

CURRICULUM VITAE

Ming You MD, PhD

**Sr Associate Dean, Center Director, Professor
Department of Pharmacology and Toxicology**

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CITIZENSHIP: USA

EDUCATION:

- 12/1982 BS/MD in Medicine, Peking University, College of Medicine, Beijing, China
- 06/1989 PhD, Medical College of Ohio, Toledo, OH

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

- 1978 - 1982 Medical Student Fellowship, Peking Univ College of Medicine
- 1985 - 1989 Predoctoral Fellowship, Medical College of Ohio, Toledo, OH
- 1989 Aspen Cancer Conference Fellowship, Aspen, CO

FACULTY APPOINTMENTS:

- 1986 - 1989 Visiting Researcher, Laboratory of Molecular Toxicology, NIEHS, NIH, RTP, NC
- 1989 - 2000 Director, DNA Proliferating Laboratory, Medical College of Ohio, Toledo, OH
- 1989 - 1993 Assistant Professor, Department of Pathology, Medical College of Ohio, Toledo, OH
- 1993 - 1995 Associate Professor, Department of Pathology, Medical College of Ohio, Toledo, OH
- 1996 - 1997 Associate Professor with tenure, Department of Pathology, Medical College of Ohio, Toledo, OH
- 1998 - 2000 Professor with tenure, Department of Pathology, Medical College of Ohio, Toledo, OH
- 1998 - 1999 Fogarty Scholar, MRC Toxicology Unit, University of Leicester, Leicester, United Kingdom
- 2000 - 2002 Professor, Department of Molecular Virology, Immunology, and Medical Genetics, Division of human cancer genetics, Ohio State University College of Medicine, Toledo, OH
- 2002 - 2010 Department of Surgery, Washington University School of Medicine, St. Louis, MO
- 2009 Mary Culver Distinguished Professor of Surgery, Washington University School of Medicine, St. Louis, MO
- 2010 - Present Professor, Department of Pharmacology and Toxicology, Medical College of Wisconsin, Milwaukee, WI
- 2010 - Present Joseph F. Heil Professor in Molecular Oncogenesis, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

- 1996 Reviewer, Breast Cancer Research Project Monitoring Review, American Institute of Biological Sciences for the U.S. Army Medical Research and Development Command
- 1999 - 2000 Director, Molecular Pathogenesis of Cancer (MPC) Ph.D. Program, Medical College of Ohio, Toledo, OH
- 1999 - 2000 Scientific Director, Comprehensive Oncology Center, Medical College of Ohio, Toledo, OH
- 2000 Barbara J. Bonner Endowed Chair, Lung Cancer Research, Ohio State University College of Medicine, Columbus, OH

- 2000 - 2003 Member, Chemical Pathology Study Section (CPA), Oncological Sciences Integrated Review Group, Center for Scientific Review, National Institutes of Health
- 2002 - 2005 Aberrant DNA methylation as a target for chemoprevention/chemotherapy in lung cancer, V-Foundation 2002 Translational-Clinical Research Scholars award (Plass, You, & Otterson)
- 2002 - 2010 Director, Alvin J. Siteman Cancer Center, Chemoprevention Program, Washington University School of Medicine, St. Louis, MO
- 2003 - 2007 Member, Oncological Sciences Integrated Review Group, Chemo/Dietary Prevention Study Section (CDP), Center for Scientific Review, National Institutes of Health.
- 2010 - Present Director, Cancer Center, Medical College of Ohio, Milwaukee, WI

AWARDS AND HONORS:

- 1998 - 1999 Fogarty Senior International Fellowship, entitled “Genetic Susceptibility to Lung Tumorigenesis”, Fogarty International Center, National Institutes of Health, F06-TW02293
- 1999 Inaugural Research Award, Medical College of Ohio

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

- 1992 American Institute of Biological Sciences Breast Cancer Peer Review Panel for the U.S. Army Medical Research and Development Command (Member)
- 1993 American Institute of Biological Sciences Neurofibromatosis Peer Review Panel for the U.S. Army Medical Research and Development Command (Member)
- 1995 American Institute of Biological Sciences Neurofibromatosis Evaluation Panel for the U.S. Army Medical Research and Development Command (Member)
- 1997 American Institute of Biological Sciences Neurofibromatosis Peer Review Evaluation Committee for the U.S. Army Medical Research and Development Command (Member)
- 2000 National Institutes of Health (Scientific Review Group (Subcommittee G - Education), Ad Hoc Reviewer)
- 2000 National Institutes of Health (NCI SPORE (Lung & Prostate Cancer) Review Panel)
- 2000 National Institutes of Health (Chemical Pathology Study Section, Ad Hoc)
- 2001 - 2003 National Institutes of Health (Chemical Pathology Study Section)
- 2003 - 2005 National Institutes of Health (Chemo/Dietary Prevention Study Section, Ad Hoc)
- 2005 - 2007 National Institutes of Health (Chemo/Dietary Prevention Study Section)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

- Editorship
 - PLoS One
 - Cancer Research
 - Cancer Prevention Research
- Editorial Board
 - Carcinogenesis
 - Translational Oncogenomics

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 1999 - 2000 Member, Appointment, Promotion and Tenure Committee, Medical College of Ohio
- 1999 - 2000 Member, Executive Committee for the Comprehensive Oncology Center, Medical College of Ohio
- 2001 - 2002 Member, Appointment, Promotion and Tenure Advisory Committee, Ohio State University College of Medicine and Public Health
- 2006 - 2011 Member, Board of Scientific Counselors, National Cancer Institute, National Institutes of Health
- 07/2007 Member, NCI Cancer Chemoprevention Think Tank, MMHCC, National Cancer Institute
- 2007 - 2009 Member, Tobacco Related Disease Research Program’s (TRDRP) Study Sections, State of California

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 1998 - 2000 Member, Chemoprevention Implementation Committee, Division of Cancer Prevention, National Cancer Institutes
- 09/2004 Member, NCI Cancer Susceptibility Think Tank, National Cancer Institute
- 2006 - 2007 Chair, Division of Cancer Prevention, National Cancer Institutes, Review Panel for

Chemopreventive Agent Development Research Group (CADRG)
 2008 Member, Scientific Review Committee, AACR Frontiers in Cancer Prevention Research Conference
 2008 Member and Co-Chair, NCI Translational Science meeting Program Committee, Targeting Head, Neck,
 & Lung Cancers
 2009 - 2010 Member, Scientific Review Committee, AACR Frontiers in Cancer Prevention Research
 Conference
 2009 Member, American Institute of Biological Sciences "Molecular Signatures of Tumors Panel B" Peer
 Review Panel, U.S. Army Medical Research and Development Command
 2009 Chairman, Division of Cancer Prevention, National Cancer Institutes, Review panel for
 chemopreventive agent development research group (CADRG)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Peer Review

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|---------|---|
| Title: | Travel grants from International Mammalian Genome Society |
| Source: | to attend the 7th International Mouse Genome Meeting in Japan and the 8th Meeting in England |
| Dates: | 1993 - 1994 |
| Title: | U01 CA76293 |
| Source: | Genetic Epidemiology of Lung Cancer |
| Role: | Subcontract |
| PI: | Anderson |
| Dates: | 05/01/1999 - 02/28/2011 |
| Title: | N01-CN-43308 |
| Source: | Preclinical Efficacy & Intermediate Biomarker Assays |
| Role: | Principal Investigator |
| PI: | Self |
| Dates: | 05/15/2004 - 05/14/2011 |
| Title: | R01 CA113793 |
| Source: | Chemoprevention with mTOR & Farnesyltransferase Inhibitors |
| Role: | Principal Investigator |
| PI: | Self |
| Dates: | 02/28/2006 - 01/31/2011 |
| Title: | R01ES014399 |
| Source: | Genetic Modifiers of Lung Cancer |
| PI: | Wang |
| Dates: | 07/01/2007 - 06/30/2012 |
| Title: | R01AT003203 |
| Source: | Chemoprevention of Lung Cancer with AntiTumor B |
| Role: | Principal Investigator |
| PI: | Self |
| Dates: | 09/30/2007 - 06/30/2012 |
| Title: | R01CA129533 |
| Source: | Molecular Characterization of Stage I Lung Cancer |
| Role: | Principal Investigator |
| PI: | Self |
| Dates: | 01/01/2008 - 12/31/2011 |
| Title: | R01CA134682-01A2 |
| Source: | Genome-Wide Association Studies of Predisposition to Lung Cancer |

Role: Principal Investigator
PI: Liu and Self
Dates: 05/01/2009 - 06/30/2014

Title: R01CA139959-01A1
Source: Chemoprevention of Lung Squamous Cell Carcinoma with Polyphenon E
Role: Principal Investigator
PI: Wang and Self
Dates: 05/15/2009 - 06/30/2013

Title: R01CA134433
Source: Molecular Genetics of Lung Tumor Promotion in Mice
Role: Principal Investigator
PI: Vikis, Liu, and Self
Dates: 05/15/2009 - 06/30/2014

Title: R01AT005522
Source: Chemoprevention of lung cancer with red ginseng extracts
Role: Principal Investigator
PI: Self
Dates: 09/30/2009 - 10/01/2013

Title: U19CA148127
Source: Transdisciplinary Research in Cancer of the Lung
Role: Principal Investigator
PI: Amos, Le Marchand, Plass, and Self
Dates: 04/01/2010 - 03/31/2014

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Genetic Susceptibility to Lung Cancer, Medical College of Wisconsin, Milwaukee, WI, 09/2009

Regional

Oncogene Activation in Rodent Tumors, Northwest Ohio Cancer Network Symposium, Dana Center, Medical College of Ohio, Toledo, 09/1989

A/J Mouse Lung Tumor Model: The Study of Molecular Mechanisms of Carcinogenesis, Interdepartmental Seminars, Medical College of Ohio, Toledo, Ohio, 10/1990

DNA Fingerprinting, Pathology Grand Rounds, Department of Pathology, Medical College of Ohio, Toledo, Ohio, 04/1991

Application of DNA Technology to Clinical Testing, Department of Pediatrics, Medical College of Ohio, Toledo, 05/1991

Gene therapy for lung diseases, Pathology Grand Rounds, Department of Pathology, Medical College of Ohio, Toledo, OH, 05/1992

DNA typing and its application in paternity and forensic cases, Lucas County Bar Association, Toledo, OH, 03/1993

Molecular Genetics of Human Diseases, Workshop on Genetics in Education, University of Toledo, Toledo, OH, 06/1993

Molecular Diagnostics in Pathology, Special Seminars, Department of Pathology, Medical College of Ohio, 07/1993

Tumor Susceptibility Genes in Humans and Rodents, 104th Annual Meeting of the Association of Clinical Scientists, Advances in the Laboratory Diagnosis of Cancer and their Clinical Applications, Toledo, OH, 11/1993

Molecular Genetic of Lung Cancer, Department of Microbiology, Medical College of Ohio, 12/1993

Molecular Biology of Lung Cancer, Seminars in Environmental Health and Molecular Carcinogenesis, Ohio State University, 04/1994

Search for candidates of lung cancer susceptibility gene(s), Pathology Grand Rounds, Medical College of

Ohio, 05/1994
Molecular Biology of Lung Cancer, Department of Biochemistry and Molecular Biology, Medical College of Ohio, 06/1994
Identification of Lung Cancer Susceptibility Genes, Basic Science Interdepartmental Seminar, Medical College of Ohio, 11/1994 - Present
Application of two-dimensional gel electrophoresis of DNA to cancer research, Department of Physiology & Molecular Medicine, Medical College of Ohio, Toledo, OH, 03/1996
The study of lung cancer genes: the recent progress, Basic Science Interdepartmental Seminar, Medical College of Ohio, 03/1996
DNA typing - Genetic basis and case review, Pathology Grand Rounds, Medical College of Ohio, 01/1997
Identification of lung cancer susceptibility genes, Department of Pharmacology, Medical College of Ohio, Toledo, OH, 01/1997
Linkage analysis of lung cancer gene(s) using familial lung cancer families, Midwest CCOP Consortium Meeting, Sylvania, OH, 02/1997
Detection of genetic alterations and differentially expressed genes in human and rodent tumors, Research Forum, Medical College of Ohio, Toledo, OH, 04/1997
Development of genetic and epigenetic markers for use in cancer chemoprevention trials, Cleveland Clinic Cancer Center Conference, Cleveland Clinic, Cleveland, OH, 04/1997
K-ras activation and expression in mouse lung tumors, Second International Mouse Lung Tumorigenesis Symposium, Columbus, OH, 06/1997
Genetic basis of lung tumor susceptibility in mice and humans, Department of Cancer Biology, The Lerner Research Institute, The Cleveland Clinic Foundation, Cleveland, OH, 04/1998
The Kras2 and Cdkn1b are candidates for the Pas1 locus, a major mouse lung tumor susceptibility QTL, Cancer Genetics Program, Ohio State University James Cancer Hospital and Solove Research Institute, Columbus, OH, 08/1999
Genetic variation of cyclin-dependent kinase inhibitors segregates with lung cancer susceptibility, Department of Environmental Health, University of Cincinnati, Cincinnati, OH, 10/1999
Molecular genetics of mouse lung tumors, Department of molecular virology, immunology, and medical genetics, Ohio State University College of Medicine and Public Health, Columbus, OH, 11/1999
Genetic basis of lung cancer susceptibility, Department of Biological Chemistry, University of Michigan Medical School, Ann Arbor, MI, 11/1999
Functional analysis of the wild type K-ras during mouse lung carcinogenesis, 3rd International Mouse Lung Carcinogenesis Symposium, Toledo, OH, 06/2000
Functional analysis of cancer genes during mouse lung carcinogenesis, Molecular Biology & Cancer Genetics Program, Ohio State University Comprehensive Cancer Center, Columbus, OH, 08/2000
The Use of Transgenic Mouse Models in Carcinogenesis and Chemoprevention Studies, Molecular Carcinogenesis & Chemoprevention Program, Ohio State University Comprehensive Cancer Center, 05/2002
Recent Progress in Cancer Chemoprevention, Speaking of Women's Health Conference, Chase Park Plaza, St. Louis, MO, 05/2003
Kras2 and lung carcinogenesis, Cancer Genetics Seminar Series, The Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 05/2003
Chemoprevention of lung cancer, Marketing, PR, and Physician Services, The Alvin J. Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine, St. Louis, MO, 05/2003
Chemoprevention, Second Annual Colorectal Cancer Conference entitled "Recent Advancement in Colorectal Cancer", Washington University School of Medicine, St. Louis, MO, 09/2003
Chemoprevention of cancer in mouse models, Cervical SPORE meeting, The Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 09/2003
Genetic Modifiers of Lung Cancer Induction, Lung Biology Conference, Division of Pulmonary & Critical Care Medicine, Washington University School of Medicine, St. Louis, MO, 04/2004
Recent advances in cancer chemoprevention, Women & Science Lecture Series, The Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 06/2004
Cancer Chemoprevention, Community Advisory Board meeting, The Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 06/2004
Cancer Chemoprevention, Cancer Research and Prevention Seminar, Junior League of St. Louis, MO, 07/2004

Cancer Chemoprevention, Advances in the Biology, Diagnosis and Treatment of Solid Tumor and Hematologic Malignancies, St. Louis History Museum, Sponsored by Washington University School of Medicine, St. Louis, MO, 09/2004

Chemoprevention of lung cancer, Greater Missouri Leadership Challenge, The State of Missouri, Hosted by The Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 11/2004

Mouse Models of Lung Cancer: Application to Chemoprevention, Cancer Genetics Seminar Series, Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 06/2005

Genetic mapping and identification of lung cancer susceptibility genes in the mouse, Department of Environmental Health, University of Cincinnati, Cincinnati, OH, 01/2006

Chemoprevention Studies Using Mouse Models of Lung Cancer, Division of Comparative Medicine, Washington University School of Medicine, St. Louis, MO, 03/2006

Chemoprevention of lung cancer – Promising Agents, Barbara Ann Karmanos Cancer Institute, Grand Round Seminar Series, Wayne State University, Detroit, MI, 03/2006

6q Candidates and EGFR mutations in familial lung cancer pedigrees, GELCC meeting, Mayo Clinics, Rochester, MN, 04/2006

Lung Cancer Chemoprevention, 2006 Cancer Patient Education Network (CPEN) Conference, St. Louis, MO, 10/2006

Cancer Chemoprevention, Tumor Committee, Siteman Cancer Center, St. Louis, MO, 11/2006

Chemoprevention and Partnerships with Missouri Botanical Garden and Danforth Plant Science Center, Chemoprevention and Partnerships with Missouri Botanical Garden and Danforth Plant Science Center, St. Louis, MO, 03/2007

Chemoprevention of lung cancer: mouse models and new agents, Lovelace Respiratory Research Institute, Albuquerque, NM, 07/2007

Genetic predisposition to lung cancer, Department of Pathology, Feinberg School of Medicine, Northwestern University, Chicago, IL, 02/2008

The Genetic Basis of Human Lung Cancer, Surgery Grand Rounds, Visiting Professor at the University of Cincinnati, Cincinnati, OH, 09/2009

Molecular pathogenesis of lung cancer, School of Medicine, University of Missouri, Kansas City, MO, 11/2009

Genetic Susceptibility and Chemoprevention of Lung Cancer, Mary Culver Distinguished Professor of Surgery Installation Lecture, Washington University School of Medicine, St. Louis, MO, 02/2010

Molecular Genetics of Lung Cancer, Mayo Clinics, Rochester, MN, 10/2010

National

Activation of Proto-oncogenes in Mouse Model Systems, Symposium on Mouse Pulmonary Carcinogenesis, National Institute of Environmental Health Sciences, Research Triangle Park, NC, 03/1990

Mutational Activation of the K-ras Proto-oncogene in Mouse Lung Tumors, Symposium on Pulmonary Pathobiology, 74th Annual Meeting of Federation of American Societies for Experimental Biology, Washington, DC, 04/1990

Genetic Alterations During Mouse Lung Carcinogenesis, 1990 Ohio Valley and Lake Erie Cancer Conference, Purdue University, West Lafayette, IN, 09/1990

Molecular Genetics of Mouse Lung Tumorigenesis, Department of Chemical Biology and Pharmacognosy, Rutgers University, Piscataway, NJ, 07/1991

Parental Origin of K-ras Oncogenes Detected in Lung Tumors from Mouse Hybrids, Symposium on Genetics of Cancer Susceptibility, 83rd Annual Meeting of the American Association for Cancer Research, San Diego, CA, 05/1992

San Diego, CA, National Heart, Lung, and Blood Institute, Bethesda, MD, 09/1992

Mechanism of lung tumor susceptibility in mice, Department of Chemical Biology and Pharmacognosy, Rutgers University, Piscataway, NJ, 04/1993

Genomic Scanning of Intraepithelial Neoplasia, A conference on Prospects for Chemoprevention in Cohorts with Cancer Risk Markers", Easton, MD, 10/1995

Molecular Genetics of Mouse Lung Tumors, Laboratory of Molecular Carcinogenesis, National Institute of Environmental Health Sciences, Research Triangle Park, N.C., 12/1995

Characterization of mouse lung tumor susceptibility genes, 1996 Fall Pharmaceutical Sciences Seminar, University of Colorado, Denver, CO, 12/1996

Detection of differentially expressed genes in rodent tumors, Cancer Prevention and Control Colloquium,

National Cancer Institute, National Institutes of Health, Bethesda, MD, 05/1999

Cell cycle regulators and mouse lung tumorigenesis, Department of Cancer Biology and Comprehensive Cancer Center of Wake Forest University, Winston-Salem, NC, 11/1999

The role of wild type K-ras in carcinogenesis, Laboratory of Comparative Carcinogenesis, National Cancer Institute, National Institutes of Health, Frederick, MD, 11/2000

Wild type K-Ras is a lung tumor suppressor gene, Lung Cancer Workshop, Sponsored by Mouse Models of Human Cancers Consortium, National Cancer Institute, Boston, MA, 06/2001

Wild type K-Ras can inhibit lung carcinogenesis in mice, Laboratory of Molecular Carcinogenesis, National Institute of Environmental Health Sciences, Research Triangle Park, N.C., 01/2002

Genetic Basis of Lung Tumor Development and Progression in Mice, Department of Pharmaceutical Sciences, Toxicology Graduate Program Series, University of Colorado, Denver, CO, 09/2003

Genetic Epidemiology of Lung Cancer Consortium, Modeling Human Lung Cancer in Mice: 4th International Mouse Lung Tumorigenesis Symposium, Jackson Laboratory, Bar Harbor, ME, 10/2003

Fine mapping and identification of candidate Pas1 genes, Modeling Human Lung Cancer in Mice: 4th International Mouse Lung Tumorigenesis Symposium, Jackson Laboratory, Bar Harbor, ME, 10/2003

Recent Advances in Cancer Chemoprevention, First Annual Cancer Prevention Conference, American Society of Cancer Control and Prevention, Audrain Medical Center, Mexico, MO, 11/2003

Genetic Modifiers of Mouse Lung Carcinogenesis, Center for Molecular Medicine Seminar Series 2003-2004, University of Connecticut Health Center, Farmington, CT, 03/2004

Positional cloning of the major quantitative trait locus underlying lung tumor susceptibility in mice, Nelson Institute of Environmental Medicine, New York University School of Medicine, Tuxedo, NY, 04/2004

Pas1 mouse lung tumor modifier genes, Mouse Lung Carcinogenesis Mini-Symposium, Laboratory of Molecular Carcinogenesis, National Institute of Environmental Health Sciences, Research Triangle Park, NC, 06/2004

Chemoprevention of Lung Cancer in Mouse Models, Molecular Pathogenesis of Lung Cancer: Opportunities for Translation to the Clinic” AACR Special Meeting, San Diego, CA, 02/2005

Inhibitors of Pulmonary Carcinogenesis in Mice, Eppley Institute for Cancer Research, University of Nebraska Medical Center, Omaha, NE, 03/2005

Mouse Modeling for Human Lung Cancer Predisposition Genes, AACR 2005 Annual Meeting, Anaheim, CA, 04/2005

A mouse lung squamous cell carcinoma model for cancer chemoprevention studies, American Thoracic Society 2005 Annual meeting, San Diego, CA, 05/2005

Chemoprevention of lung cancer in mice, University of Pittsburgh Cancer Institute/Hillman Cancer Centre, Pittsburgh, PA, 05/2005

Genetics of Lung Cancer Susceptibility, 1st Annual Conference on Genetics and Genomics Environmental Disease Models, National Institute of Environmental Health Sciences, Research Triangle Park, NC, 10/2005

Application of Mouse Lung Tumor Models Chemoprevention Studies, Cancer Prevention and Control Colloquium, National Cancer Institute, National Institutes of Health, Bethesda, MD, 11/2005

Progress on identification of candidates for the major human lung cancer susceptibility locus located on chromosome 6q, GELCC Consortium Meeting, National Genome Research Institute, NIH, Baltimore, MD, 11/2005

Role of Imaging in Chemoprevention Studies, Oncologic Imaging Retreat, The Alvin J. Siteman Cancer Center, Washington University School of Medicine, St. Louis, MO, 12/2005

Transgenic mouse models for chemoprevention studies of lung cancer, Biomarkers, Genetics & Chemoprevention Seminar Series, University of Louisville, Louisville, KY, 12/2005

Chemoprevention of lung cancer, Cancer Chemoprevention Symposium, Hollings Cancer Center, Medical University of South Carolina, Charleston, SC, 03/2006

Mechanisms of mouse lung carcinogenesis, Jackson Laboratory Discovery Strategies Conference, Laboratory Mouse in Translational Cancer Research and Discovery” Club Quarters, New York City, NY, 05/2006

Whole-genome association analyses identify candidate genes that confer genetic susceptibility to tobacco smoke-induced lung tumorigenesis using inbred mice, 10th International Inhalation Symposium, Hanover, PA, 05/2006

Mechanism of Mouse Lung Carcinogenesis, 15th Annual Short Course on Experimental Genetic of the Laboratory Mouse in Cancer Research, 08/20/2006 - 08/30/2006

Identification of lung cancer susceptibility genes in mice, Gastrointestinal Medical Oncology, University of Texas M.D. Anderson Cancer Center, Houston, TX, 08/2006

Genome-Wide Association Studies of Genetic Predisposition to Lung Cancer, Amgen SF, South San Francisco, CA, 10/2006
Inhibition of pulmonary carcinogenesis in mouse models of lung cancer by antitumor B, 2006 AACR - Frontiers in Cancer Prevention conference, Boston, MA, 11/12/2006 - 11/15/2006
In silico mapping of complex quantitative traits in inbred mice, National Institute of Environmental Health Sciences, Research Triangle Park, NC, 07/2007
Genetic Variation and Risk for Lung Cancer, Department of Environmental and Occupational Health, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA, 05/2008
Chemoprevention of Lung Cancer Using Chemically Induced Mouse Models, NCI - Molecular Targets for Cancer Prevention Conference, National Cancer Institute, National Institutes of Health, Bethesda, MD, 02/2009
Genetic Susceptibility to Lung Cancer, Basic Research Grand Rounds, Moffitt Cancer Center, Tampa, FL, 02/2009
Genetic Predisposition to Lung Cancer, Prevention Grand Rounds Seminar, Roswell Park Cancer Institute, Division of Cancer Prevention & Population Sciences, Buffalo, NY, 04/2009
Chemoprevention of lung cancer by naturally-occurring and synthetic compounds, OCCAM Monthly Lecture Series, National Cancer Institute, National Institutes of Health, Bethesda, MD, 05/2009
Understanding effects of nicotinic receptors on dependence and disease through mouse models, AACR 101st Annual Meeting 2010: New Concepts in Organ Site Research Sessions, Washington, DC, 04/2010

International

Cancer and Mutation in Humans, International Meeting on Basic Mechanisms of Mutation, York University, Toronto, Canada, 07/1989
Genomic Instability as Surrogate Endpoint Biomarkers for Chemoprevention Studies, International Conference on Cancer Chemoprevention: Surrogate Endpoint Biomarkers in Short-Term Clinical Trials, Beijing, China, 10/1994
Development of genetic and epigenetic markers for use in chemoprevention trials: use of mouse lung tumorigenesis as a model system, International Cancer Chemoprevention Conference: Short-Term Clinical Trials, Beijing, China, 10/1996
Mouse model for human lung cancer, International Livestock Research Institute, Nairobi, Kenya, 11/1998
Genetic control of mouse lung tumorigenesis, MRC Toxicology Unit, University of Leicester, Leicester, UK, 01/1999
New Molecular Tools and Animal Models, Tenth World Conference of Lung Cancer, Vancouver, Canada, 08/2003
Cancer Chemoprevention, Department of Biological Sciences & Biotechnology, Tsinghua University, Beijing, China, 10/2005
Lung Cancer Susceptibility Genes in Mice and in Humans, National Cancer Center Research Institute, Tokyo, Japan, 10/2005
Development of TCM as Cancer Chemopreventive Agents using Mouse Models of Lung Cancer, 7th ACPA International Conference on Legacy and Innovation in Traditional Chinese Medicine (TCM) and Medical Herbs, Nanjing, China, 10/2007
Chemoprevention of Lung Cancer by a Mixture of Chinese Herbs, Hong Kong Baptist University, Hong Kong, 10/2008
Mouse Models for Lung Cancer Research, HD Biosciences (China) Co.,Ltd, Shanghai, China, 10/2009
Current Progress in Lung Cancer Research, Tianjin Lung Cancer Institute, Tianjing Medical University, Tianjing, China, 10/2009

RESEARCH INTERESTS:

Lung Cancer Chemoprevention
Molecular Pathogenesis of Lung Cancer
Susceptibility Genes for Rodent and Human Lung Cancer

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Stoner, G.D., You, M., Morgan, M., and Superzynski, M. Lung tumor induction in strain A mice with benzotrichloride. *Cancer Lett*, 33:167, 1986.

2. Stoner, G.D., You, M., Budd, C., Pansky, B., Skouv, J., Wang, Y. Detection of oncogene mRNA sequences in cultured cells by in situ hybridization. *Ann. Clin. Lab. Sci.*, 17:74-80, 1986.
3. You, M., Reynolds, S.H., Maronpot, R.R., Stoner, G.D., and Anderson, M.W. Activated oncogenes in rodent and human lung tumors. In: *Biology, Toxicology, and Carcinogenesis of Respiratory Epithelium* (Thomassen, D.G. and Nettesheim, P., eds), Hemisphere Publishing Co., pp. 271-287, 1989.
4. You, M., Candrian, U., Maronpot, R.R., Stoner, G.D., and Anderson, M.W. Activation of the K ras gene in spontaneously occurring and chemically-induced strain A mouse lung tumors. *Proc. Natl. Acad. Sci.*, 86:3070-3074, 1989.
5. Wang, Y., You, M., Reynolds, S.H., Stoner, G.D., and Anderson, M.W. Mutational activation of cellular Harvey ras gene in methylbenzyl nitrosamine-induced Fisher 344 rat esophageal papillomas. *Cancer Res.*, 50:1591-1595, 1989.
6. Anderson, M.W., You, M., and Reynolds, S.H. Proto-oncogenes activation in rodent and human tumors. *Adv. Exp. Med. & Biol.*, 283:235-243, 1990.
7. You, M., Wang, Y., Stoner, G.D., You, L., Maronpot, R.R., and Anderson, M.W. (1990). Activation of proto-oncogenes in mouse model systems. *Exp. Lung Res.*, 17:389-400, 1991.
8. Stoner, G.D., Kaighn, M.E., Reddel, R.R., Resau, J.H., Bowman, D., Naito, Z., Matzukura, N., You, M., Galati, A.J., and Harris, C.C. Establishment and characterization of SV40 T-antigen immortalized human esophageal epithelial cells. *Cancer Res.*, 51:365-371, 1991.
9. Candrian, U., You, M., Reynolds, S.H., Maronpot, R.R., and Anderson, M.W. Activation of proto oncogenes in spontaneously occurring non liver tumors of the B6C3F1 mouse. *Cancer Res.*, 51:1148-1153, 1991.
10. You, M., Wang, Y., Stoner, G.D., You, L., Maronpot, R.R., Reynolds, S.H. and Anderson, M.W. Parental bias of K-ras oncogenes detected in lung tumors from mouse hybrids. *Proc. Natl. Acad. Sci.*, 89:5804-5808, 1992.
11. Taylor, J.A., Li, Y., You, M., Wilcox, A.J. and Liu, E. B region variant of the estrogen receptor gene. *Nucleic Acid Res.*, 20:2895, 1992.
12. Reynolds, S.H., Wiest, J.S., Devereaux, T.R., Anderson, M.W., and You, M. Proto-oncogene activation in spontaneously occurring and chemically induced rodent and human lung tumors. *Prog. Clin. & Biol. Res.* 376:303-320, 1992.
13. You, M., Wang, Y., Lineen, A., Gunning, W., Stoner, G.D. and Anderson, M. Mutagenesis of the K-ras protooncogene in mouse lung tumors induced by N-ethyl-N-nitrosourea or N-nitrosodiethylamine. *Carcinogenesis*, 13:1583-1586, 1992.
14. Anderson, M.W., Reynolds, S.H., You, M., and Maronpot, R.M., Role of proto-oncogene activation in carcinogenesis. *Env. Health Persp.* 98:13-24, 1992.
15. Wang, Y., Wang, Y., Stoner, G.D. and You, M. Ras mutations in 2-acetylaminofluorene-induced lung and liver tumors from C3H and (C3H x A/J)F1 mice. *Cancer Res.* 53:1620-1624, 1993.
16. You, M., Wang Y., Nash, B. and Stoner, G.D. K-ras mutations in benzotrichloride-induced lung tumors of A/J mice. *Carcinogenesis*, 14:1247-1249, 1993.
17. Taylor, J.A., Wilcox, A.J., Bowes, W.A., Li, Y., Liu, E.T. and You, M. A common variant of the estrogen receptor gene and risk of miscarriage. *Am. J. of Epidemiol.*, 137:1361-1364, 1993.
18. Lineen, A.M. and You, M. Detection of B-cell and T-cell lineage in lymphoid neoplasms. In: *Seminar on Advances in the Laboratory Diagnosis of Cancer and their Clinical Applications*, (Sunderman, F.W., ed), Institute for Clinical Science, Inc., Philadelphia, pp. 117-130, 1993.
19. Lineen, A.M. and You, M. Typing of human papilloma virus in cervical biopsies and pap smears. In: *Seminar on Advances in the Laboratory Diagnosis of Cancer and their Clinical Applications*, (Sunderman, F.W., ed), Institute for Clinical Science, Inc., Philadelphia, pp. 151-156, 1993.
20. Wang, Y. and You, M. Detection and identification of ras and p53 gene mutations in tumors. In: *Seminar on Advances in the Laboratory Diagnosis of Cancer and their Clinical Applications*, (Sunderman, F.W., ed), Institute for Clinical Science, Inc., Philadelphia, pp. 109-116, 1993.
21. Lin, D. Wang, Y., Taylor, D., Lehman P., and You, M. Analysis of somatic mutations in tumors by DNA or RNA fingerprinting. In: *Seminar on Advances in the Laboratory Diagnosis of Cancer and their Clinical Applications* (Sunderman, F.W., ed), Institute for Clinical Science, Inc., Philadelphia, pp. 97-108, 1993.
22. Chen, B., Liu, L., Castonguy, A., Maronpot, R.R., Anderson, M.W., and You, M. Dose-dependent ras mutation spectra in N-nitrosodiethylamine-induced mouse liver tumors. *Carcinogenesis*, 14:1603-1608, 1993.
23. Herzog, C.R., Schut, H.A.J., and You, M. Ras mutations in 2-amino-3-methylimidazo[4,5-f]quinoline-induced lung tumors from the CDF1 mouse. *Mol. Carcinogenesis*, 8:202-207, 1993.

24. Chen, B., Johanson, L., Wiest, J.S., Anderson, M.W., and You, M. The second intron of the K-ras gene contains regulatory elements associated with mouse lung tumor susceptibility. *Proc. Natl. Acad. Sci. USA*, 91:1589-1593, 1994.
25. Malkinson, A.M. and You, M. The oncospace hypothesis: the intronic structure of cancer-related genes regulates susceptibility to cancer. *Mol. Carcinogenesis*, 10:61-65, 1994.
26. Herzog C.R., Wiseman, R.W., and You, M. Deletion mapping of a putative tumor suppressor gene on chromosome 4 in mouse lung tumors. *Cancer Res.*, 54:4007-4010, 1994.
27. Matziner, S.A., Gunning, W.T., You, M., and Castonguay, A. K-ras mutations in 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-initiated and butylated hydroxytoluene promoted lung tumors in A/J mice *Mol. Carcinogenesis*, 11:42-48, 1994.
28. Chen, B., You, L., Wang, Y., Stoner, G.D. and You, M. Allele-specific activation and expression of the K-ras gene in hybrid mouse lung tumors induced by chemical carcinogens. *Carcinogenesis*, 9:2031-2035, 1994.
29. Herzog, C.R., Wang, Y. and You, M. Allelic loss of distal chromosome 4 in mouse lung tumors localize a putative tumor suppressor gene to a region homologous with human chromosome 1p36. *Oncogene*, 11:1811-1815, 1995.
30. Matzinger, S., Crist, K., Pereira, M.A., Lubet, R.A., Steele, V.E., Kelloff, G.J., and You, M. K-ras mutations in lung tumors from A/J and A/J X TSG-p53 mice treated with 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and phenethyl isothiocyanate. *Carcinogenesis*, 16:2487-2492, 1995.
31. Liu, J., Wang, Y., Gu, P., Patrick, J., Crist, K.A., Sabourin, C., Stoner, G.D., Mitchell, M.F., Fanning, J.D., Kim, K., Goldblatt, P.J., Kelloff, G.J., Boone, C.W., and You, M. Detection of Genomic Alterations in Human Cervical Cancer by Two-Dimensional Gel Electrophoresis. *J. Cell. Biochem.*, 25S:41-48, 1996.
32. Crist, K.A., Kim, K., Goldblatt, P.J., Boone, C.W., Kelloff, G.J., and You, M. DNA Quantitation in Cervical Intraepithelial Neoplasia Thick Tissue Sections by Confocal Laser Scanning Microscopy. *J. Cell. Biochem.*, 25S:49-56, 1996.
33. Crist, K. Fuller, R., Chaudhuri, B., Chaudhuri, P., and You, M. P53 accumulation in N-methyl-N-nitrosourea-induced rat mammary tumors. *Toxicol. Path.*, 24:370-375, 1996.
34. Herzog, C.R., Chen, B., Wang, Y., Schut, H.A.J., and You, M. Loss of heterozygosity on chromosomes 1, 11, 12, and 14 in hybrid mouse lung carcinomas. *Molecular Carcinogenesis*, 16:83-90, 1996.
35. Herzog, C.R., Soloff, E.V., Tyson, F.L. Wiseman, R.W., Anderson, M.W., Malkinson, A., and You, M. Homozygous codeletion and differential decreased expression of p15INK4b, p16INK4a-?, p16INK4a-? in mouse lung tumor cells. *Oncogene*, 13:1885-1892, 1996.
36. Soloff, E. V, Herzog, C. R., and You, M. The 5'-flanking region of the mouse E1? form of the p16INK4a (MTS1) gene. *Gene*, 180:213-215, 1996.
37. Lantry, L.E., Zhang, Z., Gao, F., Crist, K.A., Kelloff, G.J., Lubet, R.A., and You, M. Chemopreventive effect of perillyl alcohol on 4-(methylnitrosoamino)-1-(3-pyridyl)-1-butanone-induced tumorigenesis in (C3H/HeJ x A/J)F1 mouse lung. *J. Cell. Biochem.*, 27S:20-25, 1997.
38. Crist, K.A., Wang, Y., Steele, V.E., Kelloff, G.J., Lubet, R.A., and You, M. Effect of early vs. late administration of 4-hydroxyphenylretinamide (4-HPR) on N-methyl-N-nitrosourea (NMU) induced mammary tumorigenesis. *J. Cell. Biochem.*, 27S:92-99, 1997.
39. Herzog, C. R. and You, M. Sequence Variation and Chromosomal Mapping of the Murine p16INK4a Tumor Suppressor Gene. *Mammalian Genome*, 8:65-66, 1997.
40. Matzinger, S.A., Chen, B., Wang, Y., Crist, K.A., Stoner, G.D., Kelloff, G.J., Lubet, R.A., and You, M. Tissue-specific expression of the K-ras allele from the A/J parent in (A/J X TSG-p53)F1 mice. *Gene*, 188:261-269, 1997.
41. Naggert, J.K., Svenson, K.I., Lin, L., Cheah, Y.-C., Nishina P.M., Mu, J.-L., Devereux, T.R., You, M., and Paigen, B. An Additional 137 SSLP Markers Typed for the AXB and BXA Recombinant Inbred Mouse Strains, *Mamm. Genome*, 8:209-211, 1997.
42. Devereux, T.R., Anna, C.H., Patel, A.C., White, C.M., Festing, M.F.W., and You, M. Smad4 (homolog of human DPC4) and Smad2 (homolog of human JV18-1): candidates for murine lung tumor resistance and suppressor genes. *Carcinogenesis*, 18:1751-1755, 1997.
43. Hu, L., Lin, L., Kelloff, G.J., Steele, V.E., Lubet, R.A., You, M., and Wang, Y. Detection of differentially expressed genes in methylnitrosourea-induced rat mammary adenocarcinomas. *J. Cell. Biochem.*, 28/29S:117-124, 1997.
44. Herzog, C.R., Lubet, R.A., and You, M. Genetic epigenetic alterations in mouse lung tumors: implications

- for cancer chemoprevention. *J. Cell. Biochem.*, 28/29S:49-63, 1997.
45. Oreffo, V.I.C., Robinson, S., You, M., Wu, M., and Malkinson, A.M. Decreased expression of adenomatous polyposis (APC) and mutated in colon cancer (MCC) genes in mouse lung neoplasia. *Molecular Carcinogenesis*, 21:37-49, 1998.
 46. Lubet, R.A., Gordon, G.M., Prough, R.A., Lei, X-D., You, M., Wang, Y., Grubbs, C.J., Steele, V.E., Kelloff, G.J., Thomas, C.F., and Moon, R.D. Modulation of methylnitrosourea-induced breast cancer in Sprague-Dawley rats by dehydroepiandrosterone: dose-dependent inhibition, effects of limited exposure, effects on peroxisomal enzymes, and lack of effects on levels of Ha-Ras mutations. *Cancer Res.*, 58:921-926, 1998.
 47. Lin, L., Festing, M.F., Devereux, T.R., Crist, K.A., Christiansen, S.C., Wang, Y., Yang, A., Svenson, K., Paigen, Malkinson, A.M., and You, M. Additional evidence that the K-ras protooncogene is a candidate for the major mouse pulmonary adenoma susceptibility (Pas1) gene. *Exp Lung Res*, 24:481-497, 1998.
 48. Liu, Q., Wang, Y., Crist, K.A., Wang, Z.Y., Lou, Y.R., Huang, M.T., Conney, A.H., and You, M. Effect of green tea on p53 mutation distribution in ultraviolet B radiation-induced mouse skin tumors. *Carcinogenesis*, 19:1257-1262, 1998.
 49. Lubet, R.A., Steele, V.E., DeCoster, R.C., Bowden, C., You, M., Juliana, M., Eto, I., Kelloff, G.J., and Grubbs, C.J. Chemopreventive effects of the aromatase inhibitor vorozole (R 83842) in the methylnitrosourea (MNU)-induced mammary cancer model in Sprague Dawley rats. *Carcinogenesis*, 19:1345-1351, 1998.
 50. Sabourin, C.L., Wang, Q.S., Ralston, S.L., Evans, J., Coate, J., Herzog, C.R., Jones, S.L., Weghorst, C.M., Kelloff, G.J., Lubet, R.A., You, M., Stoner, G.D. Expression of cell cycle proteins in 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced mouse lung tumors. *Exp Lung Res*, 24:499-521, 1998.
 51. Festing, M.F.W., Lin, L., Devereux, T.R., Gao, F., Yang, A., Anna, C.H., White, C.M., Malkinson, A.M., and You, M. At least four loci and gender are associated with susceptibility to the chemical induction of lung adenomas in A/J X BALB/c mice. *Genomics*, 53:129-136, 1998.
 52. You, M. and Bergman, G. Preclinical and clinical models of lung cancer chemoprevention. *Hematol Oncol Clin North Am*, 12:1037-1053, 1998.
 53. Lantry, L.E., Zhang, Z., Crist, K.A., Wang, Y., Kelloff, G.J., Lubet, R.A., and You, M. 5-Aza-2'-deoxycytidine is chemopreventive in a 4-(methyl-nitrosamino)-1-(3-pyridyl)-1-butanone-induced primary mouse lung tumor model. *Carcinogenesis*, 20:343-346, 1999.
 54. Herzog, C.R., Noh, S., Lantry, L.E., Guan, K-L., and You, M. Cdkn2a Encodes Functional Variation of p16INK4a, but not p19ARF, Which Confers Selection in Mouse Lung Tumorigenesis. *Mol. Carcinogenesis*, 25:92-98, 1999.
 55. Lubet, R.A., Zhang, Z., Wiseman, R.W. and **You M.** Use of p53 transgenic mice in the development of cancer models for multiple purposes. *Exp. Lung Res.*, 26:581-594, 2000.
 56. Zhang, Z., Lin, L., Liu, G., Wang, M., Hill, J., Wang, Y., You, M., and Devereux, T.R. Fine mapping and characterization of candidate lung tumor resistance genes for the Par2 locus on mouse chromosome 18. *Exp. Lung Res.*, 26:627-640, 2000.
 57. Lantry, L.E., Zhang, Z., Yao, R., Crist, K.A., Wang, Y., Ohkanda, J., Hamilton, A.D., Sebti, S.M., Kelloff, G.J., Lubet, R.A., and You, M. Effect of farnesyltransferase inhibitor FTI-276 on established lung adenomas from A/J mice induced by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. *Carcinogenesis*, 21:113-116, 2000.
 58. Zhang, Z., Liu, Q., Lantry, L.E., Wang, Y., Kelloff, G.J., Anderson, M.W., Wiseman, R.W., Lubet, R.A., and You, M. A germline p53 mutation accelerates pulmonary tumorigenesis: p53-independent efficacy of chemopreventive agents green tea or dexamethasone/myo-inositol and chemotherapeutic agents taxol or adriamycin. *Cancer Res.*, 60:901-907, 2000.
 59. Liu, J., Gu, P., Bergman, G., Kelloff, G.J., Boone, C.W., You, M., and Wang, Y. Detection of genetic alterations in mouse lung adenocarcinomas by two-dimensional gel electrophoresis. *Exp. Lung Res.*, 26:651-658, 2000.
 60. Yao, R., Rioux, N., Castonguay, A., and You, M. Inhibition of Cox-2 and induction of apoptosis: Two determinants of nonsteroidal anti-inflammatory drugs' chemopreventive efficacies in mouse lung tumorigenesis. *Exp. Lung Res.*, 26:731-742, 2000.
 61. Lantry, L.E., Zhang, Z., Crist, K.A., Wang, Y., Hara, M., Zeeck, A., Lubet, R.A., and You, M. Chemopreventive efficacy of promising farnesyltransferase inhibitors. *Exp. Lung Res.*, 26:773-790,

- 2000.
62. Shilkaitis A, Graves J, Mehta RR, Hu L, **You M**, Lubet R, Steele V, Kelloff G, Christov K. Bcl-2 and Bax are differentially expressed in hyperplastic, premalignant, and malignant lesions of mammary carcinogenesis. *Cell Growth Differ*, 11:437-445, 2000.
 63. Herzog, C.R., Crist, K.A., Sabourin, C.L.K., Kelloff, G.J., Boone, C.W., Stoner, G.D., You, M. Chromosome 3p Tumor Suppressor Gene Alterations in Cervical Carcinomas. *Mol. Carcinogenesis*, 30:159-168, 2001.
 64. McDoniels-Silvers, A.L., Herzog, C.R., Tyson, F.L., Malkinson, A.M., and You, Ming. Inactivation of both Rb and p53 pathways in mouse lung epithelial cell lines. *Exp. Lung Res.*, 27:297-318, 2001.
 65. Wang, Y., You, M., and Wang, Y. Alternative splicing of the K-ras gene in mouse tissues and cell lines. *Exp. Lung Res.*, 27:255-268, 2001.
 66. Lin, L., Wang, Y., Bergman, G., Kelloff, G.J., Lubet, R.A., and You, M. Detection of differentially expressed genes in mouse lung adenocarcinomas. *Exp. Lung Res.*, 27:217-230, 2001.
 67. Mamay, C.L., Schauer, I.E., Rice, P.L., Dwyer-Nield, L.D., You, M., Sclafani, R.A., Malkinson, A.M. Cyclin D1 as a proliferative marker regulating retinoblastoma phosphorylation in mouse lung epithelial cells. *Cancer Lett.*, 168:165-172, 2001.
 68. Zhang, Z., Wang, Y., Vikis, H.G., Johnson, L., Anderson, M.W., Sills, RC., Devereux, TR., Jacks, T., Guan, KL., and You, M. Wild-Type K-Ras Can Inhibit Lung Carcinogenesis in Mice. *Nature Genetics*, 29:25-33, 2001.
 69. Wang, Y., Hu, L., Yao, R., Crist, KA., Grubbs, GJ., Lubet, RA., You, M. Altered Gene Expression Profile in Chemically Induced Rat Mammary Adenocarcinomas. *Oncogene*, 20:7710-7721, 2001.
 70. Yao, R., Wang, Y., and You, M. Chromosomal mapping and sequence variation of the murine Nore1 Ras effector gene. *Cytogenetics and Cell Genetics*, 95:126-128, 2001.
 71. Pohlod-Miller, S., Fanning, J., Gu, P., Crist, K.A., and You, M. Detection of Genomic Alterations in Human Endometrial Cancer by Two-Dimensional Gel Electrophoresis. *Am. J. Obstet. & Gynecol.*, 186(5 Pt 1):855-857, 2002.
 72. McDoniels-Silvers, A.L., Stoner, G.D., Lubet, R.A., and You, M. Differential Expression of Critical Cellular Genes in Human Lung
 73. Adenocarcinomas and Squamous Cell Carcinomas in Comparison to Normal Lung Tissues. *Neoplasia*, 4:141-150, 2002.
 74. McDoniels-Silvers, A.L., Nimri, C.F., Stoner, G.D., Lubet, R.A., and You, M. Differential gene expression in human lung adenocarcinomas and squamous cell carcinomas. *Clinical Cancer Research*, 8:1127-1138, 2002.
 75. Yao, R., Wang, Y., Lubet, R.A., You, M. Differentially expressed genes associated with mouse lung tumor progression. *Oncogene*, 21:5814-5821, 2002.
 76. Zhang, Z., Li, L., Lantry, L.E., Wang, Y., Wiseman, R.W., Lubet, R.A., and You, M. p53 transgenic mice are highly susceptible to carcinogen-induced uterine sarcomas. *Cancer Res.*, 62:3024-3029, 2002.
 77. William J Lemon, Heike Benert, Hao Sun, Yian Wang, and Ming You Identification of candidate lung cancer susceptibility genes in mice using oligonucleotide arrays. *J Med Genet*, 39: 639-643, 2002.
 78. Zhongqiu Zhang, Yian Wang, Christopher R. Herzog, Gongjie Liu, Han-Woong Lee, Ronald A. DePinho, and Ming You. A strong candidate gene for the Papg1 locus on mouse chromosome 4 affecting lung tumor progression. *Oncogene*, 21:5960-5966, 2002.
 79. Daolong Wang, William J. Lemon, and Ming You. Linkage Disequilibrium Mapping of Novel Lung Tumor Susceptibility Quantitative Trait Loci in Mice. *Oncogene*, 21:6858-6865, 2002.
 80. Christopher R. Herzog, Theodora Devereux, and Ming You. Carcinogenic-Induction Increases Genome-wide Loss of Heterozygosity and Alters the Profile of Allelic Losses Selected during Mouse Lung Tumorigenesis. *Cancer Res.*, 62:6424-6429, 2002.
 81. Konstantin Christov, Amy Ikui, Anne Shilkaitis, Albert Green, Ruisheng Yao, Ming You, Clinton Grubbs, Vernon Steele, Ronald Lubet, I. Bernard Weinstein. Cell Proliferation, Apoptosis, and Expression of Cyclin D1 and Cyclin E as Potential Biomarkers in Tamoxifen-Treated Mammary Tumors. *Breast Cancer Research and Treatment*, 77:253-264, 2003.
 82. Ruisheng Yao, Yian Wang, Ronald A. Lubet, and Ming You. Differential Gene Expression in Chemically Induced Mouse Lung Adenomas. *Neoplasia*, 5: 41-52, 2003.
 83. Silvio De Flora, Roumen M. Balansky, Francesco D'Agostini, Alberto Izzotti, Anna Camoirano, Carlo Bencicelli, Zhongqiu Zhang, Yian Wang, Ronald A. Lubet, and Ming You. Molecular Alterations and Lung Tumors in p53 Mutant Mice Exposed to Cigarette Smoke. *Cancer Res*, 63: 793-800, 2003.
 84. Jie Li, Zhongqiu Zhang, Zunyan Dai, Christoph Plass, Carl Morrison, Marshall W. Anderson, Yian Wang,

- and Ming You. LOH of chromosome 12p correlates with Kras2 Mutation in Non-Small Cell Lung Cancer. *Oncogene*, 22:1243-1246, 2003.
85. Laurent L. Ozbun, Alfredo Martinez, Jerry Angdisen, Sarah Umphress, Yang Kang, Min Wang, Ming You, and Sonia B. Jakowlew. Differentially Expressed Nucleolar TGF- β 1 Target (DENTT) in Mouse Development. *Developmental Dynamics*, 226:491-511, 2003.
 86. WJ Lemon, CH Swinton, M Wang, N Berbari, Y Wang, M You. SNP Analysis of Mouse Pulmonary Adenoma Susceptibility Loci 1-4 for Identification of Candidate Genes. *J Med Genet*, 40:e36(1-7), 2003.
 87. Allison E. Bonner, William J. Lemon, and Ming You. Gene Expression Signatures Identify Novel Regulatory Pathways During Murine Lung Development: implications for lung tumorigenesis. *J Med Genet*, 40:408-417, 2003.
 88. Zhongqiu Zhang, Yian Wang, Laura E. Lantry, Elizabeth Kastens, Gongjie Liu, Andrew D. Hamilton, Said M. Sebti, Ronald A. Lubet, and Ming You. Farnesyltransferase inhibitors are potent lung cancer chemopreventive agents in A/J mice with a dominant negative p53 and/or heterozygous deletion of Ink4a/Arf. *Oncogene*, 22:6257-6265, 2003.
 89. Min Wang, William J. Lemon, Gongjie Liu, Yian Wang, Fuad A. Iraqi, Alvin M. Malkinson, and Ming You. Fine mapping and identification of candidate pulmonary adenoma susceptibility 1 genes using advanced intercross lines. *Cancer Res.* 63:3317-3324, 2003.
 90. Yian Wang, Zhongqiu Zhang, Elizabeth Kastens, Ronald A Lubet, Ming You. Mice with alterations in both p53 and Ink4a/Arf display a striking increase in lung tumor multiplicity and progression: differential chemopreventive effect of budesonide in wild type and mutant A/J mice. *Cancer Res.* 63: 4389-4395, 2003.
 91. Jie Li, Zhongqiu Zhang, Zunyan Dai, Anthony P Popkie, Christoph Plass, Carl Morrison, Yian Wang, and Ming You. RASSF1A Promoter Methylation and Kras2 Mutations in Non-Small Cell Lung Cancer. *Neoplasia*, 5:362-366, 2003.
 92. Heike Bernert, Kenji Sekikawa, Richard Radcliffe, Fuad Iraqi, Ming You and Alvin M. Malkinson. Tnfa and Il-10 deficiencies have contrasting effects on lung tumor susceptibility: Gender-dependent modulation of IL-10 haploinsufficiency. *Molecular Carcinogenesis*, 38:117-123, 2003.
 93. William J. Lemon, S. Liyanarachchi, and Ming You. A high performance test of differential gene expression for oligonucleotide arrays. *Genome Biology*, 4:R67 (1-11), 2003.
 94. Qunmin Zhou, Kotil Rammonham, Shili Lin, Nikki Robinson, Ou Li, Xingluo Liu, Xue-feng Bai, Lisa Yin, Bruce Scarberry, Ming You, Kunliang Guan, Pan Zheng, and Yang Liu. 2CD24 is a significant modifier for risk and progression of multiple sclerosis in human. *Proc. Natl. Acad. Sci.*, 100: 15041-15046, 2003.
 95. Zhongqiu Zhang, Manabu Futamura, Haris G. Vikis, Min Wang, Jie Li, Yian Wang, Kun-Liang Guan, and Ming You. Positional cloning of the major quantitative trait locus underlying lung tumor susceptibility in mice. *Proc. Natl. Acad. Sci.*, 100:12642-12647, 2003.
 96. Ronald A. Lubet, Zhongqiu Zhang, Yian Wang, and Ming You. Chemoprevention of lung cancer in transgenic mice. *Chest*, 125(5 Suppl):144S-7S 2004.
 97. Allison E. Bonner, William J. Lemon, Theodora R. Devereux, Ronald A. Lubet, and Ming You. Molecular profiling of mouse lung tumors: association with tumor progression, lung development and human lung adenocarcinomas. *Oncogene*, 23:1166-1176, 2004.
 98. Wang Y, Zhang Z, Yan Y, Lemon WJ, LaRegina M, Morrison C, Lubet R, **You M**. A chemically induced model for squamous cell carcinoma of the lung in mice: histopathology and strain susceptibility. *Cancer Res.* 64:1647-54, 2004.
 99. Garbow JR, Zhang Z, **You M**. Detection of primary lung tumors in rodents by magnetic resonance imaging. *Cancer Res*, 64(8):2740-2, 2004.
 100. Meyer AM, Dwyer-Nield LD, Hurteau GJ, Keith RL, O'Leary E, **You M**, Bonventre JV, Nemenoff RA, Malkinson AM. Decreased lung tumorigenesis in mice genetically deficient in cytosolic phospholipase A2. *Carcinogenesis*. 25(8):1517-24, 2004.
 101. Herzog, C. R., Bodon, N., Pittman, B., You, M., Anderson, M. W., Maronpot, R. R., Massey, T. E. and Devereux, T. R. Carcinogen-specific targeting of chromosome 12 for loss of heterozygosity in mouse lung adenocarcinomas: Implications for chromosome instability induction and tumor progression. *Oncogene*, 23(17):3033-9, 2004.
 102. Han SY, Iliopoulos D, Druck T, Guler G, Grubbs CJ, Pereira M, Zhang Z, **You M**, Lubet RA, Fong LY, Huebner K. CpG methylation in the Fhit regulatory region: relation to Fhit expression in murine tumors. *Oncogene*. 23(22):3990-8, 2004.

103. Ronald Lubet, Jeff Green, Vernon Steele, and Ming You. Potential use of transgenic mice in chemoprevention studies. In: *Cancer Chemoprevention, Volume 2: Strategies for Cancer chemoprevention* (G. J. Kelloff, E. T. Hawk, and C. C. Sigman eds), Humana Press Inc., pp47-55, 2004.
104. Wang M, Devereux TR, Vikis HG, McCulloch SD, Holliday W, Anna C, Wang Y, Bebenek K, Kunkel TA, Guan K, **You M**. Pol iota is a candidate for the mouse pulmonary adenoma resistance 2 locus, a major modifier of chemically induced lung neoplasia. *Cancer Res.* 2004, 64:1924-31.
105. Zhang Z, Wang Y, Yao R, Li J, Yan Y, Regina ML, Lemon WL, Grubbs CJ, Lubet RA, **You M**. Cancer chemopreventive activity of a mixture of Chinese herbs (antitumor B) in mouse lung tumor models. *Oncogene*, 23(21):3841-50, 2004.
106. Bailey-Wilson JE, Amos CI, Pinney SM, Petersen GM, de Andrade M, Wiest JS, Fain P, Schwartz AG, **You M**, Franklin W, Klein C, Gazdar A, Rothschild H, Mandal D, Coons T, Slusser J, Lee J, Gaba C, Kupert E, Perez A, Zhou X, Zeng D, Liu Q, Seminara D, Minna J, Anderson M. A major lung cancer susceptibility locus maps to chromosome 6q23-25. *The American Journal of Human Genetics.* 75(3):460-74, 2004.
107. Y Yan, M Wang, W J Lemon, and M You. Single nucleotide polymorphism (SNP) analysis of mouse quantitative trait loci for identification of candidate genes. *J Med Genet*, 41: e111 (1-14), 2004.
108. Ruisheng Yao, Yian Wang, William J. Lemon, Ronald A. Lubet, and Ming You. Budesonide exerts its chemopreventive efficacy during mouse lung tumorigenesis by modulating gene expressions. *Oncogene*, 23:7746-52, 2004.
109. Allison E. Bonner, Yian Wang and Ming You. Gene Expression Profiling of Mouse Teratocarcinomas Uncovers Epigenetic Changes Associated with the Transformation of Mouse Embryonic Stem Cells. *Neoplasia*, 6:490-502, 2004.
110. Ruisheng Yao, William J. Lemon, Yian Wang, Clinton J. Grubbs, Ronald A. Lubet and Ming You. Altered Gene Expression Profile in Mouse Bladder Cancers Induced by Hydroxybutyl(butyl)nitrosamine. *Neoplasia*, 6:569-577, 2004.
111. Izzotti A, Cartiglia C, Longobardi M, Bagnasco M, Merello A, **You M**, Lubet RA, De Flora S. Gene expression in the lung of p53 mutant mice exposed to cigarette smoke. *Cancer Res.* 2004 64:8566-72.
112. De Flora S, Izzotti A, D'Agostini F, Bennicelli C, **You M**, Lubet RA, Balansky RM. Induction and modulation of lung tumors: genomic and transcriptional alterations in cigarette smoke-exposed mice. *Exp Lung Res.* 2005 31:19-35.
113. Tommasi S, Dammann R, Zhang Z, Wang Y, Liu L, Tsark WM, Wilczynski SP, Li J, **You M**, Pfeifer GP. Tumor susceptibility of Rassf1a knockout mice. *Cancer Res.* 2005 65:92-8.
114. Wang M, Futamura M, Wang Y, **You M**. Pas1c1 is a candidate for the mouse pulmonary adenoma susceptibility 1 locus. *Oncogene.* 2005 24:1958-63.
115. Lubet R, Wang Y, Zhang Z, **You M**. Mouse models incorporating alterations in the major tumor suppressor genes P53 and P16: their use in screening for potential carcinogens, developing further relevant mouse models, and screening for potential chemopreventive and chemotherapeutic agents. *Exp Lung Res.* 2005 31:117-33.
116. Crist KA, Zhang Z, **You M**, Gunning WT, Conran PB, Steele VE, Lubet RA. Characterization of rat ovarian adenocarcinomas developed in response to direct instillation of 7,12-dimethylbenz[a]anthracene (DMBA) coated suture. *Carcinogenesis.* 2005 26:951-7.
117. Wang M, Wang Y, **You M**. Identification of genetic polymorphisms through comparative DNA sequence analysis on the K-ras gene: implications for lung tumor susceptibility. *Exp Lung Res.* 2005 31:165-77.
118. Chen B, Wang Y, **You M**. Characterization of two protein-binding sites in the second intron of the mouse K-ras gene. *Exp Lung Res.* 2005 31:179-92.
119. Wang Y, Zhang Z, Lubet R, **You M**. Tobacco smoke-induced lung tumorigenesis in mutant A/J mice with alterations in K-ras, p53, or Ink4a/Arf. *Oncogene.* 2005 24:3042-9.
120. Wang M, Wang Y, **You M**, Devereux TR. Analysis of the Par2 modifier of pulmonary adenoma formation in mice. *Exp Lung Res.* 2005 31:193-204.
121. Henderson CC, Zhang Z, Manson SR, Riehm JJ, Kataoka M, Flye MW, Garbow JR, **You M**, Weintraub SJ. A moderate reduction of Bcl-x(L) expression protects against tumorigenesis; however, it also increases susceptibility to tissue injury. *Oncogene.* 2005 24:7120-4.
122. Yao R, Wang Y, D'Agostini F, Izzotti A, Lubet RA, **You M**, De Flora S. K-ras mutations in lung tumors from p53 mutant mice exposed to cigarette smoke. *Exp Lung Res.* 2005 31:271-81.
123. Zhang Z, Yao R, Li J, Wang Y, Boone CW, Lubet RA, **You M**. Induction of invasive mouse skin carcinomas in transgenic mice with mutations in both H-ras and p53. *Mol Cancer Res.* 2005 3:563-74.

124. Wang D, **You M**. Five loci, SLT1 to SLT5, controlling the susceptibility to spontaneously occurring lung cancer in mice. *Cancer Res.* 2005 65:8158-65.
125. Yan Y, Wang Y, Tan Q, Lubet RA, **You M**. Efficacy of deguelin and silibinin on benzo(a)pyrene-induced lung tumorigenesis in A/J mice. *Neoplasia.* 2005 7:1053-7.
126. Jin M and **You M**. *Cancer Chemoprevention (Vol. 2: Strategies for Cancer Chemoprevention, G.J. Kelloff, E.T. Hawk, C.C. Sigman eds.) - Book Review. Oncology, 69: 470, 2005*
127. Wang Y, Zhang Z, Lubet RA, **You M**. A mouse model for tumor progression of lung cancer in ras and p53 transgenic mice. *Oncogene.* 2006 25:1277-80.
128. Lu Y, Yao R, Yan Y, Wang Y, Hara Y, Lubet RA, **You M**. A Gene Expression Signature that Can Predict Green Tea Exposure and Chemopreventive Efficacy of Lung Cancer in Mice. *Cancer Res.* 2006 66:1956-63.
129. Clark J, **You M**. Chemoprevention of lung cancer by tea. *Mol Nutr Food Res.* 2006 50:144-51.
130. Ying Yan, Yian Wang, Qing Tan, Yukihiko Hara, Taik-Koo Yun, Ronald A. Lubet and Ming You. Efficacy of Polyphenon E, Red Ginseng, and Rapamycin on Benzo(a)pyrene-Induced Lung Tumorigenesis in A/J Mice. *Neoplasia*, 8: 52 - 58, 2006.
131. Wang Y, Zhang Z, Yao R, Jia D, Wang D, Lubet RA, **You M**. Prevention of lung cancer progression by bexarotene in mouse models. *Oncogene*, 25:1320-9, 2006.
132. Yao R, Wang Y, Lu Y, Lemon WJ, End DW, Grubbs CJ, Lubet RA, **You M**. Efficacy of the farnesyltransferase inhibitor R115777 in a rat mammary tumor model: Role of Ha-ras mutations and use of microarray analysis to identify potential targets. *Carcinogenesis*, 27:1420-1431, 2006.
133. Yian Wang, Ruisheng Yao, Anna Maciag, Clinton J. Grubbs, Ronald A. Lubet, and Ming You. Organ-specific expression profiles of rat mammary gland, liver, and lung tissues treated with targretin, 9-cis retinoic acid, and 4-hydroxyphenylretinamide. *Molecular Cancer Therapeutics*, 5:1060-72, 2006..
134. Lubet RA, Christov K, **You M**, Yao R, Steele VE, End DW, Juliana MM, Grubbs CJ. Effects of the farnesyl transferase inhibitor R115777 (Zarnestra) on mammary carcinogenesis: prevention, therapy, and role of HaRas mutations. *Mol Cancer Ther.* 5:1073-8, 2006.
135. Inoki K, Ouyang H, Zhu T, Lindvall C, Wang Y, Zhang X, Yang Q, Bennett C, Harada Y, Stankunas K, Wang CY, He X, Macdougald OA, **You M**, Williams BO, Guan KL. TSC2 Integrates Wnt and Energy Signals via a Coordinated Phosphorylation by AMPK and GSK3 to Regulate Cell Growth. *Cell.* 2006; 126:955-68.
136. Liu P, Wang Y, Vikis H, Maciag A, Wang D, Lu Y, Liu Y, **You M**. Candidate lung tumor susceptibility genes identified through whole-genome association analyses in inbred mice. *Nat Genet.* 2006; 38:888-95.
137. Zhang Z, Wang Y, Yao R, Lubet RA, **You M**. p53 Transgenic mice are highly susceptible to 4-nitroquinoline-1-oxide-induced oral cancer. *Mol Cancer Res.*, 4:401-10, 2006.
138. Lu Y, Lemon W, Liu P, Yi Y, Morrison C, Yang P, Sun Z, Szoke J, Gerald W, Watson M, Govindan R, **You M**. A gene-expression signature predicts survival of patients with stage I non-small cell lung cancer. *PLoS Medicine*, 3:2229-2243, 2006.
139. Yan Y, Lu Y, Wang M, Vikis H, Yao R, Wang Y, Lubet RA, **You M**. Effect of an epidermal growth factor receptor inhibitor in mouse models of lung cancer. *Mol Cancer Res.* 2006; 12:971-81.
140. Yan Y, Cook J, McQuillan J, Zhang G, Hitzman CJ, Wang Y, Wiedmann TS, **You M**. Chemopreventive effect of aerosolized polyphenon E on lung tumorigenesis in A/J mice. *Neoplasia.* 2007; 5:401-5.
141. Yao R, Yi Y, Grubbs CJ, Lubet RA, **You M**. Gene expression profiling of chemically induced rat bladder tumors. *Neoplasia.* 2007; 3:207-21.
142. Wang M, Vikis HG, Wang Y, Jia D, Wang D, Bierut LJ, Bailey-Wilson JE, Amos CI, Pinney SM, Petersen GM, de Andrade M, Yang P, Wiest JS, Fain PR, Schwartz AG, Gazdar A, Minna J, Gaba C, Rothschild H, Mandal D, Kupert E, Seminara D, Liu Y, Viswanathan A, Govindan R, Anderson MW, **You M**. Identification of a novel tumor suppressor gene p34 on human chromosome 6q25.1. *Cancer Res.* 2007; 67:93-9.
143. Wang M, Zhang Z, Zhang Z, Vikis H, Yan Y, Wang Y, **You M**. Fine mapping and candidate gene analyses of pulmonary adenoma resistance 1, a major genetic determinant of mouse lung adenoma resistance. *Cancer Res.* 2007; 67:2508-16.
144. Vikis H, Sato M, James M, Wang D, Wang Y, et al. EGFR-T790M is a rare lung cancer susceptibility allele with enhanced kinase activity. *Cancer Res.* 2007; 67:4665-70.
145. Liu P, Vikis H, Lu Y, Wang D, and **You M**. Large-scale in Silico Mapping of Complex Quantitative Traits in Inbred Mice. *PLoS One*, 2007, 2:e651

146. Liu Y, Vikis HG, Yi Y, Futamura M, Wang Y, **You M**. Degradation of lung adenoma susceptibility 1, a major candidate mouse lung tumor modifier, is required for cell cycle progression. *Cancer Res.* 2007; 67:10207-13.
147. Li Y, Wang Y, Kim E, Beemiller P, Wang CY, Swanson J, **You M**, Guan KL. Bnip3 mediates the hypoxia-induced inhibition on mTOR by interacting with Rheb. *J Biol Chem.* 2007, 282:35803-13.
148. Yan Y, Tan Q, Wang Y, Wang D, Jin M, Gordon T, Lubet RA, **You M**. Enhanced lung tumor development in tobacco smoke-exposed p53 transgenic and Kras2 heterozygous deficient mice. *Inhal Toxicol.* 2007; 19 Suppl 1:183-7.
149. Lu Y, Yi YJ, Liu PY, Wen WD, James M, Wang DL, **You M**. Common human cancer genes discovery by integrated gene-expression analysis. *PLoS One*, 11: e1149
150. Wang Y, Zhang Z, Lu Y, Yao R, Jia D, Wen W, LaRegina M, Crist K, Lubet R, and **You M**. Enhanced Susceptibility to Chemical Induction of Ovarian Tumors in Mice with a Germ Line p53 Mutation. *Mol Cancer Res*, 2008, 6:99-109.
151. Garbow JR, Wang M, Wang Y, Lubet RA, **You M**. Quantitative monitoring of adenocarcinoma development in rodents by magnetic resonance imaging. *Clin Cancer Res.* 2008, 14:1363-7.
152. Liu P, Vikis HG, Wang D, Lu Y, Wang Y, Schwartz AG, Pinney SM, Yang P, de Andrade M, Petersen GM, Wiest JS, Fain PR, Gazdar A, Gaba C, Rothschild H, Mandal D, Coons T, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Wu X, Spitz MR, Eisen T, Houlston RS, Amos CI, Anderson MW, **You M**. Familial aggregation of common sequence variants on 15q24-25.1 in lung cancer. *J Natl Cancer Inst.* 2008, 100:1326-30.
153. Anderson MW, Goodin C, Zhang Y, Kim S, Estensen RD, Wiedmann TS, Sekar P, Buncher CR, Khoury JC, Garbow JR, **You M**, Tichelaar JW. Effect of dietary green tea extract and aerosolized difluoromethylornithine during lung tumor progression in A/J strain mice. *Carcinogenesis.* 2008, 29:1594-600.
154. Liu PY, Vikis H, James M, Lu Y, Wang DL, Liu HB, Wen WD, Wang Y, **You M**. Identification of Las2, a major modifier gene affecting the Pas1 mouse lung tumor susceptibility locus. *Cancer Res.* 2009; 69:6290-8.
155. **You M**, Wang DL, Liu PY, Vikis H, James M, Lu Y, Wang Y, Wang M et al. A candidate for the lung cancer susceptibility locus on chromosome 6q23-25. *Clin Cancer Res.* 2009; 15:2666-74.
156. Huijing Fu, Jun He, Fan Mei, Qi Zhang, Yukihiko Hara, Seto Ryota, Ronald A. Lubet, Ruth Chen, Da-Ren Chen, and Ming You. Anti-lung cancer effect of epigallocatechin-3-gallate is dependent on its presence in a complex mixture (Polyphenon E). *Cancer Prevention Res.* 2009; 2:531-7.
157. Wang JC, Cruchaga C, Saccone NL, Bertelsen S, Liu P, Budde JP, Duan W, Fox L, Grucza RA, Kern J, Mayo K, Reyes O, Rice J, Saccone SF, Spiegel N, Steinbach JH, Stitzel JA, Anderson MW, **You M**, Stevens VL, Bierut LJ, Goate AM. Risk for nicotine dependence and lung cancer is conferred by mRNA expression levels and amino acid change in CHRNA5. *Hum Mol Genet.* 2009; 18:3125-35.
158. Michael A. James, Yan Lu, Yan Liu, Haris G. Vikis and Ming You. RGS17, an Overexpressed Gene in Human Lung and Prostate Cancer, Induces Tumor Cell Proliferation Through the cAMP-PKA-CREB Pathway. *Cancer Res.* 2009; 69:2108-16.
159. Yian Wang, Zhongqiu Zhang, Joel R. Garbow, Doug J. Rowland, Ronald A Lubet, Daniel Sit, Frances Law, and Ming You. Chemoprevention of Lung Squamous Cell Carcinoma in Mice by a Mixture of Chinese Herbs. *Cancer Prev Res.* 2009; 2:634-40.
160. Dwyer-Nield LD, McQuillan J, Hill-Baskin A, Radcliffe RA, **You M**, Nadeau JH, Malkinson AM. Epistatic interactions govern chemically-induced lung tumor susceptibility and Kras mutation site in murine C57BL/6J-ChrA/J chromosome substitution strains. *Int J Cancer.* 2010, 126:125-32.
161. Yan Liu, Pengyuan Liu, Weidong Wen, Michael A. James, Yian Wang, et al. Haplotype and cell proliferation analyses of candidate lung cancer susceptibility genes on chromosome 15q24-25.1. *Cancer Res.* 2009, 69:7844-50.
162. Yan Lu, Pengyuan Liu, Michael James, Haris G. Vikis, Hongbo Liu, Weidong Wen, Andrew Franklin, and Ming You. Genetic Variants Cis-regulating Xrn2 Expression Contribute to the Risk of Spontaneous Lung Cancer. *Oncogene.* 2009; 29:1041-9.
163. Lubet RA, Yao R, Grubbs CJ, **You M**, Wang Y. Induced Expression of Drug Metabolizing Enzymes By Preventive Agents: Role of the Antioxidant Response Element. *Chem Biol Interact.* 2009, 182:22-8.
164. Yian Wang, Weidong Wen, Yijun Yi, Zhongqiu Zhang, Ronald A. Lubet and Ming You. Preventive Effects of Bexarotene and Budesonide in a Genetically Engineered Mouse Model of Small Cell Lung Cancer. *Cancer Prev Res.* 2009, 2:1059-64.
165. Pengyuan Liu, Haris G. Vikis, Yan Lu, Yian Wang, Ann G. Schwartz, Susan M. Pinney, Ping Yang, Mariza

- de Andrade, Adi Gazdar, Colette Gaba, Diptasri Mandal, Juwon Lee, Elena Kupert, Daniela Seminara, John Minna, Joan E. Bailey-Wilson, Christopher I. Amos, Marshall W. Anderson, and Ming You. Cumulative Effect of Multiple Loci on Genetic Susceptibility to Familial Lung Cancer. *Cancer Epidem, Biomarkers & Prev.* 19: 517-524, 2010.
166. Yang Z, Gao S, Yin T, Kulkarni KH, Teng Y, **You M**, Hu M. Biopharmaceutical and pharmacokinetic characterization of matrine as determined by a sensitive and robust UPLC-MS/MS method. *J Pharm Biomed Anal.* 2010; 51:1120-7.
167. Zhang Q, Fu H, Pan J, He J, Ryota S, Hara Y, Wang Y, Lubet RA, **You M**. Effect of dietary Polyphenon E and EGCG on lung tumorigenesis in A/J Mice. *Pharm Res.* 2010, 27:1066-71.
168. C.I. Amos, S. M. Pinney, Y. Li, Kupert E, Lee J, M. A. de Andrade, P. Yang, A.G. Schwartz, P. Fain, A. Gazdar, J. Minna, J.S. Wiest, D. Zeng, H. Rothschild, D. Mandal, M. You, C. Gaba, J.E. Bailey-Wilson, M.W. Anderson. A gene-environment interaction influences risk for lung cancer in high risk families. *Cancer Res.* 2010; 70:2359-67.
169. Liu P, Yang P, Wu X, Vikis HG, Lu Y, Wang Y, Schwartz AG, Pinney SM, de Andrade M, Gazdar A, Gaba C, Mandal D, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Spitz M, Amos CI, Anderson MW, **You M**. A second genetic variant on chromosome 15q24-25.1 associates with lung cancer. *Cancer Res.* 2010, 70:3128-35.
170. Vikis HG, Jackson EN, Krupnick AS, Franklin A, Gelman AE, Chen Q, Piwnicka-Worms D, **You M**. Strain-specific susceptibility for pulmonary metastasis of sarcoma 180 cells in inbred mice. *Cancer Res.* 2010, 70:4859-67.
171. Leikauf GD, Pope-Varsalona H, Concel VJ, Liu P, Bein K, Brant KA, Dopico RA, Di YP, Jang AS, Dietsch M, Medvedovic M, Li Q, Vuga LJ, Kaminski N, **You M**, Prows DR. Functional genomics of chlorine-induced acute lung injury in mice. *Proc Am Thorac Soc.* 2010, 7:294-6.
172. Tichelaar JW, Yan Y, Tan Q, Wang Y, Estensen RD, Young MR, Colburn NH, Yin H, Goodin C, Anderson MW, **You M**. A Dominant-Negative c-jun Mutant Inhibits Lung Carcinogenesis in Mice. *Cancer Prev Res*, 2010 3(9):1148-56.
173. Lu Y, Liu P, Wen W, Grubbs CJ, Townsend RR, Malone JP, Lubet RA, **You M**. Cross-species comparison of orthologous gene expression in human bladder cancer and carcinogen-induced rodent models. *Am J Transl Res.* 2010 Sep 20;3(1):8-27.
174. James MA, Fu H, Liu Y, Chen DR, **You M**. Dietary administration of berberine or Phellodendron amurense extract inhibits cell cycle progression and lung tumorigenesis. *Mol Carcinog.* 2010 Nov 8. [Epub ahead of print]
175. Wang Y, James M, Wen W, Lu Y, Szabo E, Lubet RA, **You M**. Chemopreventive effects of pioglitazone on chemically induced lung carcinogenesis in mice. *Mol Cancer Ther.* 2010 Nov;9(11):3074-82. Epub 2010 Nov 2.
176. Fang S, Pinney SM, Bailey-Wilson JE, de Andrade M, Li Y, Kupert E, **You M**, Schwartz AG, Yang P, Anderson M, Amos CI. Ordered subset analysis identifies loci influencing lung cancer risk on chromosomes 6q and 12q. *Cancer Epidemiol Biomarkers Prev.* 2010 Oct 28. [Epub ahead of print]
177. Pan J, Zhang Q, Wang Y, **You M**. 26S proteasome activity is down-regulated in lung cancer stem-like cells propagated in vitro. *PLoS One.* 2010 Oct 11;5(10):e13298.
178. Garbow JR, Wang M, Wang Y, Lubet RA, **You M** Quantitative monitoring of adenocarcinoma development in rodents by magnetic resonance imaging. *Clin Cancer Res.* 2008 Mar 1;14(5):1363-7
179. Anderson MW, Goodin C, Zhang Y, Kim S, Estensen RD, Wiedmann TS, Sekar P, Buncher CR, Khoury JC, Garbow JR, **You M**, Tichelaar JW Effect of dietary green tea extract and aerosolized difluoromethylornithine during lung tumor progression in A/J strain mice. *Carcinogenesis.* 2008 Aug;29(8):1594-600 PMID: PMC2516483
180. Liu P, Vikis HG, Wang D, Lu Y, Wang Y, Schwartz AG, Pinney SM, Yang P, de Andrade M, Petersen GM, Wiest JS, Fain PR, Gazdar A, Gaba C, Rothschild H, Mandal D, Coons T, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Wu X, Spitz MR, Eisen T, Houlston RS, Amos CI, Anderson MW, **You M** Familial aggregation of common sequence variants on 15q24-25.1 in lung cancer. *J Natl Cancer Inst.* 2008 Sep 17;100(18):1326-30 PMID: PMC2538550
181. Lu Y, Govindan R, Wang L, Liu PY, Goodgame B, Wen W, Sezhiyan A, Pfeifer J, Li YF, Hua X, Wang Y, Yang P, **You M** MicroRNA profiling and prediction of recurrence/relapse-free survival in stage I lung cancer. *Carcinogenesis.* 2012 May;33(5):1046-54 PMID: PMC3334512
182. Zhang Q, Pan J, Zhang J, Liu P, Chen R, Chen DR, Lubet R, Wang Y, **You M** Aerosolized bexarotene inhibits lung tumorigenesis without increasing plasma triglyceride and cholesterol levels in mice. *Cancer Prev Res (Phila).* 2011 Feb;4(2):270-6

183. Wang Y, James M, Wen W, Lu Y, Szabo E, Lubet RA, **You M** Chemopreventive effects of pioglitazone on chemically induced lung carcinogenesis in mice. *Mol Cancer Ther.* 2010 Nov;9(11):3074-82
184. Tichelaar JW, Yan Y, Tan Q, Wang Y, Estensen RD, Young MR, Colburn NH, Yin H, Goodin C, Anderson MW, **You M** A dominant-negative c-jun mutant inhibits lung carcinogenesis in mice. *Cancer Prev Res (Phila).* 2010 Sep;3(9):1148-56 PMID: PMC2933283
185. Vikis HG, Jackson EN, Krupnick AS, Franklin A, Gelman AE, Chen Q, Piwnica-Worms D, **You M** Strain-specific susceptibility for pulmonary metastasis of sarcoma 180 cells in inbred mice. *Cancer Res.* 2010 Jun 15;70(12):4859-67 PMID: PMC4690845
186. Liu P, Yang P, Wu X, Vikis HG, Lu Y, Wang Y, Schwartz AG, Pinney SM, de Andrade M, Gazdar A, Gaba C, Mandal D, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Spitz M, Amos CI, Anderson MW, **You M** A second genetic variant on chromosome 15q24-25.1 associates with lung cancer. *Cancer Res.* 2010 Apr 15;70(8):3128-35 PMID: PMC3378320
187. Amos CI, Pinney SM, Li Y, Kupert E, Lee J, de Andrade MA, Yang P, Schwartz AG, Fain PR, Gazdar A, Minna J, Wiest JS, Zeng D, Rothschild H, Mandal D, **You M**, Coons T, Gaba C, Bailey-Wilson JE, Anderson MW A susceptibility locus on chromosome 6q greatly increases lung cancer risk among light and never smokers. *Cancer Res.* 2010 Mar 15;70(6):2359-67 PMID: PMC2855643
188. Liu P, Vikis HG, Lu Y, Wang Y, Schwartz AG, Pinney SM, Yang P, de Andrade M, Gazdar A, Gaba C, Mandal D, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Amos CI, Anderson MW, **You M** Cumulative effect of multiple loci on genetic susceptibility to familial lung cancer. *Cancer Epidemiol Biomarkers Prev.* 2010 Feb;19(2):517-24 PMID: PMC2846747
189. Zhang Q, Fu H, Pan J, He J, Ryota S, Hara Y, Wang Y, Lubet RA, **You M** Effect of dietary Polyphenon E and EGCG on lung tumorigenesis in A/J Mice. *Pharm Res.* 2010 Jun;27(6):1066-71
190. Wang Y, Wen W, Yi Y, Zhang Z, Lubet RA, **You M** Preventive effects of bexarotene and budesonide in a genetically engineered mouse model of small cell lung cancer. *Cancer Prev Res (Phila).* 2009 Dec;2(12):1059-64
191. Lu Y, Liu P, James M, Vikis HG, Liu H, Wen W, Franklin A, **You M** Genetic variants cis-regulating Xrn2 expression contribute to the risk of spontaneous lung tumor. *Oncogene.* 2010 Feb 18;29(7):1041-9
192. Liu Y, Liu P, Wen W, James MA, Wang Y, Bailey-Wilson JE, Amos CI, Pinney SM, Yang P, de Andrade M, Petersen GM, Wiest JS, Fain PR, Schwartz AG, Gazdar A, Gaba C, Rothschild H, Mandal D, Kupert E, Lee J, Seminara D, Minna J, Anderson MW, **You M** Haplotype and cell proliferation analyses of candidate lung cancer susceptibility genes on chromosome 15q24-25.1. *Cancer Res.* 2009 Oct 1;69(19):7844-50 PMID: PMC2846106
193. Lubet RA, Yao R, Grubbs CJ, **You M**, Wang Y Induced expression of drug metabolizing enzymes by preventive agents: role of the antioxidant response element. *Chem Biol Interact.* 2009 Nov 10;182(1):22-8 PMID: PMC3642098
194. Liu PY, Vikis H, James M, Lu Y, Wang DL, Liu HB, Wen WD, Wang Y, **You M** Identification of Las2, a major modifier gene affecting the Pas1 mouse lung tumor susceptibility locus. *Cancer Res.* 2009 Aug 1;69(15):6290-8
195. Wang Y, Zhang Z, Garbow JR, Rowland DJ, Lubet RA, Sit D, Law F, **You M** Chemoprevention of lung squamous cell carcinoma in mice by a mixture of Chinese herbs. *Cancer Prev Res (Phila).* 2009 Jul;2(7):634-40 PMID: PMC3890236
196. Fu H, He J, Mei F, Zhang Q, Hara Y, Ryota S, Lubet RA, Chen R, Chen DR, **You M** Lung cancer inhibitory effect of epigallocatechin-3-gallate is dependent on its presence in a complex mixture (polyphenon E). *Cancer Prev Res (Phila).* 2009 Jun;2(6):531-7
197. Wang JC, Cruchaga C, Saccone NL, Bertelsen S, Liu P, Budde JP, Duan W, Fox L, Grucza RA, Kern J, Mayo K, Reyes O, Rice J, Saccone SF, Spiegel N, Steinbach JH, Stitzel JA, Anderson MW, **You M**, Stevens VL, Bierut LJ, Goate AM, COGEND collaborators and GELCC collaborators Risk for nicotine dependence and lung cancer is conferred by mRNA expression levels and amino acid change in CHRNA5. *Hum Mol Genet.* 2009 Aug 15;18(16):3125-35 PMID: PMC2714722
198. **You M**, Wang D, Liu P, Vikis H, James M, Lu Y, Wang Y, Wang M, Chen Q, Jia D, Liu Y, Wen W, Yang P, Sun Z, Pinney SM, Zheng W, Shu XO, Long J, Gao YT, Xiang YB, Chow WH, Rothman N, Petersen GM, de Andrade M, Wu Y, Cunningham JM, Wiest JS, Fain PR, Schwartz AG, Girard L, Gazdar A, Gaba C, Rothschild H, Mandal D, Coons T, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Amos CI, Anderson MW Fine mapping of chromosome 6q23-25 region in familial lung cancer families reveals RGS17 as a likely candidate gene. *Clin Cancer Res.* 2009 Apr 15;15(8):2666-74 PMID: PMC2746091
199. James MA, Lu Y, Liu Y, Vikis HG, **You M** RGS17, an overexpressed gene in human lung and prostate

- cancer, induces tumor cell proliferation through the cyclic AMP-PKA-CREB pathway. *Cancer Res.* 2009 Mar 1;69(5):2108-16 PMID: PMC2746047
200. Wang Y, Zhang Z, Lu Y, Yao R, Jia D, Wen W, LaRegina M, Crist K, Lubet R, **You M** Enhanced susceptibility to chemical induction of ovarian tumors in mice with a germ line p53 mutation. *Mol Cancer Res.* 2008 Jan;6(1):99-109
201. Lu Y, Yi Y, Liu P, Wen W, James M, Wang D, **You M** Common human cancer genes discovered by integrated gene-expression analysis. *PLoS One.* 2007;2(11):e1149 PMID: PMC2065803
202. Liu Y, Vikis HG, Yi Y, Futamura M, Wang Y, **You M** Degradation of lung adenoma susceptibility 1, a major candidate mouse lung tumor modifier, is required for cell cycle progression. *Cancer Res.* 2007 Nov 1;67(21):10207-13
203. Yan Y, Tan Q, Wang Y, Wang D, Jin M, Gordon T, Lubet RA, **You M** Enhanced lung tumor development in tobacco smoke-exposed p53 transgenic and Kras2 heterozygous deficient mice. *Inhal Toxicol.* 2007;19 Suppl 1:183-7
204. Liu P, Vikis H, Lu Y, Wang D, **You M** Large-scale in silico mapping of complex quantitative traits in inbred mice. *PLoS One.* 2007;2(7):e651 PMID: PMC1920557
205. Yan Y, Cook J, McQuillan J, Zhang G, Hitzman CJ, Wang Y, Wiedmann TS, **You M** Chemopreventive effect of aerosolized polyphenon E on lung tumorigenesis in A/J mice. *Neoplasia.* 2007 May;9(5):401-5 PMID: PMC1877981
206. Vikis H, Sato M, James M, Wang D, Wang Y, Wang M, Jia D, Liu Y, Bailey-Wilson JE, Amos CI, Pinney SM, Petersen GM, de Andrade M, Yang P, Wiest JS, Fain PR, Schwartz AG, Gazdar A, Gaba C, Rothschild H, Mandal D, Kupert E, Seminara D, Viswanathan A, Govindan R, Minna J, Anderson MW, **You M** EGFR-T790M is a rare lung cancer susceptibility allele with enhanced kinase activity. *Cancer Res.* 2007 May 15;67(10):4665-70 PMID: PMC3460269
207. Yao R, Yi Y, Grubbs CJ, Lubet RA, **You M** Gene expression profiling of chemically induced rat bladder tumors. *Neoplasia.* 2007 Mar;9(3):207-21 PMID: PMC1838579
208. Wang M, Zhang Z, Zhang Z, Vikis H, Yan Y, Wang Y, **You M** Fine mapping and candidate gene analyses of pulmonary adenoma resistance 1, a major genetic determinant of mouse lung adenoma resistance. *Cancer Res.* 2007 Mar 15;67(6):2508-16
209. Wang M, Vikis HG, Wang Y, Jia D, Wang D, Bierut LJ, Bailey-Wilson JE, Amos CI, Pinney SM, Petersen GM, de Andrade M, Yang P, Wiest JS, Fain PR, Schwartz AG, Gazdar A, Minna J, Gaba C, Rothschild H, Mandal D, Kupert E, Seminara D, Liu Y, Viswanathan A, Govindan R, Anderson MW, **You M** Identification of a novel tumor suppressor gene p34 on human chromosome 6q25.1. *Cancer Res.* 2007 Jan 1;67(1):93-9 PMID: PMC3461257
210. Yan Y, Lu Y, Wang M, Vikis H, Yao R, Wang Y, Lubet RA, **You M** Effect of an epidermal growth factor receptor inhibitor in mouse models of lung cancer. *Mol Cancer Res.* 2006 Dec;4(12):971-81
211. Liu P, Wang Y, Vikis H, Maciag A, Wang D, Lu Y, Liu Y, **You M** Candidate lung tumor susceptibility genes identified through whole-genome association analyses in inbred mice. *Nat Genet.* 2006 Aug;38(8):888-95
212. Zhang Z, Wang Y, Yao R, Li J, Lubet RA, **You M** p53 Transgenic mice are highly susceptible to 4-nitroquinoline-1-oxide-induced oral cancer. *Mol Cancer Res.* 2006 Jun;4(6):401-10
213. Wang Y, Yao R, Maciag A, Grubbs CJ, Lubet RA, **You M** Organ-specific expression profiles of rat mammary gland, liver, and lung tissues treated with targeetin, 9-cis retinoic acid, and 4-hydroxyphenylretinamide. *Mol Cancer Ther.* 2006 Apr;5(4):1060-72
214. Zhang Q, Pan J, North PE, Yang S, Lubet RA, Wang Y, **You M** Aerosolized 3-bromopyruvate inhibits lung tumorigenesis without causing liver toxicity. *Cancer Prev Res (Phila).* 2012 May;5(5):717-25
215. Yan Y, Wang Y, Tan Q, Hara Y, Yun TK, Lubet RA, **You M** Efficacy of polyphenon E, red ginseng, and rapamycin on benzo(a)pyrene-induced lung tumorigenesis in A/J mice. *Neoplasia.* 2006 Jan;8(1):52-8 PMID: PMC1584290
216. Lu Y, Yao R, Yan Y, Wang Y, Hara Y, Lubet RA, **You M** A gene expression signature that can predict green tea exposure and chemopreventive efficacy of lung cancer in mice. *Cancer Res.* 2006 Feb 15;66(4):1956-63
217. Yao R, Wang Y, Lu Y, Lemon WJ, End DW, Grubbs CJ, Lubet RA, **You M** Efficacy of the farnesyltransferase inhibitor R115777 in a rat mammary tumor model: role of Ha-ras mutations and use of microarray analysis in identifying potential targets. *Carcinogenesis.* 2006 Jul;27(7):1420-31
218. Yan Y, Wang Y, Tan Q, Lubet RA, **You M** Efficacy of deguelin and silibinin on benzo(a)pyrene-induced lung tumorigenesis in A/J mice. *Neoplasia.* 2005 Dec;7(12):1053-7 PMID: PMC1501176
219. Zhang Z, Yao R, Li J, Wang Y, Boone CW, Lubet RA, **You M** Induction of invasive mouse skin

- carcinomas in transgenic mice with mutations in both H-ras and p53. *Mol Cancer Res.* 2005 Oct;3(10):563-74
220. Wang Y, Zhang Z, Yao R, Jia D, Wang D, Lubet RA, **You M** Prevention of lung cancer progression by bexarotene in mouse models. *Oncogene.* 2006 Mar 2;25(9):1320-9
221. Wang Y, Zhang Z, Lubet RA, **You M** A mouse model for tumor progression of lung cancer in ras and p53 transgenic mice. *Oncogene.* 2006 Feb 23;25(8):1277-80
222. Clark J, **You M** Chemoprevention of lung cancer by tea. *Mol Nutr Food Res.* 2006 Feb;50(2):144-51
223. Wang Y, Zhang Z, Lubet R, **You M** Tobacco smoke-induced lung tumorigenesis in mutant A/J mice with alterations in K-ras, p53, or Ink4a/Arf. *Oncogene.* 2005 Apr 21;24(18):3042-9
224. Yao R, Wang Y, D'Agostini F, Izzotti A, Lubet RA, **You M**, De Flora S K-ras mutations in lung tumors from p53 mutant mice exposed to cigarette smoke. *Exp Lung Res.* 2005 Mar;31(2):271-81
225. Chen B, Wang Y, **You M** Characterization of two protein-binding sites in the second intron of the mouse K-ras gene. *Exp Lung Res.* 2005 Mar;31(2):179-92
226. Lubet R, Wang Y, Zhang Z, **You M** Mouse models incorporating alterations in the major tumor suppressor genes P53 and P16: their use in screening for potential carcinogens, developing further relevant mouse models, and screening for potential chemopreventive and chemotherapeutic agents. *Exp Lung Res.* 2005 Jan-Feb;31(1):117-33
227. De Flora S, Izzotti A, D'Agostini F, Bennicelli C, **You M**, Lubet RA, Balansky RM Induction and modulation of lung tumors: genomic and transcriptional alterations in cigarette smoke-exposed mice. *Exp Lung Res.* 2005 Jan-Feb;31(1):19-35
228. Crist KA, Zhang Z, **You M**, Gunning WT, Conran PB, Steele VE, Lubet RA Characterization of rat ovarian adenocarcinomas developed in response to direct instillation of 7,12-dimethylbenz[a]anthracene (DMBA) coated suture. *Carcinogenesis.* 2005 May;26(5):951-7
229. Wang M, Futamura M, Wang Y, **You M** Pas1c1 is a candidate for the mouse pulmonary adenoma susceptibility 1 locus. *Oncogene.* 2005 Mar 10;24(11):1958-63
230. Izzotti A, Cartiglia C, Longobardi M, Bagnasco M, Merello A, **You M**, Lubet RA, De Flora S Gene expression in the lung of p53 mutant mice exposed to cigarette smoke. *Cancer Res.* 2004 Dec 1;64(23):8566-72
231. Yao R, Lemon WJ, Wang Y, Grubbs CJ, Lubet RA, **You M** Altered gene expression profile in mouse bladder cancers induced by hydroxybutyl(butyl)nitrosamine. *Neoplasia.* 2004 Sep-Oct;6(5):569-77 PMID: PMC1531661
232. Yao R, Wang Y, Lemon WJ, Lubet RA, **You M** Budesonide exerts its chemopreventive efficacy during mouse lung tumorigenesis by modulating gene expressions. *Oncogene.* 2004 Oct 7;23(46):7746-52
233. Bailey-Wilson JE, Amos CI, Pinney SM, Petersen GM, de Andrade M, Wiest JS, Fain P, Schwartz AG, **You M**, Franklin W, Klein C, Gazdar A, Rothschild H, Mandal D, Coons T, Slusser J, Lee J, Gaba C, Kupert E, Perez A, Zhou X, Zeng D, Liu Q, Zhang Q, Seminara D, Minna J, Anderson MW A major lung cancer susceptibility locus maps to chromosome 6q23-25. *Am J Hum Genet.* 2004 Sep;75(3):460-74 PMID: PMC1182024
234. Lubet RA, Zhang Z, Wang Y, **You M** Chemoprevention of lung cancer in transgenic mice. *Chest.* 2004 May;125(5 Suppl):144S-7S
235. Garbow JR, Zhang Z, **You M** Detection of primary lung tumors in rodents by magnetic resonance imaging. *Cancer Res.* 2004 Apr 15;64(8):2740-2
236. Wang M, Devereux TR, Vikis HG, McCulloch SD, Holliday W, Anna C, Wang Y, Bebenek K, Kunkel TA, Guan K, **You M** Pol iota is a candidate for the mouse pulmonary adenoma resistance 2 locus, a major modifier of chemically induced lung neoplasia. *Cancer Res.* 2004 Mar 15;64(6):1924-31
237. Zhang Z, Wang Y, Yao R, Li J, Yan Y, La Regina M, Lemon WL, Grubbs CJ, Lubet RA, **You M** Cancer chemopreventive activity of a mixture of Chinese herbs (antitumor B) in mouse lung tumor models. *Oncogene.* 2004 May 6;23(21):3841-50
238. Han SY, Iliopoulos D, Druck T, Guler G, Grubbs CJ, Pereira M, Zhang Z, **You M**, Lubet RA, Fong LY, Huebner K CpG methylation in the Fhit regulatory region: relation to Fhit expression in murine tumors. *Oncogene.* 2004 May 13;23(22):3990-8
239. Wang Y, Zhang Z, Yan Y, Lemon WJ, LaRegina M, Morrison C, Lubet R, **You M** A chemically induced model for squamous cell carcinoma of the lung in mice: histopathology and strain susceptibility. *Cancer Res.* 2004 Mar 1;64(5):1647-54
240. Herzog CR, Bodon N, Pittman B, Maronpot RR, Massey TE, Anderson MW, **You M**, Devereux TR Carcinogen-specific targeting of chromosome 12 for loss of heterozygosity in mouse lung adenocarcinomas: implications for chromosome instability and tumor progression. *Oncogene.* 2004

Apr 15;23(17):3033-9

241. Bonner AE, Lemon WJ, Devereux TR, Lubet RA, **You M** Molecular profiling of mouse lung tumors: association with tumor progression, lung development, and human lung adenocarcinomas. *Oncogene*. 2004 Feb 5;23(5):1166-76
242. Zhang Z, Futamura M, Vikis HG, Wang M, Li J, Wang Y, Guan KL, **You M** Positional cloning of the major quantitative trait locus underlying lung tumor susceptibility in mice. *Proc Natl Acad Sci U S A*. 2003 Oct 28;100(22):12642-7 PMID: PMC240671
243. Zhang Z, Wang Y, Lantry LE, Kastens E, Liu G, Hamilton AD, Sebt SM, Lubet RA, **You M** Farnesyltransferase inhibitors are potent lung cancer chemopreventive agents in A/J mice with a dominant-negative p53 and/or heterozygous deletion of Ink4a/Arf. *Oncogene*. 2003 Sep 18;22(40):6257-65
244. Wang Y, Zhang Z, Kastens E, Lubet RA, **You M** Mice with alterations in both p53 and Ink4a/Arf display a striking increase in lung tumor multiplicity and progression: differential chemopreventive effect of budesonide in wild-type and mutant A/J mice. *Cancer Res*. 2003 Aug 1;63(15):4389-95
245. Fischer M, **You M**, Matsumoto M, Crabb DW Peroxisome proliferator-activated receptor alpha (PPARalpha) agonist treatment reverses PPARalpha dysfunction and abnormalities in hepatic lipid metabolism in ethanol-fed mice. *J Biol Chem*. 2003 Jul 25;278(30):27997-8004
246. Yao R, Wang Y, Lubet RA, **You M** Differential gene expression in chemically induced mouse lung adenomas. *Neoplasia*. 2003 Jan-Feb;5(1):41-52 PMID: PMC1502122
247. Li J, Zhang Z, Dai Z, Plass C, Morrison C, Wang Y, Wiest JS, Anderson MW, **You M** LOH of chromosome 12p correlates with Kras2 mutation in non-small cell lung cancer. *Oncogene*. 2003 Feb 27;22(8):1243-6 PMID: PMC3438910
248. Lantry LE, Zhang Z, Yao R, Crist KA, Wang Y, Ohkanda J, Hamilton AD, Sebt SM, Lubet RA, **You M** Effect of farnesyltransferase inhibitor FTI-276 on established lung adenomas from A/J mice induced by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. *Carcinogenesis*. 2000 Jan;21(1):113-6
249. Zhang Z, Liu Q, Lantry LE, Wang Y, Kelloff GJ, Anderson MW, Wiseman RW, Lubet RA, **You M** A germ-line p53 mutation accelerates pulmonary tumorigenesis: p53-independent efficacy of chemopreventive agents green tea or dexamethasone/myo-inositol and chemotherapeutic agents taxol or adriamycin. *Cancer Res*. 2000 Feb 15;60(4):901-7
250. Shilkaitis A, Graves J, Mehta RR, Hu L, **You M**, Lubet R, Steele V, Kelloff G, Christov K Bcl-2 and Bax are differentially expressed in hyperplastic, premalignant, and malignant lesions of mammary carcinogenesis. *Cell Growth Differ*. 2000 Aug;11(8):437-45
251. Lubet RA, Zhang Z, Wiseman RW, **You M** Use of p53 transgenic mice in the development of cancer models for multiple purposes. *Exp Lung Res*. 2000 Dec;26(8):581-93
252. Lantry LE, Zhang Z, Crist KA, Wang Y, Hara M, Zeck A, Lubet RA, **You M** Chemopreventive efficacy of promising farnesyltransferase inhibitors. *Exp Lung Res*. 2000 Dec;26(8):773-90
253. Herzog CR, Crist KA, Sabourin CL, Kelloff GJ, Boone CW, Stoner GD, **You M** Chromosome 3p tumor-suppressor gene alterations in cervical carcinomas. *Mol Carcinog*. 2001 Mar;30(3):159-68
254. Lu Y, Wang L, Liu P, Yang P, **You M** Gene-expression signature predicts postoperative recurrence in stage I non-small cell lung cancer patients. *PLoS One*. 2012;7(1):e30880 PMID: PMC3264655
255. Krupnick AS, Tidwell VK, Engelbach JA, Alli VV, Nehorai A, **You M**, Vikis HG, Gelman AE, Kreisel D, Garbow JR Quantitative monitoring of mouse lung tumors by magnetic resonance imaging. *Nat Protoc*. 2012 Jan;7(1):128-42 PMID: PMC3870466
256. Wang Y, Rougly L, **You M**, Lubet R Animal models of lung cancer characterization and use for chemoprevention research. *Prog Mol Biol Transl Sci*. 2012;105:211-26
257. Liu P, Lu Y, Liu H, Wen W, Jia D, Wang Y, **You M** Genome-wide association and fine mapping of genetic loci predisposing to colon carcinogenesis in mice. *Mol Cancer Res*. 2012 Jan;10(1):66-74
258. Wang Y, Yao R, Gao S, Wen W, Du Y, Szabo E, Hu M, Lubet RA, **You M** Chemopreventive effect of a mixture of Chinese Herbs (antitumor B) on chemically induced oral carcinogenesis. *Mol Carcinog*. 2013 Jan;52(1):49-56
259. Lu Y, Liu P, Van den Bergh F, Zellmer V, James M, Wen W, Grubbs CJ, Lubet RA, **You M** Modulation of gene expression and cell-cycle signaling pathways by the EGFR inhibitor gefitinib (Iressa) in rat urinary bladder cancer. *Cancer Prev Res (Phila)*. 2012 Feb;5(2):248-59
260. Freedman ML, Monteiro AN, Gayther SA, Coetzee GA, Risch A, Plass C, Casey G, De Biasi M, Carlson C, Duggan D, James M, Liu P, Tichelaar JW, Vikis HG, **You M**, Mills IG Principles for the post-GWAS functional characterization of cancer risk loci. *Nat Genet*. 2011 Jun;43(6):513-8 PMID: PMC3325768

261. Fu H, Zhang J, Pan J, Zhang Q, Lu Y, Wen W, Lubet RA, Szabo E, Chen R, Wang Y, Chen DR, **You M** Chemoprevention of lung carcinogenesis by the combination of aerosolized budesonide and oral pioglitazone in A/J mice. *Mol Carcinog.* 2011 Dec;50(12):913-21
262. Lu Y, Liu P, Wen W, Grubbs CJ, Townsend RR, Malone JP, Lubet RA, **You M** Cross-species comparison of orthologous gene expression in human bladder cancer and carcinogen-induced rodent models. *Am J Transl Res.* 2010;3(1):8-27 PMID: PMC2981423
263. Kreisel D, Gelman AE, Higashikubo R, Lin X, Vikis HG, White JM, Toth KA, Deshpande C, Carreno BM, **You M**, Taffner SM, Yokoyama WM, Bui JD, Schreiber RD, Krupnick AS Strain-specific variation in murine natural killer gene complex contributes to differences in immunosurveillance for urethane-induced lung cancer. *Cancer Res.* 2012 Sep 1;72(17):4311-7 PMID: PMC3432713
264. Xiong D, Li G, Li K, Xu Q, Pan Z, Ding F, Vedell P, Liu P, Cui P, Hua X, Jiang H, Yin Y, Zhu Z, Li X, Zhang B, Ma D, Wang Y, **You M** Exome sequencing identifies MXRA5 as a novel cancer gene frequently mutated in non-small cell lung carcinoma from Chinese patients. *Carcinogenesis.* 2012 Sep;33(9):1797-805 PMID: PMC3514907
265. James MA, Wen W, Wang Y, Byers LA, Heymach JV, Coombes KR, Girard L, Minna J, **You M** Functional characterization of CLPTM1L as a lung cancer risk candidate gene in the 5p15.33 locus. *PLoS One.* 2012;7(6):e36116 PMID: PMC3366984
266. Liu P, Morrison C, Wang L, Xiong D, Vedell P, Cui P, Hua X, Ding F, Lu Y, James M, Ebben JD, Xu H, Adjei AA, Head K, Andrae JW, Tschannen MR, Jacob H, Pan J, Zhang Q, Van den Bergh F, Xiao H, Lo KC, Patel J, Richmond T, Watt MA, Albert T, Selzer R, Anderson M, Wang J, Wang Y, Starnes S, Yang P, **You M** Identification of somatic mutations in non-small cell lung carcinomas using whole-exome sequencing. *Carcinogenesis.* 2012 Jul;33(7):1270-6 PMID: PMC3499051
267. Zhang Q, Pan J, Wang Y, Lubet R, **You M** Beetroot red (betanin) inhibits vinyl carbamate- and benzo(a)pyrene-induced lung tumorigenesis through apoptosis. *Mol Carcinog.* 2013 Sep;52(9):686-91
268. Vikis HG, Gelman AE, Franklin A, Stein L, Rymaszewski A, Zhu J, Liu P, Tichelaar JW, Krupnick AS, **You M** Neutrophils are required for 3-methylcholanthrene-initiated, butylated hydroxytoluene-promoted lung carcinogenesis. *Mol Carcinog.* 2012 Dec;51(12):993-1002 PMID: PMC3389580
269. Li HH, Li Q, Liu P, Liu Y, Li J, Wasserloos K, Chao W, **You M**, Oury TD, Chhinder S, Hackam DJ, Billiar TR, Leikauf GD, Pitt BR, Zhang LM WNT1-inducible signaling pathway protein 1 contributes to ventilator-induced lung injury. *Am J Respir Cell Mol Biol.* 2012 Oct;47(4):528-35 PMID: PMC3488625
270. Wang D, **You M** Five loci, SLT1 to SLT5, controlling the susceptibility to spontaneously occurring lung cancer in mice. *Cancer Res.* 2005 Sep 15;65(18):8158-65
271. Henderson CC, Zhang Z, Manson SR, Riehm JJ, Kataoka M, Flye MW, Garbow JR, **You M**, Weintraub SJ A moderate reduction of Bcl-x(L) expression protects against tumorigenesis; however, it also increases susceptibility to tissue injury. *Oncogene.* 2005 Oct 27;24(47):7120-4
272. Wang M, Wang Y, **You M** Identification of genetic polymorphisms through comparative DNA sequence analysis on the K-ras gene: implications for lung tumor susceptibility. *Exp Lung Res.* 2005 Mar;31(2):165-77
273. Tommasi S, Dammann R, Zhang Z, Wang Y, Liu L, Tsark WM, Wilczynski SP, Li J, **You M**, Pfeifer GP Tumor susceptibility of Rassf1a knockout mice. *Cancer Res.* 2005 Jan 1;65(1):92-8
274. Govindan R, Ding L, Griffith M, Subramanian J, Dees ND, Kanchi KL, Maher CA, Fulton R, Fulton L, Wallis J, Chen K, Walker J, McDonald S, Bose R, Ornitz D, Xiong D, **You M**, Dooling DJ, Watson M, Mardis ER, Wilson RK Genomic landscape of non-small cell lung cancer in smokers and never-smokers. *Cell.* 2012 Sep 14;150(6):1121-34 PMID: PMC3656590
275. Leikauf GD, Pope-Varsalona H, Concel VJ, Liu P, Bein K, Brant KA, Dopico RA, Di YP, Jang AS, Dietsch M, Medvedovic M, Li Q, Vuga LJ, Kaminski N, **You M**, Prows DR Functional genomics of chlorine-induced acute lung injury in mice. *Proc Am Thorac Soc.* 2010 Jul;7(4):294-6 PMID: PMC3136967
276. Fang S, Pinney SM, Bailey-Wilson JE, de Andrade MA, Li Y, Kupert E, **You M**, Schwartz AG, Yang P, Anderson MW, Amos CI Ordered subset analysis identifies loci influencing lung cancer risk on chromosomes 6q and 12q. *Cancer Epidemiol Biomarkers Prev.* 2010 Dec;19(12):3157-66 PMID: PMC3249234
277. James MA, Fu H, Liu Y, Chen DR, **You M** Dietary administration of berberine or Phellodendron amurense extract inhibits cell cycle progression and lung tumorigenesis. *Mol Carcinog.* 2011 Jan;50(1):1-7
278. Lubet RA, Lu Y, Bode AM, **You M**, Verney ZM, Steele VE, Townsend R, Juliana MM, Grubbs CJ

- Efficacy of the EGFr inhibitor Iressa on development of chemically-induced urinary bladder cancers: dose dependency and modulation of biomarkers. *Oncol Rep.* 2011 May;25(5):1389-97
279. Everitt H, Hu M, Ajmo JM, Rogers CQ, Liang X, Zhang R, Yin H, Choi A, Bennett ES, **You M** Ethanol administration exacerbates the abnormalities in hepatic lipid oxidation in genetically obese mice. *Am J Physiol Gastrointest Liver Physiol.* 2013 Jan 1;304(1):G38-47 PMID: PMC3543633
280. Dragnev K, **You M**, Wang Y, Lubet R Lung cancer chemoprevention: difficulties, promise and potential agents? *Expert Opin Investig Drugs.* 2013 Jan;22(1):35-47
281. Vedell PT, Lu Y, Grubbs CJ, Yin Y, Jiang H, Bland KI, Muccio DD, Cvetkovic D, **You M**, Lubet R Effects on gene expression in rat liver after administration of RXR agonists: UAB30, 4-methyl-UAB30, and Targretin (Bexarotene). *Mol Pharmacol.* 2013 Mar;83(3):698-708 PMID: PMC3583492
282. Kilari S, Remadevi I, Zhao B, Pan J, Miao R, Ramchandran R, North PE, **You M**, Rahimi N, Wilkinson GA Endothelial cell-specific chemotaxis receptor (ECSCR) enhances vascular endothelial growth factor (VEGF) receptor-2/kinase insert domain receptor (KDR) activation and promotes proteolysis of internalized KDR. *J Biol Chem.* 2013 Apr 12;288(15):10265-74 PMID: PMC3624410
283. **You MS**, Rouggy LC, **You M**, Wang Y Mouse models of lung squamous cell carcinomas. *Cancer Metastasis Rev.* 2013 Jun;32(1-2):77-82
284. Pan J, Zhang Q, Li K, Liu Q, Wang Y, **You M** Chemoprevention of lung squamous cell carcinoma by ginseng. *Cancer Prev Res (Phila).* 2013 Jun;6(6):530-9
285. Shoghi KI, Xu J, Su Y, He J, Rowland D, Yan Y, Garbow JR, Tu Z, Jones LA, Higashikubo R, Wheeler KT, Lubet RA, Mach RH, **You M** Quantitative receptor-based imaging of tumor proliferation with the sigma-2 ligand [(18F)]ISO-1. *PLoS One.* 2013;8(9):e74188 PMID: PMC3779213
286. Lu Y, **You M**, Ghazoui Z, Liu P, Vedell PT, Wen W, Bode AM, Grubbs CJ, Lubet RA Concordant effects of aromatase inhibitors on gene expression in ER+ Rat and human mammary cancers and modulation of the proteins coded by these genes. *Cancer Prev Res (Phila).* 2013 Nov;6(11):1151-61 PMID: PMC3874590
287. Wilson IM, Vucic EA, Enfield KS, Thu KL, Zhang YA, Chari R, Lockwood WW, Radulovich N, Starczynowski DT, Banáth JP, Zhang M, Pusic A, Fuller M, Lonergan KM, Rowbotham D, Yee J, English JC, Buys TP, Selamat SA, Laird-Offringa IA, Liu P, Anderson M, **You M**, Tsao MS, Brown CJ, Bennewith KL, MacAulay CE, Karsan A, Gazdar AF, Lam S, Lam WL EYA4 is inactivated biallelically at a high frequency in sporadic lung cancer and is associated with familial lung cancer risk. *Oncogene.* 2014 Sep 4;33(36):4464-73 PMID: PMC4527534
288. Ma J, Xiong M, **You M**, Lozano G, Amos CI Genome-wide association tests of inversions with application to psoriasis. *Hum Genet.* 2014 Aug;133(8):967-74 PMID: PMC4281304
289. Morrison CD, Liu P, Woloszynska-Read A, Zhang J, Luo W, Qin M, Bshara W, Conroy JM, Sabatini L, Vedell P, Xiong D, Liu S, Wang J, Shen H, Li Y, Omilian AR, Hill A, Head K, Guru K, Kunnev D, Leach R, Eng KH, Darlak C, Hoeflich C, Veeranki S, Glenn S, **You M**, Pruitt SC, Johnson CS, Trump DL Whole-genome sequencing identifies genomic heterogeneity at a nucleotide and chromosomal level in bladder cancer. *Proc Natl Acad Sci U S A.* 2014 Feb 11;111(6):E672-81 PMID: PMC3926024
290. James MA, Vikis HG, Tate E, Rymaszewski AL, **You M** CRR9/CLPTM1L regulates cell survival signaling and is required for Ras transformation and lung tumorigenesis. *Cancer Res.* 2014 Feb 15;74(4):1116-27
291. Pan J, Zhang Q, Xiong D, Vedell P, Yan Y, Jiang H, Cui P, Ding F, Tichelaar JW, Wang Y, Lubet RA, **You M** Transcriptomic analysis by RNA-seq reveals AP-1 pathway as key regulator that green tea may rely on to inhibit lung tumorigenesis. *Mol Carcinog.* 2014 Jan;53(1):19-29
292. Deng B, Molina J, Aubry MC, Sun Z, Wang L, Eckloff BW, Vasmatazis G, **You M**, Wieben ED, Jen J, Wigle DA, Yang P Clinical biomarkers of pulmonary carcinoid tumors in never smokers via profiling miRNA and target mRNA. *Cell Biosci.* 2014;4:35 PMID: PMC4124500
293. Wang Y, Xue J, Zhou X, **You M**, Du Q, Yang X, He J, Zou J, Cheng L, Li M, Li Y, Zhu Y, Li J, Shi W, Xu X Oral microbiota distinguishes acute lymphoblastic leukemia pediatric hosts from healthy populations. *PLoS One.* 2014;9(7):e102116 PMID: PMC4099009
294. Zhang Q, Pan J, Lubet RA, Wang Y, **You M** Targeting the insulin-like growth factor-1 receptor by picropodophyllin for lung cancer chemoprevention. *Mol Carcinog.* 2015 Jun;54 Suppl 1:E129-37
295. Sun Z, Wang L, Eckloff BW, Deng B, Wang Y, Wampfler JA, Jang J, Wieben ED, Jen J, **You M**, Yang P Conserved recurrent gene mutations correlate with pathway deregulation and clinical outcomes of lung adenocarcinoma in never-smokers. *BMC Med Genomics.* 2014;7:32 PMID: PMC4060138
296. Geborek P, Lindoff B, Valind SO Measurement of oxygen and carbon dioxide partial pressures in synovial

- fluid after tonometry. *Clin Physiol*. 1988 Aug;8(4):427-32
297. Tobias ML, Kelley DB Electrophysiology and dye-coupling are sexually dimorphic characteristics of individual laryngeal muscle fibers in *Xenopus laevis*. *J Neurosci*. 1988 Jul;8(7):2422-9 PMID: PMC3493212
298. Zhang Z, Wang Y, Vikis HG, Johnson L, Liu G, Li J, Anderson MW, Sills RC, Hong HL, Devereux TR, Jacks T, Guan KL, **You M** Wildtype *Kras2* can inhibit lung carcinogenesis in mice. *Nat Genet*. 2001 Sep;29(1):25-33
299. Deng B, Molina J, Aubry MC, Sun Z, Wang L, Eckloff BW, Vasmatzis G, **You M**, Wieben ED, Jen J, Wigle DA, Yang P Clinical biomarkers of pulmonary carcinoid tumors in never smokers via profiling miRNA and target mRNA. *Cell Biosci*. 2014;4:35 PMID: PMC4124500
300. Inoki K, Ouyang H, Zhu T, Lindvall C, Wang Y, Zhang X, Yang Q, Bennett C, Harada Y, Stankunas K, Wang CY, He X, MacDougald OA, **You M**, Williams BO, Guan KL *TSC2* integrates Wnt and energy signals via a coordinated phosphorylation by AMPK and GSK3 to regulate cell growth. *Cell*. 2006 Sep 8;126(5):955-68
301. **You M**, Wang D, Liu P, Vikis H, James M, Lu Y, Wang Y, Wang M, Chen Q, Jia D, Liu Y, Wen W, Yang P, Sun Z, Pinney SM, Zheng W, Shu XO, Long J, Gao YT, Xiang YB, Chow WH, Rothman N, Petersen GM, de Andrade M, Wu Y, Cunningham JM, Wiest JS, Fain PR, Schwartz AG, Girard L, Gazdar A, Gaba C, Rothschild H, Mandal D, Coons T, Lee J, Kupert E, Seminara D, Minna J, Bailey-Wilson JE, Amos CI, Anderson MW Fine mapping of chromosome 6q23-25 region in familial lung cancer families reveals *RGS17* as a likely candidate gene. *Clin Cancer Res*. 2009 Apr 15;15(8):2666-74 PMID: PMC2746091
302. Liu P, Morrison C, Wang L, Xiong D, Vedell P, Cui P, Hua X, Ding F, Lu Y, James M, Ebben JD, Xu H, Adjei AA, Head K, Andrae JW, Tschannen MR, Jacob H, Pan J, Zhang Q, Van den Bergh F, Xiao H, Lo KC, Patel J, Richmond T, Watt MA, Albert T, Selzer R, Anderson M, Wang J, Wang Y, Starnes S, Yang P, **You M** Identification of somatic mutations in non-small cell lung carcinomas using whole-exome sequencing. *Carcinogenesis*. 2012 Jul;33(7):1270-6 PMID: PMC3499051
303. Zhang Q, Pan J, Lubet RA, Komaz SM, Kalyanaraman B, Wang Y, **You M** Enhanced antitumor activity of 3-bromopyruvate in combination with rapamycin in vivo and in vitro. *Cancer Prev Res (Phila)*. 2015 Apr;8(4):318-26
304. Xiong D, Wang Y, Kupert E, Simpson C, Pinney SM, Gaba CR, Mandal D, Schwartz AG, Yang P, de Andrade M, Pikielny C, Byun J, Li Y, Stambolian D, Spitz MR, Liu Y, Amos CI, Bailey-Wilson JE, Anderson M, **You M** A recurrent mutation in *PARK2* is associated with familial lung cancer. *Am J Hum Genet*. 2015 Feb 5;96(2):301-8 PMID: PMC4320264
305. Pan J, Zhang Q, Liu Q, Komaz SM, Kalyanaraman B, Lubet RA, Wang Y, **You M** Honokiol inhibits lung tumorigenesis through inhibition of mitochondrial function. *Cancer Prev Res (Phila)*. 2014 Nov;7(11):1149-59
306. Xiong D, Wang Y, **You M** *PARK2* gene and familial lung cancer: what is the link? *Future Oncol*. 2015;11(12):1707-10
307. Lieberman R, Xiong D, James M, Han Y, Amos CI, Wang L, **You M** Functional characterization of *RAD52* as a lung cancer susceptibility gene in the 12p13.33 locus. *Mol Carcinog*. 2016 May;55(5):953-63 PMID: PMC4662629
308. Lee Y, Wang Y, James M, Jeong JH, **You M** Inhibition of IGF1R signaling abrogates resistance to afatinib (BIBW2992) in EGFR T790M mutant lung cancer cells. *Mol Carcinog*. 2016 May;55(5):991-1001
309. Ebben JD, Lubet RA, Gad E, Disis ML, **You M** Epidermal growth factor receptor derived peptide vaccination to prevent lung adenocarcinoma formation: An in vivo study in a murine model of EGFR mutant lung cancer. *Mol Carcinog*. 2015 Sep 7:
310. Liu Y, Kheradmand F, Davis CF, Scheurer ME, Wheeler D, Tsavachidis S, Armstrong G, Simpson C, Mandal D, Kupert E, Anderson M, **You M**, Xiong D, Pikielny C, Schwartz AG, Bailey-Wilson J, Gaba C, De Andrade M, Yang P, Pinney SM, Genetic Epidemiology of Lung Cancer Consortium, Amos CI, Spitz MR Focused Analysis of Exome Sequencing Data for Rare Germline Mutations in Familial and Sporadic Lung Cancer. *J Thorac Oncol*. 2016 Jan;11(1):52-61 PMID: PMC4714038
311. Lu C, Xie M, Wendl MC, Wang J, McLellan MD, Leiserson MD, Huang KL, Wyczalkowski MA, Jayasinghe R, Banerjee T, Ning J, Tripathi P, Zhang Q, Niu B, Ye K, Schmidt HK, Fulton RS, McMichael JF, Batra P, Kandoth C, Bharadwaj M, Koboldt DC, Miller CA, Kanchi KL, Eldred JM, Larson DE, Welch JS, **You M**, Ozenberger BA, Govindan R, Walter MJ, Ellis MJ, Mardis ER, Graubert TA, Dipersio JF, Ley TJ, Wilson RK, Goodfellow PJ, Raphael BJ, Chen F, Johnson KJ, Parvin JD, Ding L Patterns and functional implications of rare germline variants across 12 cancer

- types. *Nat Commun.* 2015;6:10086 PMID: PMC4703835
312. Pan J, Lee Y, Wang Y, **You M** Honokiol targets mitochondria to halt cancer progression and metastasis. *Mol Nutr Food Res.* 2016 Jun;60(6):1383-95