

CURRICULUM VITAE

Jing Dong PhD

Assistant Professor
Department of Medicine
Division of Hematology and Oncology - Medicine

OFFICE ADDRESS:

Health Research Center
8701 Watertown Plank Rd
Milwaukee, WI 53226

EDUCATION:

09/2002 - 07/2007 BS, Nanjing Medical University, Jiangsu, China
09/2007 - 06/2012 PhD, Nanjing Medical University, Jiangsu, China

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

10/2012 - 03/2017 Postdoctoral Fellow, Branch of Epidemiology, NIEHS/NIH, Research Triangle Park, NC
03/2017 - 06/2020 Postdoctoral Associate,, Dan L. Duncan Comprehensive Cancer Center, Baylor College of Medicine, Cancer Prevention and Research Institute of Texas (CPRIT), Houston, TX

FACULTY APPOINTMENTS:

07/2020 - Present Assistant Professor, Medicine, Hematology and Oncology, Medical College of Wisconsin, Milwaukee, WI
09/2022 - Present Faculty, Community and Cancer Science Network (CCSN) Milwaukee Lung Cancer Collaborative Work Group Initiative
08/2023 - Present Assistant Professor, Graduate School Faculty and Qualified Primary Master's Thesis Mentor in the Precision Medicine program, Medical College of Wisconsin, Milwaukee, WI

AWARDS AND HONORS:

07/2010 IARC/WHO summer fellowship in Cancer Epidemiology
07/2012 Outstanding Graduate , Nanjing Medical University
07/2012 Outstanding Student , Jiangsu Province
07/2013 Outstanding Doctoral Dissertation , Jiangsu Province
07/2014 First Class Award in Research Achievements (Science and Technology), Ministry of Education of China
03/2017 CPRIT-awarded Postdoc Associate
06/2017 AACR Workshop on Integrative Molecular Epidemiology, Boston, MA
05/2022 MCW Cancer Center Scientific Retreat Best Poster Award, Medical College of Wisconsin
12/2023 Faculty Development Award, Department of Medicine, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2013 - Present The American Society of Human Genetics (ASHG)
2017 - Present The American Association for Cancer Research (AACR)
2020 - Present The American Society of Hematology (ASH)
2020 - Present The American Society for Transplantation and Cellular Therapy (ASTCT)
2020 - Present Immunology Working Committee, Center for International Blood and Marrow Transplant Research (CIBMTR)
2022 - Present Community and Cancer Science Network (CCSN)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

06/2020 - Present BMC Cancer

05/2022 - Present Applied Genetic Epidemiology/Frontiers in Genetics

Editorial Board

08/2015 - Present Annals of Translational Medicine

08/2015 - Present Frontiers in Genetics

03/2016 - Present JSM Biology

09/2016 - Present Austin Cardiology

02/2017 - Present EC Neurology

09/2017 - Present Journal of Cancer Research Forecast

Journal Review

02/2014 - Present Tumor Biology

02/2014 - Present PLOS One

02/2014 - Present Parkinsonism & Related Disorders

04/2014 - Present Annals of Surgical Oncology

04/2014 - Present Lung Cancer

05/2014 - Present Mutation Research

07/2014 - Present Carcinogenesis

07/2014 - Present Chinese J of Cancer Res

09/2014 - Present Journal of Bioanalysis & Biomedicine

01/2015 - Present Gene

04/2015 - Present The International Journal of Neuroscience

06/2015 - Present Frontiers of Medicine

07/2015 - Present Oncotarget

08/2015 - Present Frontiers in Genetics

08/2015 - Present The Pharmacogenomics Journal

12/2015 - Present Gerontology and Geriatric Medicine

08/2017 - Present Clinical Epigenetics

01/2018 - Present Journal of Cellular Physiology

01/2018 - Present Cancer Medicine

03/2018 - Present Clinical Genetics

12/2018 - Present Clin Gastroenterol Hepatol

02/2019 - Present Journal of Cellular and Molecular Medicine

05/2019 - Present Cancer Causes & Control

09/2019 - Present International Journal of Epidemiology

10/2019 - Present Mitochondrion

12/2019 - Present Liver International

01/2020 - Present Communications Biology

05/2020 - Present Journal of Cellular Biochemistry

10/2020 - Present Human Molecular Genetics

10/2021 - Present PLOS Global Public Health

02/2022 - Present Cell Death Discovery

03/2022 - Present Biomarkers

07/2022 - Present Human Genetics and Genomics Advances

08/2022 - Present Journal of Inflammation Research

09/2022 - Present Journal of Hematology

10/2023 - Present eLife

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

07/2020 Cancer Control Faculty Search Committee, Medical College of Wisconsin

06/2022 Mentor, Summer Program for Undergraduate Research (SPUR)

10/2022 Judge, Summer Academic Program for Medical Students (SAMS) and the Medical Student Summer Research Program (MSSRP) Poster

06/2023 Mentor, Summer Academic Program for Medical Students (SAMS) & Medical Student Summer Research Program (MSSRP)

01/2024 Mentor, Staff Mentorship Program, Medical College of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

04/2022 - Present Grad Award Study Section, ASH

05/2023 - Present The Early Career Reviewer (ECR) program at the Center for Scientific Review (CSR),
National Institutes of Health

02/2024 Basic Mechanisms in Cancer Health Disparity (BMCD) study section in Basic and Translational
Cancer (BTC) Review Branch, National Institutes of Health

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**Active****Peer Review**

Title:	Landscape of pathogenic germline variants in multiple myeloma and its precursor in African Americans
Source:	American Cancer Society-Institutional Research Grant
Role & Effort:	Principal Investigator
PI:	Dong, Jing
Dates:	04/01/2022 - 03/31/2024
Direct Funds:	\$50,000
Title:	Prognostic implications of mitochondrial inheritance in myelodysplastic syndromes after stem-cell transplantation
Source:	NHLBI K01 (1K01HL164972-01A1)
Role & Effort:	Principal Investigator
PI:	Dong, Jing
Dates:	04/20/2023 - 03/31/2028
Direct Funds:	\$783,000
Title:	Molecular determinants of MGUS progression to multiple myeloma in African Americans
Source:	Mellows Center 'omics Mini-Grant
Role & Effort:	Principal Investigator
PI:	Dong, Jing
Dates:	12/08/2023 - 12/07/2024
Direct Funds:	\$2,000

Pending**Peer Review**

Title:	Clinical and genetic epidemiological study of racial disparities in the outcome of multiple myeloma
Source:	ASH Scholar Award
Role & Effort:	Principal Investigator
PI:	Dong, Jing
Title:	Treatment of multiple myeloma using armored CAR T-cells
Source:	Department of Defense-Translational Team Science Award
Role & Effort:	Co-Investigator
Title:	Study of Circulating Immune Biomarkers to Address Racial

Source: Disparities in Multiple Myeloma
 NCI R21
 Role & Effort: Principal Investigator
 PI: Dong, Jing

Title: Discovery and functional
 characterization of genes predisposing to
 multiple myeloma

Source: NCI R01
 Role & Effort: Co-Investigator

Title: Immune Biomarkers to Predict
 Immunotherapy Response in Multiple
 Myeloma

Source: American Cancer Society-Discovery
 Boost Grant
 Role & Effort: Principal Investigator
 PI: Dong, Jing

Prior

Peer Review

Title: The association between MDM2
 polymorphism and non-small cell lung
 cancer survival

Source: Research Innovation Program of Jiangsu
 Province

Role & Effort: Principal Investigator
 PI: Dong, Jing
 Dates: 2010 - 2012
 Direct Funds: \$70,000

Title: Genome-wide scan for susceptibility loci
 of multiple myeloma in African
 Americans

Source: Advancing a Healthier Wisconsin
 Role & Effort: Principal Investigator
 PI: Dong, Jing
 Dates: 07/01/2020 - 06/30/2021
 Direct Funds: \$160,667

Title: Leveraging the biology of cancer health
 disparities to improve outcomes in
 multiple myeloma

Source: MCW-Cancer Center Team Science
 Role & Effort: Co-Investigator
 PI: Janz, Siegfried
 Dates: 03/01/2021 - 02/28/2023
 Direct Funds: \$300,000

Title: Genomic landscape and evolutionary
 trajectory of multiple myeloma and its
 precursors in African Americans

Source: MCW-Cancer Center/GSPMC Pilot
 Grant
 Role & Effort: Principal Investigator
 PI: Dong, Jing

Dates: 03/01/2021 - 02/28/2022
Direct Funds: \$15,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

National

Dong, Jing, AACR Workshop on Integrative Molecular Epidemiology, Boston, MA, 07/10/2017 - 07/14/2017

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Dong, Jing, Susceptibility Loci for Pigmentation and Melanoma in Relation to Parkinson's Disease, ASHG 2013 Annual Meeting, Boston, MA, 10/22/2013 - 10/26/2013

Dong, Jing, Genome-Wide Association Analysis of the Sense of Smell in U.S. Older Adults: Identification of Novel Risk Loci in African-Americans and European-Americans, ASHG 2015 Annual Meeting, Baltimore, MD, 10/06/2015 - 10/10/2015

Dong, Jing, Risk Prediction for Barrett's Esophagus and Esophageal Adenocarcinoma: Incorporation of Epidemiologic Risk Factors and 23 Confirmed Genetic Loci, AACR 2018 Annual meeting, Chicago, IL, 04/14/2018 - 04/18/2018

Dong, Jing, Sex Differences in Genetic Associations with Barrett's Esophagus and Esophageal Adenocarcinoma, TMC 10th Annual Frontiers in Digestive Diseases Symposium, Houston, TX, 03/02/2019

Dong, Jing, Vitamin D concentration and the risks of Barrett's esophagus and esophageal adenocarcinoma: A Mendelian randomization study, AACR 2019 Annual meeting, Atlanta, GA, 03/29/2019 - 04/02/2019

Dong, Jing, Sex Differences in Genetic Associations with Barrett's Esophagus and Esophageal Adenocarcinoma, Dan L Duncan Comprehensive Cancer Center 16th Annual Symposium, Houston, TX, 04/06/2019

Dong, Jing, Sex Differences in Genetic Associations with Barrett's Esophagus and Esophageal Adenocarcinoma, ASHG 2019 Annual Meeting, Houston, TX, 10/15/2019 - 10/19/2019

Dong, Jing, Characteristics Associated with Disparities in Survival between Hispanic and Non-Hispanic White Patients with Multiple Myeloma: A Matched Cohort Study, ASH 2021 Annual Meeting, Atlanta, GA, 12/11/2021 - 12/14/2021

Benjamin Massat (Mentee), ...Dong, Jing, Association of Human Leukocyte Antigen Variants with Progression of Monoclonal Gammopathy of Undetermined Significance to Multiple Myeloma, ASH 2022 Annual Meeting, New Orleans, LA, 12/10/2022 - 12/13/2022

Dong, Jing, Prognostic Impact and Landscape of Mitochondrial DNA Variants in Myelodysplastic Syndromes Undergoing Allogenic Hematopoietic Cell Transplantation, ASH 2022 Annual Meeting, New Orleans, LA, 12/10/2022 - 12/13/2022

Dong, Jing, Impaired Plasma B Cell Markers in CD138+ Cells Predict Prognosis in Multiple Myeloma, ASH 2022 Annual Meeting, New Orleans, LA, 12/10/2022 - 12/13/2022

Local

Dong, Jing, Prognostic Impact and Landscape of Mitochondrial DNA Variants in Myelodysplastic Syndromes Undergoing Allogenic Hematopoietic Cell Transplantation, MCW Cancer Center Scientific Retreat, Milwaukee, WI, 05/13/2022

COMMITTEE SERVICE:

Medical College of Wisconsin

07/2020 - Present Member, Cancer Control Faculty Search Committee, Medical College of Wisconsin

07/2020 - Present Member, Immunology Working Committee, CIBMTR, Medicine, Medical College of Wisconsin

MCW TEACHING ACTIVITIES:

Graduate Student Education

09/2009 - 06/2012 Graduate Teaching Assistant in Epidemiology

03/2019 Genetic Epidemiology & Population Genetics (GS-GE-423)
04/2024 Bioinformatics for Systems Biology (BIIN 17150)

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

05/2023 - Present Kristin Seidler, Mentor, Medical College of Wisconsin, Summer Academic program for Medical Students (SAMS) & Medical Student Summer Research Program (MSSRP)

05/2023 - Present Zeina Nader, Mentor, Medical College of Wisconsin, Summer Academic program for Medical Students (SAMS) & Medical Student Summer Research Program (MSSRP)

Postdoctoral Researchers

07/2023 - Present Shahram Arsang-Jang, Supervisor, Medical College of Wisconsin

Residents

01/2022 - Present Bicky Thapa, Research mentor, Medical College of Wisconsin

01/2022 - Present Benjamin Massat, Research mentor, Medical College of Wisconsin

Clinical Staff

06/2021 - 09/2023 Christopher Staffi Buradagunta, Research mentor, Medical College of Wisconsin

01/2024 - 06/2024 William Eastham, Career development mentor, Medical College of Wisconsin

PATENTS IN CHINA:

1. Primary Lung cancer diagnosis related SNP markers and their applications (CN102534009 B)
2. Gastric non-cardia adenocarcinoma diagnosis related SNP markers and their applications (CN 102534008 A)
3. Non-small cell lung cancer prognosis related serum/plasma miRNA markers and their applications (CN101638656 B)
4. Applications of endogenous controls in the detection of serum/plasma miRNAs (CN 102443638 B)
5. Breast Cancer related serum/plasma miRNA markers and their applications (CN 101921760 A)
6. Cervical Cancer and CIN related serum/plasma miRNA markers and their applications (CN 101921759 B)
7. Pancreatic Cancer related serum/plasma miRNA markers and their applications (CN 102876676 B)
8. Gestational diabetes mellitus related serum/plasma miRNA markers and their applications (CN 102031261 A)

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Lu C, **Dong J**, Ma H, Jin G, Hu Z, Peng Y, Guo X, Wang X, Shen H. CCND1 G870A polymorphism contributes to breast cancer susceptibility: a meta-analysis. *Breast Cancer Res Treat.* 2009 Aug;116(3):571-5.
2. **Dong J**, Dai J, Shu Y, Pan S, Xu L, Chen W, Wang Y, Jin G, Ma H, Zhang M, Hu Z, Shen H. Polymorphisms in EGFR and VEGF contribute to non-small-cell lung cancer survival in a Chinese population. *Carcinogenesis.* 2010 Jun;31(6):1080-6.
3. **Dong J**, Dai J, Zhang M, Hu Z, Shen H. Potentially functional COX-2-1195G>A polymorphism increases the risk of digestive system cancers: a meta-analysis. *J Gastroenterol Hepatol.* 2010 Jun;25(6):1042-50.
4. **Dong J**, Ren B, Hu Z, Chen J, Hu L, Dai J, Jin G, Xu L, Shen H. MDM2 SNP309 contributes to non-small cell lung cancer survival in Chinese. *Mol Carcinog.* 2011 Jun;50(6):433-8.
5. Hu Z, **Dong J**, Wang LE, Ma H, Liu J, Zhao Y, Tang J, Chen X, Dai J, Wei Q, Zhang C, Shen H. Serum microRNA profiling and breast cancer risk: the use of miR-484/191 as endogenous controls. *Carcinogenesis.* 2012 Apr;33(4):828-34.
6. **Dong J**, Hu Z, Shu Y, Pan S, Chen W, Wang Y, Hu L, Jiang Y, Dai J, Ma H, Jin G, Shen H. Potentially functional polymorphisms in DNA repair genes and non-small-cell lung cancer survival: a pathway-based analysis. *Mol Carcinog.* 2012 Jul;51(7):546-52.
7. **Dong J**, Jin G, Wu C, Guo H, Zhou B, Lv J, Lu D, Shi Y, Shu Y, Xu L, Chu M, Wang C, Zhang R, Dai J, Jiang Y, Yu D, Ma H, Zhao X, Yin Z, Yang L, Li Z, Deng Q, Cao S, Qin Z, Gong J, Sun C, Wang J, Wu W, Zhou G, Chen H, Guan P, Chen Y, Liu X, Liu L, Xu P, Han B, Bai C, Zhao Y, Zhang H, Yan

- Y, Liu J, Amos CI, Chen F, Tan W, Jin L, Wu T, Hu Z, Lin D, Shen H. Genome-wide association study identifies a novel susceptibility locus at 12q23.1 for lung squamous cell carcinoma in han chinese. *PLoS Genet.* 2013;9(1):e1003190. PMID: PMC3547794
8. **Dong J**, Gao J, Nalls M, Gao X, Huang X, Han J, Singleton AB, Chen H, International Parkinson's Disease Genomics Consortium (IPDGC). Susceptibility loci for pigmentation and melanoma in relation to Parkinson's disease. *Neurobiol Aging.* 2014 Jun;35(6):1512.e5-1512.e10. PMID: PMC3961492
 9. Chen X, Han S, Wang S, Zhou X, Zhang M, **Dong J**, Shi X, Qian N, Wang X, Wei Q, Shen H, Hu Z. Interactions of IL-12A and IL-12B polymorphisms on the risk of cervical cancer in Chinese women. *Clin Cancer Res.* 2009 Jan 01;15(1):400-5.
 10. Zhou X, Han S, Wang S, Chen X, **Dong J**, Shi X, Xia Y, Wang X, Hu Z, Shen H. Polymorphisms in HPV E6/E7 protein interacted genes and risk of cervical cancer in Chinese women: a case-control analysis. *Gynecol Oncol.* 2009 Aug;114(2):327-31.
 11. Chen W, Wang S, Tian T, Bai J, Hu Z, Xu Y, **Dong J**, Chen F, Wang X, Shen H. Phenotypes and genotypes of insulin-like growth factor 1, IGF-binding protein-3 and cancer risk: evidence from 96 studies. *Eur J Hum Genet.* 2009 Dec;17(12):1668-75. PMID: PMC2987015
 12. Dai J, Jin G, **Dong J**, Chen Y, Xu L, Hu Z, Shen H. Prognostic significance of survivin polymorphisms on non-small cell lung cancer survival. *J Thorac Oncol.* 2010 Nov;5(11):1748-54.
 13. Zhang M, Hu L, Shen H, **Dong J**, Shu Y, Xu L, Jin G, Tian T, Hu Z, Shen H. Candidate variants at 6p21.33 and 6p22.1 and risk of non-small cell lung cancer in a Chinese population. *Int J Mol Epidemiol Genet.* 2010;1(1):11-8. PMID: PMC3076751
 14. Zhang M, Hu Z, Huang J, Shu Y, Dai J, Jin G, Tang R, **Dong J**, Chen Y, Xu L, Huang X, Shen H. A 3'-untranslated region polymorphism in IGF1 predicts survival of non-small cell lung cancer in a Chinese population. *Clin Cancer Res.* 2010 Feb 15;16(4):1236-44.
 15. Qian N, Chen X, Han S, Qiang F, Jin G, Zhou X, **Dong J**, Wang X, Shen H, Hu Z. Circulating IL-1beta levels, polymorphisms of IL-1B, and risk of cervical cancer in Chinese women. *J Cancer Res Clin Oncol.* 2010 May;136(5):709-16.
 16. Li N, **Dong J**, Hu Z, Shen H, Dai M. Potentially functional polymorphisms in ESR1 and breast cancer risk: a meta-analysis. *Breast Cancer Res Treat.* 2010 May;121(1):177-84.
 17. Hu Z, Shu Y, Chen Y, Chen J, **Dong J**, Liu Y, Pan S, Xu L, Xu J, Wang Y, Dai J, Ma H, Jin G, Shen H. Genetic polymorphisms in the precursor MicroRNA flanking region and non-small cell lung cancer survival. *Am J Respir Crit Care Med.* 2011 Mar 01;183(5):641-8.
 18. Qian Y, Zhang JP, **Dong J**, Wang FR, Lin YD, Xu M, Wu LL, Shi P, Shen HB. [Relationship between polymorphisms of X-ray repair cross-complementing group 1 gene Arg194Trp, Arg399Gln and susceptibility of breast cancer]. *Zhonghua Yu Fang Yi Xue Za Zhi.* 2010 Mar;44(3):242-6.
 19. Dai J, Hu Z, **Dong J**, Xu L, Pan S, Jiang Y, Jin G, Chen Y, Shen H. Host immune gene polymorphisms were associated with the prognosis of non-small-cell lung cancer in Chinese. *Int J Cancer.* 2012 Feb 01;130(3):671-6.
 20. Han J, Jiang T, Bai H, Gu H, **Dong J**, Ma H, Hu Z, Shen H. Genetic variants of 6q25 and breast cancer susceptibility: a two-stage fine mapping study in a Chinese population. *Breast Cancer Res Treat.* 2011 Oct;129(3):901-7.
 21. Shi Y, Hu Z, Wu C, Dai J, Li H, **Dong J**, Wang M, Miao X, Zhou Y, Lu F, Zhang H, Hu L, Jiang Y, Li Z, Chu M, Ma H, Chen J, Jin G, Tan W, Wu T, Zhang Z, Lin D, Shen H. A genome-wide association study identifies new susceptibility loci for non-cardia gastric cancer at 3q13.31 and 5p13.1. *Nat Genet.* 2011 Oct 30;43(12):1215-8.
 22. Liu JB, Qiang FL, **Dong J**, Cai J, Zhou SH, Shi MX, Chen KP, Hu ZB. Plasma DNA methylation of Wnt antagonists predicts recurrence of esophageal squamous cell carcinoma. *World J Gastroenterol.* 2011 Nov 28;17(44):4917-21. PMID: PMC3235636
 23. Dai J, Hu Z, Jiang Y, Shen H, **Dong J**, Ma H, Shen H. Breast cancer risk assessment with five independent genetic variants and two risk factors in Chinese women. *Breast Cancer Res.* 2012 Jan 23;14(1):R17. PMID: PMC3496134
 24. Ma H, Li H, Jin G, Dai J, **Dong J**, Qin Z, Chen J, Wang S, Wang X, Hu Z, Shen H. Genetic variants at 14q24.1 and breast cancer susceptibility: a fine-mapping study in Chinese women. *DNA Cell Biol.* 2012 Jun;31(6):1114-20. PMID: PMC3378955
 25. Wu W, Hu Z, Qin Y, **Dong J**, Dai J, Lu C, Zhang W, Shen H, Xia Y, Wang X. Seminal plasma microRNAs: potential biomarkers for spermatogenesis status. *Mol Hum Reprod.* 2012 Oct;18(10):489-97.
 26. **Dong J**, Hu Z, Wu C, Guo H, Zhou B, Lv J, Lu D, Chen K, Shi Y, Chu M, Wang C, Zhang R, Dai J, Jiang

- Y, Cao S, Qin Z, Yu D, Ma H, Jin G, Gong J, Sun C, Zhao X, Yin Z, Yang L, Li Z, Deng Q, Wang J, Wu W, Zheng H, Zhou G, Chen H, Guan P, Peng Z, Chen Y, Shu Y, Xu L, Liu X, Liu L, Xu P, Han B, Bai C, Zhao Y, Zhang H, Yan Y, Amos CI, Chen F, Tan W, Jin L, Wu T, Lin D, Shen H. Association analyses identify multiple new lung cancer susceptibility loci and their interactions with smoking in the Chinese population. *Nat Genet.* 2012 Jul 15;44(8):895-9. PMID: PMC6628171
27. Hu L, Wu C, Zhao X, Heist R, Su L, Zhao Y, Han B, Cao S, Chu M, Dai J, **Dong J**, Shu Y, Xu L, Chen Y, Wang Y, Lu F, Jiang Y, Yu D, Chen H, Tan W, Ma H, Chen J, Jin G, Wu T, Lu D, Christiani DC, Lin D, Hu Z, Shen H. Genome-wide association study of prognosis in advanced non-small cell lung cancer patients receiving platinum-based chemotherapy. *Clin Cancer Res.* 2012 Oct 01;18(19):5507-14. PMID: PMC3723686
28. Jin G, Ma H, Wu C, Dai J, Zhang R, Shi Y, Lu J, Miao X, Wang M, Zhou Y, Chen J, Li H, Pan S, Chu M, Lu F, Yu D, Jiang Y, **Dong J**, Hu L, Chen Y, Xu L, Shu Y, Pan S, Tan W, Zhou B, Lu D, Wu T, Zhang Z, Chen F, Wang X, Hu Z, Lin D, Shen H. Genetic variants at 6p21.1 and 7p15.3 are associated with risk of multiple cancers in Han Chinese. *Am J Hum Genet.* 2012 Nov 02;91(5):928-34. PMID: PMC3487121
29. Lan Q, Hsiung CA, Matsuo K, Hong YC, Seow A, Wang Z, Hosgood HD 3rd, Chen K, Wang JC, Chatterjee N, Hu W, Wong MP, Zheng W, Caporaso N, Park JY, Chen CJ, Kim YH, Kim YT, Landi MT, Shen H, Lawrence C, Burdett L, Yeager M, Yuenger J, Jacobs KB, Chang IS, Mitsudomi T, Kim HN, Chang GC, Bassig BA, Tucker M, Wei F, Yin Z, Wu C, An SJ, Qian B, Lee VH, Lu D, Liu J, Jeon HS, Hsiao CF, Sung JS, Kim JH, Gao YT, Tsai YH, Jung YJ, Guo H, Hu Z, Hutchinson A, Wang WC, Klein R, Chung CC, Oh IJ, Chen KY, Berndt SI, He X, Wu W, Chang J, Zhang XC, Huang MS, Zheng H, Wang J, Zhao X, Li Y, Choi JE, Su WC, Park KH, Sung SW, Shu XO, Chen YM, Liu L, Kang CH, Hu L, Chen CH, Pao W, Kim YC, Yang TY, Xu J, Guan P, Tan W, Su J, Wang CL, Li H, Siho AD, Zhao Z, Chen Y, Choi YY, Hung JY, Kim JS, Yoon HI, Cai Q, Lin CC, Park IK, Xu P, **Dong J**, Kim C, He Q, Perg RP, Kohno T, Kweon SS, Chen CY, Vermeulen R, Wu J, Lim WY, Chen KC, Chow WH, Ji BT, Chan JK, Chu M, Li YJ, Yokota J, Li J, Chen H, Xiang YB, Yu CJ, Kunitoh H, Wu G, Jin L, Lo YL, Shiraishi K, Chen YH, Lin HC, Wu T, Wu YL, Yang PC, Zhou B, Shin MH, Fraumeni JF Jr, Lin D, Chanock SJ, Rothman N. Genome-wide association analysis identifies new lung cancer susceptibility loci in never-smoking women in Asia. *Nat Genet.* 2012 Dec;44(12):1330-5. PMID: PMC4169232
30. Wu W, Qin Y, Li Z, **Dong J**, Dai J, Lu C, Guo X, Zhao Y, Zhu Y, Zhang W, Hang B, Sha J, Shen H, Xia Y, Hu Z, Wang X. Genome-wide microRNA expression profiling in idiopathic non-obstructive azoospermia: significant up-regulation of miR-141, miR-429 and miR-7-1-3p. *Hum Reprod.* 2013 Jul;28(7):1827-36.
31. Chu M, Zhang R, Zhao Y, Wu C, Guo H, Zhou B, Lu J, Shi Y, Dai J, Jin G, Ma H, **Dong J**, Wei Y, Wang C, Gong J, Sun C, Zhu M, Qiu Y, Wu T, Hu Z, Lin D, Shen H, Chen F. A genome-wide gene-gene interaction analysis identifies an epistatic gene pair for lung cancer susceptibility in Han Chinese. *Carcinogenesis.* 2014 Mar;35(3):572-7. PMID: PMC3941747
32. Hu Z, Li Z, Yu J, Tong C, Lin Y, Guo X, Lu F, **Dong J**, Xia Y, Wen Y, Wu H, Li H, Zhu Y, Ping P, Chen X, Dai J, Jiang Y, Pan S, Xu P, Luo K, Du Q, Yao B, Liang M, Gui Y, Weng N, Lu H, Wang Z, Zhang F, Zhu X, Yang X, Zhang Z, Zhao H, Xiong C, Ma H, Jin G, Chen F, Xu J, Wang X, Zhou Z, Chen ZJ, Liu J, Shen H, Sha J. Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. *Nat Commun.* 2014 May 23;5:3857.
33. Xie K, Liu J, Chen J, **Dong J**, Ma H, Liu Y, Hu Z. Methylation-associated silencing of microRNA-34b in hepatocellular carcinoma cancer. *Gene.* 2014 Jun 10;543(1):101-7.
34. Zhang R, Chu M, Zhao Y, Wu C, Guo H, Shi Y, Dai J, Wei Y, Jin G, Ma H, **Dong J**, Yi H, Bai J, Gong J, Sun C, Zhu M, Wu T, Hu Z, Lin D, Shen H, Chen F. A genome-wide gene-environment interaction analysis for tobacco smoke and lung cancer susceptibility. *Carcinogenesis.* 2014 Jul;35(7):1528-35. PMID: PMC4076813
35. Nalls MA, Pankratz N, Lill CM, Do CB, Hernandez DG, Saad M, DeStefano AL, Kara E, Bras J, Sharma M, Schulte C, Keller MF, Arepalli S, Letson C, Edsall C, Stefansson H, Liu X, Pliner H, Lee JH, Cheng R, International Parkinson's Disease Genomics Consortium (IPDGC), Parkinson's Study Group (PSG) Parkinson's Research: The Organized GENetics Initiative (PROGENI), 23andMe, GenePD, NeuroGenetics Research Consortium (NGRC), Hussman Institute of Human Genomics (HIHG), Ashkenazi Jewish Dataset Investigator, Cohorts for Health and Aging Research in Genetic Epidemiology (CHARGE), North American Brain Expression Consortium (NABEC), United Kingdom Brain Expression Consortium (UKBEC), Greek Parkinson's Disease Consortium, Alzheimer

- Genetic Analysis Group, Ikram MA, Ioannidis JP, Hadjigeorgiou GM, Bis JC, Martinez M, Perlmutter JS, Goate A, Marder K, Fiske B, Sutherland M, Xiromerisiou G, Myers RH, Clark LN, Stefansson K, Hardy JA, Heutink P, Chen H, Wood NW, Houlden H, Payami H, Brice A, Scott WK, Gasser T, Bertram L, Eriksson N, Foroud T, Singleton AB. Large-scale meta-analysis of genome-wide association data identifies six new risk loci for Parkinson's disease. *Nat Genet.* 2014 Sep;46(9):989-93. PMID: PMC4146673
36. **Dong J**, Beard JD, Umbach DM, Park Y, Huang X, Blair A, Kamel F, Chen H. Dietary fat intake and risk for Parkinson's disease. *Mov Disord.* 2014 Nov;29(13):1623-30. PMID: PMC4216604
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