Research Foundation
Stanford University
Stanford Medical Center
Stanford, California
- 1981-1982 Medical Staff Supervisor
Euromedica Medical Center
Rome, Italy
- 1981 Visiting Fellow
Laboratory of Cellular Immunology
And Biochemistry
University of Rome
Rome, Italy
- 1976-1979 Medical Student and Research Assistant
"In Vitro Cultures and Characterization of Human
Leukemic Cells" Program
Laboratory of Tissue Culture
Department of Hematology
University of Rome
Rome, Italy

ACADEMIC AND PROFESSIONAL APPOINTMENTS
(Including Visiting Professorships and Consultantships):

- March 1997-August 1998 President & CEO
Genetrans, Inc.
3145 Washington Rd.
Augusta, Georgia 30907
- July 1995-February 1997 President & CEO
Genetrans, Inc.
Laboratory Director, Genetrans Diagnostics
St. Joseph Hospital
2260 Wrightsboro Rd.
Augusta, Georgia 30904
- June 1991-October 1995 Assistant Professor
Alzheimer's Research Center
Department of Pharmacology & Toxicology

Medical College of Georgia
Augusta, Georgia 30912-2300

May 1990-May 1991 Assistant Biochemist
Department of Molecular Pathology
University of Texas M.D. Anderson Cancer Center
Houston, Texas 77030

1987-1990 Research Associate
Section of Experimental Pathology
Department of Molecular Pathology
University of Texas M.D. Anderson Cancer Center
Houston, Texas 77030

ADMINISTRATIVE RESPONSIBILITIES:

Head, Laboratory of Gene Therapy
& Molecular Medicine
Alzheimer's Research Center
Department of Pharmacology
Medical College of Georgia
Augusta, Georgia 30912

Director, Advance Molecular Pharmacology Course
Ph.D. Program Department of Pharmacology
Medical College of Georgia
Augusta, Georgia 30912

Biomedical Consultant
Eurogene S.R.L. Laboratories
Rome, Italy

LOCAL, STATE, NATIONAL, INTERNATIONAL COMMITTEES:

1991-1992 Transgenic Mice Committee
Medical College of Georgia
Augusta, Georgia

HONORS AND AWARDS:

1980 Hematology, University of Rome
Achievement and Research

1980 Hematology, University of Bologna
Meritorious Performance

1979 Hematology, Catholic University of Rome
Research Award

1979 Experimental Pathology, University of Rome
Achievement and Research

SOCIETY MEMBERSHIP:

Italian Society of Experimental Hematology
American Association Advancement of Science

BOARD CERTIFICATION:

European Community (EC) Board Certified, Medicine

GRANT SUPPORT:

Principal Investigator
Alzheimer's β -Amyloid A₄ Precursor Gene:
In Vivo DNA/Protein Interaction and Spec.
Methylation
Signals, Alzheimer's Association, 7/1/91-7/1/94

Principal Investigator
"Genomic Sequencing Analysis of c-RAS Gene"
NIH/BRCC, 10/31/87 - 10/31/88 Principal
Investigator
"Methylation Analysis of the c-H-RAS Promoter
Region" Ellwood Foundation, 8/31/89 - 8/31/90

PUBLICATIONS

1. Milici A: Acute lymphoid leukemia at the beginning; growth behavior in culture. *Hematologica*, 7:10, 1979.
2. Milici A: Growth of CFU-c in a semi solid culture medium. *Hematologica*, 8:15, 1980.
3. Milici A: Production of monoclonal antibodies by EBV infection of primary peripheral blood lymphocytes. *Arch Univ of Rome*, 11:20, 1983.
4. Milici A, Malinowski J: A new method to sequence synthetic oligonucleotides. *Biotechniques*, 5:7, 1984.
5. Milici A, Blick M, Murphy E, Gutterman J: Analysis of c-K-ras in lung cancer reveals no A-C, A-G point mutation at position 61. *J of Cell Biochem*, 10c:155, 1986.
6. Milici A, Blick M, Murphy E, Gutterman J: GGT GCT point mutation at position 12 of c-K-ras an infrequent event in human cancer. *Biochem Biophys Res Comm* 140; No.2:669-705, 1986.

7. Milici A, Blick M, Murphy E: RFLP analysis of c-ras point mutation in lung cancer. *J Cell Biochem*, Vol. 10, 1987.
8. Maria BL, Steck PA, Yung A, Milici A, Becker FF: Medullablastoma: The modulation of astrocytic differentiation in short-term culture. *J Neuro-Oncology*, 7:329, 1989.
9. Saluz HP, Wolf S, Milici A, Jost JP: Studying DNA methylation and protein-DNA interaction sites in vivo. *Nucleic Acid Methylation*, Vol. 129:299-311, 1990.
10. Milici A, Salbaum JM, Beyreuther K: Study of the Alzheimer's A4 precursor gene promoter region by genomic sequencing with TAP polymerase. *Biochem Biophys Res Comm*, Vol. 169, No.1:46-50, 1990.
11. Milici A, Salbaum JM, Beyreuther K: Methylation study of the Alzheimer's A4 precursor gene promoter region. *Clinical Digest Series*, Vol 1 12-14. 1991
12. Papapetropulos A, Marcizin N, Snead Mary D, Cheng C, Milici A, Catravas JD: Smooth muscle cell responsiveness to nitro vasodilators in hypertensive and normotensive rats. *Hypertension* Vol 23, 4, 1994
13. Wey J, Milici A, Buccafusco J J: Quantitative analysis of muscarine receptor in different areas of rat brain using RT-PCR. *J. of Neurochemistry* Vol 63, 3,1994
14. Papapetropulos A, Marcizin N, Mora G, Milici A, Murad F, Catravas D J: Regulation of vascular smooth muscle soluble guanylate cyclase activity, message and protein level by cAMP-elevating agents. *Hypertension* 5, 1994
15. Wey J, Milici A, Buccafusco JJ: Alteration of expression of the genes encoding specific muscarinic receptor subtypes in the hypothalamus of spontaneous hypertensive rats. *Circulation Research* Vol.12 53,50 1994
16. Patti KU, Milici A: Use of a new buffer system to improve PCR yield. *PCR Methods and Applications* 1994
17. Milici A, Caracciolo di Sarno G: Analysis of c-ras oncogene as tumor marker in the diagnosis of colon cancer. *La Medicina Contemporanea* Vol 4, 33,1994
18. Milici A, Caracciolo di Sarno G: Study of somatic alterations of c-K-ras and c-H-ras in abdominal cancers. *L'Uomo e la Medicina* Vol.3,57,1994
19. Milici A, Ristori C, Giacinti F, Patti KU: Analysis of ras and P53 point mutations in colon and breast cancer by SSCP-PCR. *L'Uomo e la Medicina* Vol 5, 31, 1995

20. Prendergast MA, Milici A, Wei J, Gattu M, Buccafusco J J: Estimation of vesicular acetylcholine transporter mRNA in selected brain regions by Rt-PCR and HPLC Brain Research 1995

ABSTRACTS

1. Milici A, Blick M, Gutterman J: c-K-ras point mutation in lung cancer: RNA tumor viruses. Cold Spring Harbot 263; 1985.
2. Lee J, Blick M, Milici A, Gutterman J: Over expression of epidermal growth factor receptor (EGFR) gene without gene amplification in uncultured nonsmall cell lung cancer (NSCLC). Second International Workshop on Chromosome in Solid Tumors; 1987.
3. Lee J, Blick M, Milici A, Gutterman J: Enhanced expression of EGFR gene without gene amplification or rearrangement in uncultured nonsmall cell lung cancer (S+NSLC). Proc Amer Assoc Cancer Research; 1987.
4. Milici A, Lapeyre JN, Becker FF: Methylation map of the 5' flanking region of c-H-ras gene. UCLA Symposium on DNA Methylation; 1989.
5. Milici A, Lapeyre JN, Becker FF: Analysis of H-ras promoter region by PCR and genomic sequencing. UCLA Symposium on Negative Growth Regulation; 1990.
6. Papapetropulos A, Marczin N, Mora G, Milici A, Murad F, Catravas JD: Regulation of Soluble Guanylate Cyclase(sGC) Activity, mRNA and protein Levels by cAMP-Elevating Agents. Experimental Biology ;1995
7. Prendergast M.A., Milici A, Zhang L, Wei J, Sickles D.W. and Buccafusco JJ: Estimation of vesicular acetylcholine transporter mRNA by RT-PCR and HPLC Society for Neuroscience; 1995

INVITED LECTURES

1. Milici A: Detection of point mutations in thalassemia and hemoglobinopathies: A new methodological approach. First Sicilian International Symposium on Talassemia, Hemoglobinopathies and Hemophilia, 1989.
2. Milici A, Saluz HP, Wolf S, Jost JP: Workshop on Genomic Sequencing UCLA Symposium on DNA Methylation, April 1989.
3. Milici A: Analysis of the Alzheimer's A4 precursor gene promoter region by SSCP- PCR . Symposium on Alzheimer's Disease. Rome 1995

PRESENTATIONS

1. UCLA Symposium on DNA Methylation, 1989
2. UCLA Symposium on Negative Growth Regulation, 1990
3. UCLA Symposium on Carcinogenesis, 1990
4. EMBO Course on Genomic Sequencing
Genomic Footprinting, TaqI Sequencing
Basel, Switzerland 1989