CURRICULUM VITAE

Name: Curtis C. Harris, M.D.

Citizenship: United States of America

Education:

1965	B.A., University of Kansas
1969	M.D., University of Kansas School of Medicine
1970	Intern Certificate, Internal Medicine, U.C.L.A. Hospital, Los Angeles, CA
1976	Resident Certificate, Internal Medicine, V. A. Hospital, Washington, DC

Brief Chronology of Employment and Training:

1964 - 1965	Undergraduate Teaching and Research Assistant, Department of Zoology, University of Kansas
1969 - 1970	Intern, Department of Medicine, U.C.L.A. Hospital, Los Angeles, CA
1970 - 1972	Research Associate, Lung Cancer Unit, OASDC, DCCP, NCI, NIH, Bethesda, MD
1972 - 1975	Head, Ultrastructure Unit, Pathogenesis Section, Lung Cancer Branch, DCCP, NCI, NIH, Bethesda, MD
1973 - 1976	Resident and Trainee in Clinical Oncology, NCI-VA Oncology Branch, Department of Medicine, VA Hospital, Washington, DC (4 months/year)
1975 - 1981	Head, Human Tissue Studies Section, Laboratory of Experimental Pathology, DCCP, NCI, NIH, Bethesda, MD
1979 - 1981	Associate Chief, Laboratory of Experimental Pathology, NCI, NIH, Bethesda, MD
1981 - Pres.	Chief, Laboratory of Human Carcinogenesis, CCR, NCI, NIH and Head, Molecular Genetics and Carcinogenesis Section, Laboratory of Human Carcinogenesis, CCR, NCI, NIH, Bethesda, MD

Academic Appointments:

Clinical Professor of Medicine (Hematology-Oncology), Department of Medicine, Georgetown University School of Medicine, Washington, DC, 1989-1999, 2007-Pres.

Military Service: USPHS: July 1970-2000
Rank: Medical Director (Captain), 0-6

Medical Certification and License:

1970	Diplomate, National Board of Medical Examiners
1971	Medical License, District of Columbia
1975	Medical License, California

1976 Diplomate, American Board of Internal Medicine

Societies:

American Association for Cancer Research
American Association for the Advancement of Science
American Society for Clinical Investigation
International Society for Gastroenterological Carcinogenesis
International Association for the Study of Lung Cancer
International Liver Cancer Association

Editor-in-Chief:

Carcinogenesis, 1984 -

Associate Editor:

Cancer Research, 1981 - 2007
Experimental Pathology, 1982 - 1991
Cell Biology and Toxicology, 1983 - 1992
Cancer Epidemiology, Prevention and Biomarkers, 1991 - 2001
American Journal of Respiratory Cell and Molecular Biology, 1992 - 1998, 2000-2003
Clinical Cancer Research, 1996 - 2004
Cancer Science, 2004-2009
Cancer Prevention Research, 2008-

Editorial Boards:

Carcinogenesis, 1979 - 1984
ILSI Monographs on Pathology of Laboratory Animals, 1981 - 1991
Japanese Journal of Clinical Oncology, 1992 -
Journal of Cellular Biochemistry, 1982 -
Journal of Cell Biochemistry and Function, 1982 - 1991
Chemico-Biological Interactions, 1983 - 1992
Lung Cancer, 1985 - 1995
Cancer Science (Japanese Journal for Cancer), 1986 -
Molecular and Cellular Probes, 1986 - 1991
Toxicologic Pathology, 1988 - 1996
International Journal of Cancer 1991 - 2004
International Journal of Oncology 1992 - 2001
Tumori, 1992 - 2004
Predictive Oncology, 1995 - 2001
Environmental Health Perspectives, 1997 - 2004
Journal of the National Cancer Institute, 1998 - 2007
Women and Cancer, 1998 -
Gene Expression, 2000 - 2006

Hepatology, 2001 - 2004
Journal of the Nippon Medical School, 2002 -
Journal of Molecular Medicine, 2004 -

Scientific and Organizational Responsibilities:

Advisory Activities

Member, Ad Hoc Scientific Advisory Group on In Vitro Carcinogenesis, DCCP, NCI, 1974-1975
Member, Clinical Advisory Group to Viral Oncology, DCE, NCI, 1976-1977
Reviewer and Advisor, Thesis Advisory Committee, Department of Pathology, University of Maryland School of Medicine, 1977-1999
Expert Witness, Hearings concerning OSHA Regulations entitled "Identification, Classification and Regulation of Toxic Substances Posing a Potential Occupational Carcinogenic Risk", June 1978
Reviewer, Biomedical Division, Lawrence Livermore Laboratory, University of California, 1980
Consultant, Committee on Human Risk Assessment, Office of the Commissioner, Food and Drug Administration, 1980
Member, International Advisory Committee for the Danish Cancer Society, 1984-1990
Member, Research Committee, Health Effects Institute, 1984-1991
Member, External Advisory Committee, Institute of Environmental Medicine, New York University, 1985-1992
Member, Technical Review Committee, USPHS Surgeon General Report on Harmful Effects of Smokeless Tobacco, 1985-86
Founder and Member, Board of Directors, Aspen Cancer Conference (not for profit), 1985-
Member, External Advisory Committee, School of Public Health, Johns Hopkins University, 1986-1990
Member, External Advisory Committee, Institute of Environmental Health, Oregon State University, 1986-1988
Member, Scientific Advisory Board, American Health Foundation, 1986-1998
Member, General Motors Mott Award Selection Committee, 1986
Overseer, Colby College, Waterville, Maine, 1988-1995
Member, Scientific Advisory Panel, Chemical Industry Institute of Technology, 1988
Member, Whitaker College Visiting Committee, M.I.T., 1988-1994
Chairman, Scientific Advisory Panel, Chemical Industry Institute of Technology, 1989-1994
Member, Scientific Council of the Radiation Effects Research Foundation, N.A.S. 1989-1997
Member, Scientific Advisory Council, International Agency for Research on Cancer, W.H.O., Lyon, 1989-1994
Chairman, Scientific Advisory Board, Dana Institute, American Health Foundation, 1989-1998
Chairman, Scientific Advisory Board and Secretary, Keystone Executive Committee, Keystone Symposia on Molecular and Cellular Biology (not for profit), 1990-2006
Member, Visiting Committee for the Brookhaven National Laboratory, N.A.S., Biology Department, 1990-1994

Member, Board of Directors, Intl. Society of Differentiation, 1990-1996
Chairman, Program Committee, AACR Annual Meeting, 1991
Committee Member, Risk Assessment of Hazardous Air Pollutants, National Research Council, Washington, DC, 1991-1993
Member, Advisory Committee for the Biology and Biotechnology Research Program, Lawrence Livermore National Laboratory, 1995-1997
Member, Board of Directors, American Association of Cancer Research, 1992-1995
Advisor, Howard Hughes Medical Institute Scholars Program, NIH, 1993-1995
Member, NIH Fogarty Scholars-in-Residence Advisory Panel, 1994-1996
Member, Division of Cancer Epidemiology and Genetics Promotions and Tenure Panel, 1995-1999
Member, Board of Directors, International Society of Gastroenterological Carcinogenesis, 1996-
Member, AACR Special Conference Committee, 1996-1999
Member, U.S.-Japan Promotion of Research Progress, NCI Steering Committee, 1997-1999
Member, AACR Public Relations Committee, 1997-2000
Member, AACR G. B. Elion Cancer Research Award Committee, 2000-2001
Member, AACR Education Committee, 2000-2002
Member, Tenure-Track Review Panel, Cancer Prevention Studies Branch, NCI, 2001
Co-Chair, Biology, Lung Cancer, NCI Program Review Group, 2001
Member, Tenure-Track Review Panel, Biostatistics Branch, NCI, 2001
Member, AACR Special Conference Committee, 2001-2006
Member, NCI Core Genotyping Oversight Committee, 2001-
Chair and Member, AACR Nomination Committee, 2003-2005
Consultant (non-paid), Radiation Effects Research Foundation, Hiroshima, Japan 2004-
Member, AACR Grants Committee, 2004-2005
Member, AACR Program Committee, Annual Meeting, 2005 and 2007
Contributing Author, The Health Consequences of Smoking: A Report of the Surgeon General, 2004
Member, Advisory Board, Center for Cancer Research, NCI, 2005-2007
Member, NCI 2015 Strategy Development Team, 2005
Member, AACR, Centennial Committee, 2006-
Member, Nominating Committee, AACR-Princess Takamatsu Lectureship, 2007
Chairman, Board of Directors, Aspen Cancer Conference (not for profit), 2007-
Chairman, Board of Directors, Keystone Symposia on Molecular and Cellular Biology (not for profit), 2007-2010
Member, Steering Committee, Center of Excellence in Integrative Cancer Biology and Genomics, 2008-

Honors and Other Special Scientific Recognition:

NSF Research Participation Awardee and Gifted Student Program, University of Kansas, 1963-1965
USPHS Research Fellowship, University of Kansas Medical Center, 1966-1969
George Bailey Award, University of Kansas, School of Medicine, 1967
Commendation Medal, USPHS Honor Award, 1979

Medical Alumni Scholar and Lecturer, first to be awarded, University of Kansas School of Medicine, 1982
NCI Equal Employment Opportunity Special Recognition Award, 1983
Fellow, American Society of Clinical Investigation, 1984
Meritorious Service Award, USPHS, 1986
G. Scott Award, Toxicology Forum, 1991
Keynote Address, Princess Takamatsu Symposium, 1991
George Peabody Award, Southwestern University School of Medicine, 1993
Alton Ochsner Award Relating Smoking and Health, Alton Ochsner Medical Foundation and American College of Chest Physicians, 1993
Keynote Address, Beatson International Cancer Conference, 1993
Keynote Address, Japanese Research Society for Gastrointestinal Cancers, 1993
William A. Gardner Award and Lecturer, Yale University, 1994
Keynote Address, Barton Creek Cancer Conference, University of Texas, 1994
Keynote Address, Annual Meeting, Chinese Oncology Society, 1994
Maud L. Menten Award and Lecturer, University of Pittsburg School of Medicine, 1995
Walter Hubert Award and Lecturer, British Association for Cancer Research, Nottingham, 1995
Don Coffey Award and Lecturer, Society for Basic Urological Research, Las Vegas, 1995
CIIT Founders Award, Durham, 1995
Deichmann Award and Keynote Lecture: VII International Congress of Toxicology, Seattle, 1995
Keynote Address, 5th International Inhalation Symposium, Hannover, 1995
Keynote Address, Japanese Lung Cancer Society, 1995
International Keynote Lecturer, Japanese Surgical Society Annual Meeting, Chiba, 1996
Lewis M. Schiffer Memorial Award and Lecturer, Cell Proliferation Society, Toledo, 1996
Bob Champion Award and Lecturer, British Oncological Association, 1996
Keynote Address, AACR-IARC Conference, Molecular Epidemiology, Budapest, 1996
William Stenberg Memorial Lecture, Tulane, 1997
Elizabeth and James Miller Distinguished Lecturer, Rutgers University, New Jersey, 1997
Keynote Address, Genes and Environment in Cancer, Dr. Mildred Stiftung FDN, Bonn, 1997
Robert Greenfield Memorial Lecturer, University of Nebraska, 1998
Federal Technology Transfer Award, 1998-2006
Distinguished Lectureship, Japanese Foundation for Cancer Research, Tokyo, 1998
Identified as one of the 50 most cited scientists in biomedical research in the 1990s (ISI *Science Watch*, March, 1998)
Keynote Address, Latin-American Meeting, Environmental Mutagenesis, Carcinogenesis and Teratogenesis, Curitiba, 1998
Distinguished Lecturer, Cancer Institute of New Jersey, Rutgers University, 1999
Robert F. E. Stier Memorial Lecturer, Washington State University, 1999
Keynote Address, 2nd International Congress on Gastroenterological Carcinogenesis, Ulm, 1999
Charles Heidelberger Award, International Society on Gastroenterological Carcinogenesis, Ulm, 1999
Distinguished Service Medal, highest award of the U.S.Public Health Service, 1999
Gerald N. Wogan Lecturer, Massachusettes Institute of Technology, 2000
Keynote Address, Molecular Epidemiology of Human Cancer Conference, International Agency for Research on Cancer, Lyon, 2000

Distinguished Alumni Lecturer, University of Kansas, Lawrence, 2001
Honorary Member, Japanese Cancer Association, Tokyo, 2001
Special Lecturer, Japanese Cancer Association, Annual Meeting, Tokyo, 2002
Award of Merit, Princess Takamatsu Cancer Research Fund, Japan, 2002
Keynote Address, Lovelace Symposium, Santa Fe, 2002
Fellow, AAAS, 2003
Senior Fellow and Lecturer, Japanese Cancer Research Foundation, 2003
Keynote Address, Environmental Health Conference, Lancaster, 2003
Keynote Address, p53 Satellite Meeting, Tenth International Toxicology Congress, Finland, 2004
Keynote Address, Tenth International Toxicology Congress, Finland, 2004
Undergraduate Scholarship Program Recognition Award, National Institutes of Health, Bethesda, MD, 2005
Keynote Address, Environmental Mutagen Society United Kingdom, Bradford, 2005
Keynote Address, International Symposium, Chronic Oxidative Stress and Cancer: Mechanisms, Biomarkers and Prevention, German Cancer Research Center, Heidelberg, 2005
Keynote Address and Visiting Professor: Frontiers in Biomedical Research, Hong Kong School of Medicine, Hong Kong, 2005
Presidential Lecture, International Liver Congress, Shanghai, 2006
Keynote Address, Microenvironment and Cancer Symposium, Japanese Foundation Cancer Research, Tokyo, 2006
State of the Art Address, International Liver Cancer Association, Barcelona, 2007
NCI Outstanding Mentor Award, 2007

Committees and Conferences:

Member, Lung Cancer Segment, DCCP, NCI, 1972-1974
Member, Working Party for Therapy of Lung Cancer, DCT, NCI, 1973-1975
Member, Organizing Committee, International Conference on Late Effects of Cancer Therapy, sponsored by Cancer Clinical Investigations Review Committee, NCI, January 1975
Chairman, Human Studies Collaborative Group, NCI, 1975-1985
Chairman, Organizing Committee, International Conference on Methods to Culture Human Cells and Tissues, sponsored by NHLBI and NCI, 1979
Member, Pathology Study Section B, Ad Hoc Committee on Chemical Pathology, National Cancer Institute, 1978-1979
Member, Carcinogenesis Committee, NCI Occupational Cancer Task Force, 1978
Member, Environmental Pathology Registry Advisory Committee, International Academy of Pathology, 1979-1984
Member, Scientific Program Committee, Second World Conference on Lung Cancer, Copenhagen, sponsored by the International Association for the Study of Lung Cancer, 1980
Co-organizer, Interspecies Correlations in Chemical Carcinogenesis, U.S.-Japan Cooperative Cancer Research Program Conference, Tokyo, Japan, 1981
Co-organizer, Mechanisms of Chemical Carcinogenesis, ICN-UCLA Symposia on Molecular and Cellular Biology, Keystone, 1981
Co-organizer, Cancer and Aging, Given Institute of Pathobiology, Aspen, 1981
Member, Program Committee, III World Congress on Lung Cancer, Tokyo, 1982

Program Chairman, Carcinogenesis Studies Using Cultured Human Tissues and Cells, sponsored by National Cancer Institute, Aspen, 1982
Co-organizer, Multiple Primary Cancers, U.S.-Japan Cooperative Cancer Research Program Conference, Tokyo, Japan, 1983
Member, Program Committee, International Conf. on Cell Biochemistry and Function, Guilford, 1983
Member, Program Committee, Chemical and Radiation Carcinogenesis Conference, Bethesda, MD 1983
Organizer, Tumor Promotion in Human Cancer, NIH Combined Clinical Staff Conference, Bethesda, MD 1983
Member, Promotion Review Committee, Division of Cancer Etiology, NCI, 1983-1986
Member, Program Committee, Conference on "Interspecies Correlations in Carcinogenesis," Aspen, 1985
Member, Program Committee, IV World Congress on Lung Cancer, Toronto, August 1985
Co-organizer, Mechanisms of Tobacco Carcinogenesis, Banbury Conference, Cold Spring Harbor, NY, 1985
Organizer, Biochemical and Molecular Epidemiology of Cancer, UCLA Symposium on Cellular and Molecular Biology, Steamboat Spr., April, 1985
Chairman, Carcinogenesis Section, AACR Program Committee, 1986
Member, Program Committee, Biochemical and Cellular Indices of Human Toxicity in Occupational Medicine, Milan, 1986
Chairman, Program Committee, III International Workshop on Carcinogenesis Studies Using Human Tissues and Cells, Copenhagen, 1987
Co-chairman, Board of Directors, Aspen Cancer Conference, 1988 -
Co-organizer, Genetic Mechanisms of Carcinogenesis and Tumor Progression, UCLA Symposium on Cellular and Molecular Biology, Keystone, 1989
Co-chairman, Fundamental and Clinic Research on Liver Cancer, Japanese Promotion for Cancer Research, Tokyo, 1989
Chairman, Program Committee, International Workshop on Prevention of Liver Cancer, Hawaii, 1989
Co-chairman, U.S.-Japan Cooperative Cancer Program Workshop on Multiple Primary Cancer, Hawaii, 1989
Chairman, Program Committee, International Symposium on N-Nitroso Compounds, Mycotoxins and Tobacco Smoke, Lyon, 1989
Co-organizer, Molecular Mechanisms of Fiber Toxicity and Carcinogenesis, Banbury Conference, 1990
Co-organizer, U.S.-Japan Cancer Cooperative Workshop, Osaka, Japan, 1990
Co-organizer, International Conference on Multiple Primary Tumors, Tokyo, Japan, 1990
Co-organizer, Genetic Instability and Cancer, Keystone Symposia on Cellular and Molecular Biology, Tamarron, 1991
Chairman, Program Committee, AACR Annual Meeting, Houston, Texas, 1991
Co-organizer, Princess Takamatsu Symposium, Tokyo, 1991
Co-organizer, Genetic Instability in Carcinogenesis and Tumor Progression, U.S.-Japan, Cooperative Cancer Research Program, Hawaii, 1992
Co-organizer, AACR-IARC Conference, Lyon, 1992

Co-organizer, 6th International Symposium on Fundamental & Clinical Research in Esophageal Cancer, Tokyo, 1993
Co-organizer, p53 in Growth Control and Neoplasia, Brupbacher Foundation, Zurich, 1993
Co-organizer, Tumor Suppressor Genes, Keystone Symposium, Taos, NM, 1994
Co-organizer, Apoptosis, UICC Workshop, Woodshole, 1994
Co-organizer, Cancer Susceptibility and Molecular Carcinogenesis, AACR Special Conference, Keystone, CO, 1996
Co-organizer, Creating a Strategy for Science-Based National Policy, Addressing Conflicting Scientific Views on the Health Risks of Low- Level Ionizing Radiation, Wingspread, 1997
Co-organizer, Molecular Epidemiology of Lung Cancer: Clinical Implications, Oslo, 1998
Co-organizer, p53 Workshop, Crete, 1998
Co-organizer, Molecular Epidemiology of Cancer, Keystone Cellular and Molecular Biology Symposium, Taos, NM, 2000
Member, Organizing Committee, p53 Workshop, Monterey, CA, 2000
Co-chair, Biology, Lung Cancer, NCI Program Review Group, Bethesda, MD, 2001
Co-chair, Impact of the Environment on Colon Cancer, Miami, FL, 2003
Co-chair, 13th International Symposium of the Hiroshima Cancer Center, Hiroshima, 2003
Co-organizer, Lung Cancer Workshop, NCI, Bethesda, MD, 2003
Member, Organizing Committee, p53 Workshop, Dunedin, New Zealand, 2004
Chair, Organizing Committee, Bloom Syndrome: Molecular Basis of Genomic Instability, NIH, Bethesda, MD, 2005
Member, Organizing Committee, Keystone Sym., Stem Cells, Senescence and Cancer, Singapore, 2005
Co-organizer, Inflammation and Colon Cancer, NCI, Bethesda, MD 2006
Co-organizer, International Symposium on Human Carcinogenesis, NCI, Bethesda, MD, 2006
Member, Organizing Committee, p53 Workshop, New York, 2006
Member, Organizing Committee, Inflammation and Cancer, NCI, Bethesda, MD, 2007
Member, Steering Committee, Center of Excellence in Cancer Biology and Human Genomics, NCI, 2007
Member, Organizing Committee, p53 Workshop, Shanghai, China, 2008
Co-orginizer, Bloom Syndrome Conference, Chicago, IL, 2008

Research Interests:

1. Human carcinogenesis.
2. Molecular epidemiology of cancer.

Inventions and Patents Assigned to U.S. Government:

1. Ultrasensitive enzymatic radioimmunoassay method (USERIA), U.S. patent 4,289,748.
2. Protoplast Fusion Method for High Frequency DNA Transfection in Human Cells; U.S. patent 4,608,339.
3. Cascade Amplification Enzyme Immunoassay, U.S. patent 4,463,090.
4. A Method and Kit for Detecting Human Exposure to Genotoxic Agents; U.S. patent 4,794,074.

5. Immortalized Human Bronchial and Mesothelial Epithelial Cell Lines; U.S. patent 4,885,238.
6. Cell Culture Medium for Human Liver Epithelial Cell Line; U.S. patent 5,342,777.
7. Immortalized Human Cell Lines Containing Exogenous Cytochrome P450; U.S. patent 5,356,806.
8. An Immortalized Human Bronchial Epithelial Cell Line; U.S. patent 5,432,060.
9. Immortalized Nontumorigenic Human Bronchial Epithelial Cell Lines; U.S. patent 5,443,954.
10. Immortalized Human Cell Lines containing Exogenous Cytochrome p450 Genes; U.S. patent 5,660,986.
11. Eukaryotic Expression Vector System; U.S. patent 5,604,118.
12. Human Liver Epithelial Cell Line and Culture Media Therefore; U.S. patent 5,529,920.
13. Human Liver Epithelial Cell Lines; U.S. patent 5,759,765.
14. Screening Assays for Compounds that cause Apoptosis; U.S. patent 6,602,979.
15. Methods for Identifying Inhibitors of GADD45 Peptide Activity and Inhibitors of Such Activity; U.S. patent 60,126,069; 7,125,850.
16. Telomerase-Immortalized Human Cell Lines; U.S. patent 60,255,722.
17. Immortalization of Human Epithelial Cells; U.S. patent 60,260,625.
18. Anticancer, Apoptosis-Inducing Compounds; application pending.
19. Methods for Assaying for Modulations of GADD45 Activity; U.S. patent 7,005,419.
20. New Tumor Suppressor Gene p33 ING2; U.S. patent 6,790,948.
21. New Tumor Suppressor Gene p47ING3; application pending.
22. p53 and VEGF Regulate Tumor Growth of NOS2 Expressing Cancer Cells; application pending.
23. New Tumor Suppressor Gene p28ING5; U.S. patent 60,351,504.
24. Telomerase Immortalized Human Cell Lines; application pending.
25. Methods and Compositions for the Diagnosis of Neuroendocrine Lung Cancer; application pending.
26. POT1 alternative splicing variants; application pending.
27. MicroRNA-Based Methods and Compositions for the Diagnosis, Prognosis and Treatment of Lung Cancer, application pending.
28. MicroRNA-Based Methods and Compositions for the Diagnosis, Prognosis and Treatment of Colon Cancer, application pending.
29. Methods of Determining the Prognosis of an Adenocarcinoma, application pending.

BIBLIOGRAPHY

Articles in Journals

1. Harris, C. and Leone, C. A.: Some effects of EDTA and tetraphenylboron on the ultrastructure of mitochondria in mouse liver cells. J. Cell Biology 28: 405-408, 1966.

2. Harris, C., Grady, H. and Svoboda, D.: Segregation of the nucleolus produced by Anthramycin. Cancer Res. 28: 81-90, 1968.

3. Reddy, J., Harris, C. and Svoboda, D.: Inhibition by lasiocarpine of RNA synthesis, RNA polymerase and induction of tryptophan pyrrolase activity. Nature 217: 659-661, 1968.

4. Harris, C., Grady, H. and Svoboda, D.: Alterations in pancreatic and hepatic ultrastructure following acute cycloheximide intoxication. J.Ultrastructure Res. 22: 240-251, 1968.

5. Harris, C., Reddy, J., Svoboda, D.: Isolation and ultrastructure of nucleoli altered in vivo. Exp. Cell Res. 51: 268-274, 1968.

6. Harris, C., Reddy, J. and Svoboda, D.: The effect of cycloheximide on ribonucleic acid and protein synthesis in rat liver. Biochem. Pharmacol. 18: 951-954, 1969.

7. Harris, C., Reddy, J., Chiga, M. and Svoboda, D.: Polyribosome disaggregation in rat liver by lasiocarpine. Biochem. Biophys. Acta 182: 587-589, 1969.

8. Reddy, J., Chiga, M., Harris, C. and Svoboda, D.: Polyribosome disaggregation in rat liver following administration of tannic acid. Cancer Res. 30: 58-65, 1970.

9. Svoboda, D., Reddy, J. and Harris, C.: Invasive tumors induced in rats with Actinomycin D. Cancer Res. 30: 2271-2279, 1970.

10. Harris, C.: Malignancy during methotrexate and steroid therapy for psoriasis. Arch. Derm. 103: 501-504, 1971.

11. Harris, C., Sporn, M., Kaufman, D., Smith, J., Baker, M. and Saffiotti, U.: Acute ultrastructural effects of benzo(a)pyrene and ferric oxide on the hamster tracheobronchial epithelium. Cancer Res. 31: 1977-1989, 1971.

12. Harris, C., Sporn, M., Kaufman, D., Smith, J., Jackson, F. and Saffiotti, U.: Histogenesis of squamous metaplasia in the hamster tracheal epithelium caused by vitamin A deficiency or by benzo-(a)pyrene-ferric oxide. J. Natl. Cancer Inst. 48: 743-761, 1972.

13. Kaufman, D., Baker, M., Harris, C., Smith, J., Boren, H., Sporn, M. and Saffiotti, U.: Coordinated biochemical and morphologic examination of hamster tracheal epithelium. J. Natl. Cancer Inst. 49: 783-792, 1972.

14. Kaufman, D., Baker, M., Smith, J., Henderson, W., Harris, C., Sporn, M. and Saffiotti, U.: RNA metabolism in tracheal epithelium: Alteration in hamsters deficient in vitamin A. Science 177: 1105-1108, 1972.

15. Harris, C., Kaufman, D., Sporn, M., Boren, H., Jackson, F., Smith, J., Pauley, J., Dedick, P. and Saffiotti, U.: Localization of benzo(a)- pyrene-^{3}H and alterations in nuclear chromatin caused by benzo(a)pyrene-ferric oxide in the hamster respiratory epithelium. Cancer Res. 33: 2842-2848, 1973.

16. Harris, C., Kaufman, D., Sporn, M. and Saffiotti, U.: Histogenesis of squamous metaplasia and squamous cell carcinoma of the respiratory epithelium in an animal model. Cancer Chemotherapy Rep. 4: 43-54, 1973.

17. Harris, C.: The epidemiology of different histologic types of bronchogenic carcinoma. Cancer Chemotherapy Rep. 4: 59-61, 1973.

18. Port, C., Henry, M., Kaufman, D., Harris, C. and Ketels, K.: Acute changes in the surface morphology of hamster tracheobronchial epithelium following benzo(a)pyrene and ferric oxide administration. Cancer Res. 33: 2498-2506, 1973.

19. Harris, C., Kaufman, D., Sporn, M., Smith, J., Jackson, F. and Saffiotti, U.: Ultrastructural effects of N-methyl-N-nitrosourea on the tracheobronchial epithelium of the Syrian golden hamster. Int. J. Cancer 12: 259-269, 1973.

20. Kaufman, D., Genta, V., Harris, C., Smith, J., Sporn, M. and Saffiotti, U.: Binding of ^{3}H-labeled benzo[a]pyrene to DNA in hamster tracheal epithelial cells. Cancer Res. 33: 2837-2841, 1973.

21. Harris, C., Silverman, T., Jackson, F., Smith, J. and Boren, H.: Proliferation of tracheal epithelial cells in normal and vitamin A deficient Syrian golden hamsters. J. Natl. Cancer Inst. 51: 1059-1064, 1973.

22. Kripke, M., Steinmuller, D., Harris, C., Lofgreen, P. and Eichwald, E.: Effects of chronic cyclophosphamide and methotrexate treatment on skin allograft survival in mice and rats. J. Natl. Cancer Inst. 51: 1355-1358, 1973.

23. Wenk, M., Reddy, J. and Harris, C.: Pancreatic regeneration caused by ethionine in the guinea pig. J. Natl. Cancer Inst. 52: 533-538, 1974.

24. Harris, C., Primack, A. and Cohen, M.: Elevated alpha$_1$-antitrypsin serum levels in lung cancer patients. Cancer 34: 280-281, 1974.

25. Genta, V., Kaufman, D., Harris, C., Jackson, F., Smith, J., Sporn, M. and Saffiotti, U.: Vitamin A deficiency enhances binding of benzo(a)-pyrene to tracheal epithelial DNA. Nature 247: 48-49, 1974.

26. Harris, C., Kaufman, D., Jackson, F., Smith, J., Dedick, P. and Saffiotti, U.: Atypical cilia in the tracheobronchial epithelium of the hamster during respiratory carcinogenesis. J. Path. 114: 17-19, 1974.

27. Yuspa, S. and Harris, C.: Altered differentiation of mouse epidermal cells treated with retinyl acetate in vitro. Exp. Cell Res. 86: 95-105, 1974.

28. Meadows, A., D'Angio, G., Evans, A., Harris, C., Miller, R. and Mike, V.: Oncogenesis and other late effects of cancer treatment in children. Radiol. 114: 175-181, 1975.

29. Harris, C., Connor, R., Jackson, F. and Lieberman, M.: Intranuclear distribution of DNA repair synthesis induced by chemical carcinogens or ultraviolet light in human diploid fibroblasts. Cancer Res. 34: 3461-3469, 1974.

30. Boren, H., Pauley, J., Wright, E., Kaufman, D., Smith, J. and Harris, C.: Cell populations in the hamster tracheal epithelium in relation to vitamin A status. Int. J. Vit. Res. 44: 382-390, 1974.

31. Boren, H., Wright, E. and Harris, C.: Quantitative light microscopic autoradiography - Emulsion sensitivity and latent image fading. J. Cytochem. Histochem. 23: 901-909, 1975.

32. Harris, C., Genta, V., Frank, A., Kaufman, D., Barrett, L., McDowell, E. and Trump, B.: Carcinogenic polynuclear hydrocarbons bind to macromolecules in cultured human bronchi. Nature 252: 68-69, 1974.

33. Harris, C., Cohen, M., Connor, R., Primack, A., Saccomanno, G. and Talamo, R.: Serum alpha$_1$-antitrypsin in patients with lung cancer or abnormal sputum cytology. Cancer 38: 1655-1657, 1976.

34. Harris, C., Frank, A., van Haaften, C., Kaufman, D., Connor, R., Jackson, F., Barrett, L., McDowell, E. and Trump, B.: Binding of [^{3}H] benzo(a)pyrene to DNA in cultured human bronchus. Cancer Res. 36: 1011-1018, 1976.

35. Barrett, L., McDowell, E., Frank, A., Harris, C. and Trump, B.: Long-term organ culture of human bronchial epithelium. Cancer Res. 36: 1003-1010, 1976.

36. D'Angio, G., Meadows, A., Mike, V., Harris, C., Evans, A., Jaffe, N., Newton, W., Schweisguth, O., Sutow, W. and Morris-Jones, P.: Decreased risk of radiation-

associated second malignant neoplasms in actinomycin- D-treated patients. Cancer 37: 1177-1185, 1976.

37. McDowell, E., Barrett, L., Harris, C. and Trump, B.: Abnormal cilia in human bronchial epithelium. Arch. Pathol. 100: 429-436, 1976.

38. Harris, C., Autrup, H., Connor, R., Barrett, L., McDowell, E. and Trump, B.: Interindividual variation in binding of benzo[a]pyrene to DNA in cultured human bronchi. Science 194: 1067-1069, 1976.

39. Weinstein, I. B., Jeffrey, A., Jennette, K., Blobstein, S., Harvey, R., Harris, C., Autrup, H., Kasai, H. and Nakanishi, K.: Benzo[a]pyrene diol epoxides as intermediates in nucleic acid binding in vitro and in vivo. Science 193: 592-595, 1976.

40. Trump, B., McDowell, E., Barrett, L., Jones, R., Valerio, M. and Harris, C.: Ultrastructural and cytochemical studies on the mechanism of chemical carcinogenesis in the human. Microscopical Society of Canada 3: 142-145, 1976.

41. Jones, R., Barrett, L., van Haaften, C., Harris, C. and Trump, B.: Carcinogenesis in the pancreas. I. Long-term explant culture of human and bovine pancreatic ducts. J. Natl. Cancer Inst. 58: 557-565, 1977.

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Invited Talks (2005-present):

1. "Radical causes of human cancer". Keystone Symposia, Breckenridge, CO, March 2005
2. "p53: At the Crossroads of DNA Repair, DNA Recombination and Carcinogenesis". Keystone Symposia, Taos, New Mexico, March 2005
3. "p53: At the Crossroads of Inflammation, Aging and Cancer". FAMRI Advisory Board Mtg/Weizman Institute, Rehovot, Israel, March 2005
4. "Chronic Inflammation and Cancer". Oregon State University, Portland OR, April 2005;
5. "p53 Tumor Suppressor: At the Crossroads of Molecular, Pathogenesis, Therapy and Epidemiology of Hepatocellular Carcinoma". Barcelona, Spain, June 2005
6. "p53 tumor suppressor and genomic instability diseases". University of Oxford, London, England, June 2005
7. "p53 at the Crossroads of DNA repair and DNA Recombination". 28th Annual Conference of the UK Environmental Mutagenesis Society, Bradford, United Kingdom, August 2005
8. "Inflammation and Cancer". Mechanisms, Biomarkers and Prevention Symposium, Heidelberg, Germany, October 2005
9. "p53 Senescence and Cancer". Keystone Symposium, Singapore, October 2005
10. "Chronic Inflammation and Cancer: Radical Causes of Cancer". Boston University, Boston, MA, October 2005
11. "Chronic Inflammation and Cancer". China, Beijing, November 2005
12. "p53 Tumor Suppressor Colon: At the Crossroads of Inflammatory Stress and Cancer". Second International Workshop, Ein Gedi, Israel, November 2005
13. "p53 Biological Network: Chronic inflammation and Cancer". University of Hong/Frontiers in Biomedical Research Symposium, Hong Kong, December 2005
14. "p53 Biological network: Inflammation and cancer". 11th International Charles Heidelberger Symposium on Cancer Research, Naresuan University Hospital, Phitsanulok, Thialand, January 2006
15. "p53 Tumor Suppressor network: At the crossroads of the molecular carcinogenesis and molecular epidemiology of liver cancer". Shanghai-Hong Kong International Liver Congress 2006, Shanghai, China, March 2006
16. "Cause and Prevention of Colon Cancer". University of South Carolina, National Colorectal Awareness, Columbia, SC, March 2006

17. "p53 Biological network: chronic inflammation and cancer". International Symposium on Carcinogenesis and Tissue Environment, Tokyo, Japan, April 2006
18. "p53 mediated senescence". International p53 workshop, Columbia University, New York, NY, May 2006
19. "p53 biological network: chronic inflammation and cancer". CNIO Cancer Conference on Inflammation and Cancer, Madrid, Spain, May 2006
20. "Chronic Inflammation and Cancer: Radical Causes of Human Cancer". 4th International Conference on the Biology, Chemistry and Therapeutic Applications of Nitric Oxide, Monterey, CA, June 2006
21. "Microenvironment and Cancer: Inflammation microRNA profiles and p53 Network". Kansas University Cancer Center Symposium, Kansas City, KS, June 2006
22. "Inflammation and Cancer". 46th annual meeting of Japanese Respiratory Society, Japan, Tokyo, June 2006
23. "Molecular and Profiling of Lung Cancer". National Cancer Center Research Institute, Tokyo, Japan, June 2006
24. "Unique microRNAs predict lung cancer diagnosis and prognosis". Aspen Cancer Conference, Aspen, CO, July 2006
25. "Microenvironment and p53 Biological Network". European Environmental Mutagen Society Meeting, Prague, Czech Republic, July 2006
26. "Chronic Inflammation and Cancer: Radical causes of cancer". 4th International Gastroenterological Carcinogenesis Conference 2006, Honolulu, HI, August 2006
27. "Microenvironment and Cancer: Inflammation, microRNA and cytokine profiles, and p53 network". University of California, San Francisco, CA, August 2006
28. "Microenvironment and Cancer: Inflammation, microRNA and cytokine profiles, and p53 network". University of Calgary, Alberta, Canada, August 2006
29. "p53 Biological Network". Eurotox 2006 meeting, Cavtat/Dubrovnik, Croatia, September 2006
30. "Microenvironment and Cancer: inflammation, microRNA and cytokines". Northwestern University School of Medicine Pathology Department, Chicago, IL, September 2006
31. "Microenvironment and Cancer: Inflammation, microRNAs and Cytokines". 5th Cytokines and Inflammation Conference, Breckenridge, CO, January 2007
32. "Inflammation and Cancer". Keystone Symposium on Genome Instability & Repair, Breckenridge, CO, January 2007
33. "Microenvironment and Cancer: Inflammation, microRNA and p53". Weizmann Institute of Science, Rehovot, Israel, February 2007
34. "Microenvironment and Cancer: Inflammation, microRNA and p53". Mainz University, Mainz, Germany, February 2007
35. "microRNAs and Cytokines modulate lung cancer progression and prognosis: Mechanistic insights and clinical potential". AEK Congress of the Experimental Branch of the German Cancer Society, Frankfurt, Germany, March 2007
36. "microRNAs predict cancer diagnosis and prognosis". AACR annual meeting, Los Angeles, CA, April 2007
37. "microRNA and cytokine profiling predict cancer diagnosis and prognosis". 12th International Heidelberger Symposium on Cancer Research, Jerusalem, Israel, May 2007
38. "Microenvironment and Cancer: inflammation and microRNA". San Antonio Cancer Institute, San Antonio, TX, May 2007

39. "Microenvironment and Cancer". IN University, Center for Environmental Health, Indianapolis, IN, May 2007
40. "Microenvironment and Cancer: Inflammation, microRNA and p53". The Falk Symposium, Portoroz, Slovenia, June 2007
41. "microRNAs in cancer diagnosis and prognosis". Gordon Research Conference on Molecular Therapeutics of Cancer, New London, NH, July 2007
42. "Inflammation and Cancer: Interactions of microRNA cytokine and p53 pathways". XIII Charles Heidelberger International Symposium, New York, NY, September 2007
43. "Chronic Inflammation and Cancer: Interaction of free radical, microRNA cytokine pathways". University of Geneva Department of Molecular Biology, Geneva, Switzerland, October 2007
44. "Inflammation and Cancer: Interactions of microRNA cytokine and p53 pathways". International Liver Cancer Association Meeting, Barcelona, Spain, October 2007
45. "Inflammation and Cancer". 4th Nestle International Nutrition Symposium, Lausanne, Switzerland, October 2007
46. "Inflammation and Cancer: Interactions of microRNA cytokine and p53 pathways". Keystone Symposium on Frontiers in Gastrointestinal Cancer, Beijing, China, October 2007
47. "Inflammation and Cancer: Interactive MicroRNA, Cytokine and free radicals pathways". Sixth Princess Chulabhorn International Science Congress, Bangkok, Thialand, November 2007
48. "MicroRNAs as biomarkers of colon cancer and prognosis". AACR Special Conference on Advances in Colon Cancer Research, Cambridge, MA, November 2007
49. "Inflammation and Cancer: Interaction of the p53, microRNA and cytokine pathways". 3rd International Workshop on Mutant p53, Lyon, France, November 2007
50. "Inflammation and Cancer: Interactions of microRNA, cytokine and p53 pathways". National Cancer Center Research Institute, Tokyo, Japan; December 2007
51. "Chronic Inflammation and Cancer: Interaction of microRNA, free radical and cytokine and p53 pathway". Ludwig Institute for Cancer Research/University of Oxford Branch, Headington, Oxford, UK, April 2008
52. "Inflammation and cancer: Interpretation of microRNA, free radical cytokine and p53 pathway". UCLA Schools of Medicine and Public Health, Los Angeles, CA, April 2008
53. "Chronic inflammation and cancer". Offices of Life Sciences, National University of Singapore, Singapore, May 2008
54. "Chronic Inflammation: and Cancer: Interweaving microRNA, cytokine, free radical and p53 pathways". Nippon Medical School, Tokyo, Japan, May 2008
55. "Inflammation and Cancer: Interaction of microRNA, free radical and cytokine and p53 pathway". University of Dundee, Biomedical Research Centre Ninewells Hospital & Medical School, Dundee, Scotland, May 2008
56. "Inflammation and liver cancer: interweaving hepatitis virus, microRNA, aflatoxin B1 and p53 pathways". Hong Kong-Shanghai International Liver Conference, Hong Kong, China, June 2008
57. "Inflammation at the intersect of chemical microbial carcinogenesis". University of Vienna, Vienna Switzerland, September 2008
58. "p53 independent cellular senescence". p53 Workshop, Shanghai, China, October 2008

59. “MicroRNAs and inflammatory cytokines as clinical biomarkers of cancer diagnosis, prognosis and therapeutic outcome”. Dublin Cancer Conference, Dublin, Ireland, December 2008