

CURRICULUM VITAE

Date Prepared: 10/01/2019

NAME: Mingyang Song

ACADEMIC TITLE: Assistant Professor of Clinical Epidemiology and Nutrition

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EDUCATION:

Date	Discipline	Degree	Institution
08/2003-05/2008	Preventive Medicine	MBBS	Shandong University
05/2008-08/2011	Epidemiology	MS	Peking University
08/2011-05/2015	Nutrition, Epidemiology	ScD	Harvard University
05/2013-05/2014	Biostatistics	MS	Harvard University

POSTDOCTORAL TRAINING (if applicable):

Research Fellowships

Dates	Field of Research	Place
08/2015-09/2016	Clinical and Translational Research of Nutrition and Cancer	Massachusetts General Hospital Harvard Medical School

Internships and Residencies:

Dates	Specialty	Hospital
11/2006-02/2007	General Medicine	Second Hospital of Shandong University

ACADEMIC APPOINTMENTS:

Dates	Title	Department	Institution
10/2016-12/2018	Instructor	Medicine	Harvard Medical School
07/2018-	Assistant Professor	Epidemiology Nutrition	Harvard T.H. Chan School of Public Health
12/2018-	Assistant Professor	Medicine	Harvard Medical School

HOSPITAL/AFFILIATED INSTITUTIONAL APPOINTMENTS (if applicable):

Dates	Title	Hospital/Institution
10/2016-	Research Staff	Massachusetts General Hospital

OTHER PROFESSIONAL APPOINTMENTS (for example scientific boards):

Dates	Title	Organization
03/2017-	Member	Cancer Epidemiology and Gastrointestinal Malignancies Programs, Dana-Farber / Harvard Cancer Center

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

Dates	Position Title	Department/Institution
2017-	Assistant Director	Microbiome among Nurses Study (MICRO-N) Program/Harvard T.H. Chan School of Public Health

COMMITTEE SERVICE:

DEPARTMENTAL/SCHOOL AND UNIVERSITY SERVICE:

Dates	Name of Committee and Role	Institution/Organization
09/2017	Data Ideation Challenge review committee, Reviewer	Harvard Catalyst The Harvard Clinical and Translational Science Center
12/2018	Admissions Committee for the concentrations of Clinical Epidemiology and Cancer Epidemiology	Harvard T.H. Chan School of Public Health
03/2019	Question writer for the PhD qualifying exam in Clinical Epidemiology	Harvard T.H. Chan School of Public Health
09/2019-	Lead, The Microbiome Epidemiology Working Group (MEWG)	Harvard T.H. Chan School of Public Health

GRANT REVIEW ACTIVITIES:

Dates	Name of Committee	Organization
08/2016	Population Research Committee	Cancer Research UK
06/2018	Grant Review Committee	Netherlands Organisation for Health Research and Development (ZonMw)
07/2018	Grant Review Committee	Austrian Science Fund (FWF)
12/2018	Population Research Committee	Cancer Research UK
06/2019	Population Research Committee	Cancer Research UK
09/2019	High-risk project committee	Dutch Cancer Society

EDITORIAL ROLES:

1. Ad hoc reviewer

American Journal of Clinical Nutrition
American Journal of Epidemiology
American Journal of Gastroenterology
American Journal of Preventive Medicine
Annals of Internal Medicine
BMC Gastroenterology
British Journal of Cancer
British Journal of Nutrition
British Medical Journal (BMJ)
Cancer Causes and Control
Cancer Epidemiology, Biomarkers & Prevention
Carcinogenesis
Clinical Gastroenterology and Hepatology
Diabetes Care
European Journal of Nutrition
Gastroenterology
Genomics
Gut
International Journal of Cancer
International Journal of Epidemiology
International Journal of Obesity
JAMA
JAMA Internal Medicine
JAMA Oncology
Journal of Clinical Oncology
Journal of Oncology Practice
Lancet Diabetes & Endocrinology
Molecular Carcinogenesis
Nature Communications
Nature Medicine
Nature Reviews Gastroenterology & Hepatology
PLoS ONE
Public Health Nutrition
Science
Scientific Reports
Trials

2. Other editorial roles

Dates	Role	Journal
02/2019-	Editorial board	Journal of the National Cancer Institute (JNCI)
02/2019-	Editorial board	JNCI Cancer Spectrum

HONORS AND DISTINCTIONS:

Date	Name of Honor/Distinction	Organization	Description of Achievement
12/2007	Presidential Scholarship	Shandong University	Academic Excellence
11/2007	National Scholarship	Ministry of Education, China	Academic Excellence
06/2011	Distinguished Graduate	Peking University	Academic Excellence
11/2013	Scholarship	American Institute for Cancer Research (AICR)	Conference scholarship
12/2014	Trainee Award	Second International Molecular Pathological Epidemiology Meeting	Research Excellence
10/2014	Scholar-in-Training Award	American Association for Cancer Research (AACR)	Research Excellence
09/2015	Distinction in Teaching	Department of Biostatistics, Harvard T.H. Chan School of Public Health	Teaching Excellence
05/2015	Teaching Assistant Award	Harvard T.H. Chan School of Public Health	Teaching Excellence
04/2015	Scholar-in-Training Award	American Association for Cancer Research (AACR)	Research Excellence
05/2016	Trainee Award	Third International Molecular Pathological Epidemiology Meeting	Research Excellence
04/2016	Scholar-in-Training Award	American Association for Cancer Research (AACR)	Research Excellence
05/2016	Certificate of recognition for Young Scientific Accomplishment as an Early Career Investigator	Digestive Disease Week®	Research Excellence
04/2017	NextGen Star Award	American Association for Cancer Research (AACR)	Research Excellence
05/2017	Certificate of recognition for Young Scientific Accomplishment as an Early Career Investigator	Digestive Disease Week®	Research Excellence

FUNDED GRANTS AND UNFUNDED PROJECTS:

COMPLETED GRANTS

- 06/01/2014-05/31/2015 Energy balance and colorectal cancer: potential roles of dietary and lifestyle factors
Harvard Transdisciplinary Research in Energetics and Cancer (TREC) Center developmental award
Role: PI (total direct cost: \$25,000/year)
This project aims to study the relationship of energy balance with colorectal cancer incidence and the mediating effect of dietary and lifestyle factors in this relationship.
- 06/01/2015-05/31/2016 Energy balance and gut microbiota
Harvard TREC Center developmental award
Role: PI (total direct cost: \$25,000/year)
This grant seeks to examine the relationship of obesity and physical activity with the gut microbial composition and function in a human population.
- 01/01/2017-12/31/2017 Marine Omega-3 Fatty Acids for the Immunotherapy of Colorectal Cancer
2017 AACR-AstraZeneca Immuno-oncology Research Fellowship, AACR (American Association for Cancer Research)
Role: PI (total direct cost: \$54,999/year)
Leveraging two large prospective cohorts with a proof-of-principle “window-of-opportunity” randomized clinical trial, this proposal aims to investigate the hypothesis that marine omega-3 fatty acid may improve colorectal cancer prognosis and sensitize tumors to checkpoint blockade therapy by inhibiting T regulatory cells-mediated immunosuppression and unleashing anti-tumor immunity.
- 02/19/2018-06/30/2018 Marine Omega-3 Polyunsaturated Fatty Acid, Gut Microbiome, and Colorectal Cancer Prevention
K99 CA215314, National Cancer Institute
Role: PI (total direct cost: \$165,928/year)
Leveraging the prospective cohort studies in which we have assessed diet, lifestyle and cancer diagnosis over decades with stool and tumor specimens collected in a subset of participants, this proposal aims to examine the interplay between marine omega-3 polyunsaturated fatty acids and gut microbiota in colorectal cancer risk and survival and to provide translational insights into novel dietary and microbial strategies for colorectal cancer prevention and therapy.
- 08/01/2018-07/31/2019 Sessile Serrated Adenoma and Colorectal Cancer: A Swedish Record Linkage Study
Union for International Cancer Control
Role: PI (total direct cost: \$8,000)
The aim of the project is to assess the association of sessile serrated adenoma/polyp with subsequent risk of colorectal cancer incidence and mortality using the Swedish national data registries.

ACTIVE GRANTS

- 07/01/2018-06/30/2021 Marine Omega-3 Polyunsaturated Fatty Acid, Gut Microbiome, and Colorectal Cancer Prevention
R00 CA215314, National Cancer Institute
Role: PI (total cost: \$250,000/year)
This proposal aims to examine the interplay between marine omega-3 polyunsaturated fatty acids and gut microbiota in colorectal cancer through a biomarker-based randomized clinical trial.
- 07/01/2018-06/30/2023 Marine Omega-3 Fatty Acid, Tumor Immunity and Colorectal Cancer
American Cancer Society
Role: PI (total direct cost: \$135,000/year)
The long-term goal of the proposal is to examine how diet—host immunity interactions influence cancer prognosis by integrating large-scale epidemiologic studies with patient-oriented clinical investigations.
- 09/03/2018-09/02/2020 An Examination of Methods for Assessing Preventability of Cancer
World Cancer Research Fund International
Role: Co-Investigator (5% effort)
The aims of the project are to: 1) derive a relative risk estimate from the literature for each risk factor and cancer; 2) estimate a population prevalence of exposure based on available data; 3) use standard formulae to calculate PAR.

PENDING GRANTS

- 07/01/2020-06/30/2025 Molecular Characterization and Risk Stratification of Serrated Polyps for Colonoscopic Surveillance
NIH/NCI
Role: PI (total direct cost: \$2,498,766)
Leveraging the longitudinal electronic health record data with next-generation sequencing of archival tissue specimens from two large integrated health care systems (Partners HealthCare and Kaiser Permanente Northern California), the project will identify novel genomic alterations in serrated polyps that predict risk of recurrence and advanced neoplasia and, through rigorous selection and external validation, develop an integrated model that combines molecular and clinicopathological features for identifying patients with high-risk serrated polyps.
- 07/01/2020-06/30/2022 Risk-based colonoscopy screening: translating epidemiologic advances into the clinic
Harvard T.H. Chan School of Public Health, Zhu Family Center for Global Cancer Prevention
Role: PI (total direct cost: \$200,000)
This project aims to achieve the promise of precision colorectal cancer screening by integrating epidemiologic advances with increasingly available electronic health record and genetic data in the clinic. We will develop and evaluate a clinically applicable prediction model and assess screening uptake according to health behaviors in a national survey.

- 01/01/2020-12/31/2021 Dietary fiber, gut microbiome, and colorectal cancer
American Institute for Cancer Research
Role: PI (total direct cost: \$75,000 per year)
The project aims to characterize the dose-response relationship of fiber intake from different food sources in relation to colorectal cancer risk and examine the potential role of the gut microbiome in the relationship between dietary fiber and colorectal cancer. The findings will not only help refine the dietary recommendations for cancer prevention, but also shed light on potential microbiome-based strategies to complement or optimize the current diet-based approaches for colorectal cancer prevention.
- 10/01/2019-09/30/2019 The Gut Microbiome, Lifestyle, and Colorectal Neoplasia
NIH/NCI (Chan)
Role: Co-Investigator (15% effort)
This project aims to prospectively characterize the interplay between the gut microbiome and dietary and lifestyle factors in colorectal neoplasia using a multi-omics approach by leveraging the ongoing large-scale stool collection in the Nurses' Health Study 2.
- 07/01/2019-06/31/2024 Prebiotic effect of eicosapentaenoic acid treatment for colorectal cancer liver metastasis
NIH/NCI (Chan/Garrett/Hull)
Role: Co-Investigator (15% effort)
This project seeks to characterize the prebiotic effect of eicosapentaenoic acid (EPA) for improving post-operative survival of patients with colorectal cancer liver metastasis (CRCLM) by leveraging the recently launched, randomized placebo-controlled phase III trial of EPA treatment in patients undergoing liver resection surgery for CRCLM.

TEACHING AND TRAINING:

TEACHING IN HARVARD CHAN SCHOOL COURSES

Dates	Course number/Title	Responsibility
09/2013-11/2013	EPI 515 Measurement Error and Misclassification	Teaching assistant
03/2014-05/2014	EPI 204 Analysis of Case-Control and Cohort Epidemiologic Data	Teaching assistant
08/2014-10/2014	EPI 515 Measurement Error and Misclassification	Teaching assistant
08/2014-10/2014	EPI 215 Advanced Topics in Case-Control and Cohort Studies	Teaching assistant
01/2015-05/2015	BIO 223 Applied Survival Analysis	Teaching assistant
09/2015-11/2015	EPI 215 Advanced Topics in Case-Control and Cohort Studies	Teaching assistant
11/2017	ID 510 Nutritional Epidemiology of Cancer	Guest lecturer

03/2019- 05/2019	EPI 240 Biomarkers in Epidemiology Research	Instructor
05/2019	IID 209 Microbial Communities and the Human Microbiome	Guest lecturer

TEACHING IN EXECUTIVE AND CONTINUING EDUCATION COURSES

Dates	Course number/Title	Responsibility
07/2013- 08/2013	BIO 202 Principles of Biostatistics	Tutor for a group of 6 students
07/2014- 08/2014	BIO 202 Principles of Biostatistics	Tutor for a group of 5 students
11/2018- 04/2019	Tools of Human Investigation (THI) program at MGH	Instructor for the biostatistics class

TEACHING IN OTHER COURSES

Dates	Course number/Title/Institution	Responsibility
03/2018	SPHEP 752 Cancer Epidemiology, Boston University School of Public Health	Guest lecturer
05/2018	PBHL E775 Doctoral Research Seminar in Epidemiology, Indiana University, Richard M. Fairbanks School of Public Health	Guest lecturer
06/2018	Nutritional Epidemiology: Principles and Application to Cancer Summer School on Modern Methods in Biostatistics and Epidemiology, Italy	Instructor
06/2019	Nutritional Epidemiology: Principles and Application to Cancer Summer School on Modern Methods in Biostatistics and Epidemiology, Italy	Instructor

ADVISORY AND SUPERVISORY RESPONSIBILITIES

Dates	Name of trainee	Type of supervision	Current position
01/2012- 07/2014	Lillias Maguire, MD (clinical resident)	Research advising	Resident in Surgery, Massachusetts General Hospital
07/2012- 04/2015	Navya Bezawada, MD (visiting student)	Research advising	Foundation Doctor at NHS Grampian, Aberdeen, United Kingdom
07/2012- 12/2016	Raaj Mehta, MD (MD student)	Research advising	Resident in Internal Medicine, Massachusetts General Hospital
02/2015- 12/2015	Dawn Chong, MBBS, MRCP (visiting student)	Research advising	Consultant, National Cancer Center Singapore

01/2017-06/2018	Ane Sørлие Kværner, PhD (visiting student)	Primary mentor	Postdoc fellow in University of Oslo, Norway
02/2017-	Xiaosheng He, MD (postdoc)	Co-mentor	Associate Professor, Sun Yat-sen University Sixth Hospital, China
02/2017-	Long Nguyen, MD (clinical fellow)	Research advising	Clinical fellow of Gastroenterology, Massachusetts General Hospital
04/2017-03/2019	Dong Hang, MD, PhD (postdoc)	Co-mentor	Associate Professor, Nanjing Medical University, China
01/2018-04/2018	Carmen Sayon-Orea, MD (postdoc)	Secondary mentor	Postdoctoral Researcher, University of Navarra, Spain
09/2018-	Ji Zhang, MS (PhD student)	External mentor	PhD candidate, Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Sweden
09/2018-	Yawen Chen, MD, MPH (postdoc)	Research mentor	Research staff at Massachusetts General Hospital
09/2018-	Chun-Han Lo, MD, MPH (postdoc)	Research mentor	Research staff at Massachusetts General Hospital
10/2018-	Liang Wang, MD (Visiting postdoc)	Primary mentor	Associate Professor, Sun Yat-sen University Sixth Hospital, China
12/2018-04/2019	Zhangyan Lyu, MD, PhD (visiting student)	Co-mentor	PhD candidate at Peking Union Medical College, China
12/2018-	Alaina Bever, BS (MD/PhD student)	Research mentor	MD/PhD candidate at Harvard Medical School
02/2019-	Kai Wang, PhD (postdoc)	Primary mentor	Postdoctoral fellow at Harvard T.H. Chan School of Public Health
03/2019-	Yang Hu, ScD (postdoc)	Co-mentor	Postdoctoral fellow at Harvard T.H. Chan School of Public Health
05/2019-07/2019	Mathew Vithayathil, MBBS, MRCP (visiting fellow)	Primary mentor	Academic Clinical Fellow, Cambridge University Hospital, UK
09/2019-	Rong Zhong, PhD (Visiting scholar)	Co-mentor	Associate Professor of Epidemiology and Biostatistics, Huazhong University of Science and Technology, China

INVITED PRESENTATIONS:

Dates	Title or topic of presentation	Organization/Location
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09/2014	Plasma 25-hydroxyvitamin D and Colorectal Cancer Risk According to Tumor Immunity Status	The 13th Annual AACR International Conference on Frontiers in Cancer Prevention Research, New Orleans, LA
05/2015	Marine Omega-3 Polyunsaturated Fatty Acids and Risk of Colorectal Cancer According to Tumor Immune Profile	Gastroenterology Unit Retreat, Massachusetts General Hospital, Boston, MA
03/2016	Trajectory of Body Shape across the Lifespan: the Implications for Cancer and Mortality Risk	Channing Division of Network Medicine Breakfast Seminar, Brigham and Women's Hospital, Boston, MA
05/2016	Marine omega-3 Polyunsaturated Fatty Acid Intake and Survival after Colorectal Cancer Diagnosis	Digestive Disease Week, San Diego, CA
06/2016	The Missing Covariate Indicator Method is Nearly Valid Almost Always	Epidemiology Congress of the Americas, Miami, FL
09/2016	Marine omega-3 Polyunsaturated Fatty Acids and Risk of Colorectal Cancer According to Tumor Immune Profile	Channing Division of Network Medicine Omics Seminar, Brigham and Women's Hospital, Boston, MA
01/2017	Omega-3 Intake and Colorectal Cancer Incidence and Survival	Inaugural Symposium of the International Society for Omega-3 Research, Boston, MA
04/2017	Omega-3 Fatty Acid and Colorectal Cancer Prevention and Treatment	American Association for Cancer Research (AACR) Annual Meeting, Washington, DC
05/2017	Fiber Intake and Survival after Colorectal Cancer Diagnosis	Digestive Disease Week, Chicago, IL
09/2017	Marine Omega-3 Fatty Acid and Precision Prevention of Colorectal Cancer / Oral presentation	Dana Farber/Harvard Cancer Center Brief Updates: Precision Prevention and Early Detection (P2ED), Boston, MA
09/2017	Longitudinal analysis of genetic obesity variants and body mass index throughout adult life / Oral presentation	Obesity Working Group Meeting, Harvard T.H. Chan School of Public Health, Boston, MA
12/2017	Diet and Colorectal Cancer Prevention: What Can We Learn from Clinical Trials?	Marian Mason Nutrition Seminar, Department of Nutrition, Simmons College, Boston, MA
05/2018	Marine Omega-3 Fatty Acid and Colorectal Cancer: A Framework for Translating Nutritional Epidemiology into Clinical Practice	Department of Epidemiology, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN
06/2018	Marine Omega-3 Fatty Acid and Colorectal Cancer: A Framework for Translating Nutritional Epidemiology into Clinical Practice	Institute of Biomedical & Clinical Sciences, University of Leeds, UK

06/2018	Marine Omega-3 Fatty Acid and Colorectal Cancer: A Framework for Translating Nutritional Epidemiology into Clinical Practice	Department of Nutrition, University of Oslo, Norway
06/2018	Marine Omega-3 Fatty Acid and Colorectal Cancer: A Framework for Translating Nutritional Epidemiology into Clinical Practice	State Key Laboratory of Genetic Engineering, School of Life Sciences; School of Public Health, Fudan University, China
06/2018	Marine Omega-3 Fatty Acid and Colorectal Cancer: A Framework for Translating Nutritional Epidemiology into Clinical Practice	Department of Epidemiology, School of Public Health, Nanjing Medical University, China
09/2018	Sessile Serrated Adenoma/Polyp (SSA/P) and Colorectal Cancer Prevention	Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Sweden
12/2018	Interrogating the Role of Marine Omega-3 Fatty Acid in Colorectal Cancer Survivorship: Advances and Future Directions	International Cancer Prevention and Nutrition Conference, London, UK
12/2018	Overview of the Microbiome among Nurses Study (MICRO-N)	Microbiome Epidemiology Working Group (MEWG), Harvard T.H. Chan School of Public Health, Boston, MA
03/2019	Serrated Polyps and Colorectal Cancer Prevention	Genetics and Epidemiology of Colorectal Cancer Consortium (GECCO) Annual Meeting, Seattle, WA
05/2019	Gut Microbiome Signature for Colorectal Cancer	Colorectal Cancer Screening Committee Meeting – Americas 2019, World Endoscopy Organization, San Diego, CA
05/2019	Long-term risk of colorectal cancer after removal of conventional adenoma and serrated polyp: a prospective study within three US cohorts	Digestive Disease Week, San Diego, CA
05/2019	Plasma biomarkers of insulin and the insulin like growth factor axis, and risk of colorectal adenoma and serrated polyp in women	Digestive Disease Week, San Diego, CA
07/2019	Exploring Marine Omega-3 Fatty Acid & Colorectal Cancer Prevention & Treatment: The Role of the Gut Microbiome & Tumor Immunity	Microbiome Movement: Oncology Response Summit 2019, Boston, MA

BIBLIOGRAPHY:

1. Peer-reviewed publications

A. Original research

- 1) Yuan XM, Wang N, Ouyang T, Yang L, **Song MY**, Lin BY, Xie YT, Li JF, Pan KF, You WC, Zhang L. Current status of diagnosis and treatment of primary breast cancer in Beijing, 2008. *Chinese journal of cancer research = Chung-kuo yen cheng yen chiu* 2011;23:38-42.
- 2) Maguire LH, **Song M**, Strate LE, Giovannucci EL, Chan AT. Higher serum levels of vitamin D are associated with a reduced risk of diverticulitis. *Clin Gastroenterol Hepatol* 2013;11:1631-5.
- 3) **Song M**, Wu K, Ogino S, Fuchs CS, Giovannucci EL, Chan AT. A prospective study of plasma inflammatory markers and risk of colorectal cancer in men. *Br J Cancer*. 2013;108(9):1891-1898
- 4) **Song M**, Zhang X, Wu K, Ogino S, Fuchs CS, Giovannucci EL, Chan AT. Plasma adiponectin and soluble leptin receptor and risk of colorectal cancer: a prospective study. *Cancer Prev Res (Phila)* 2013;6:875-85.
- 5) **Song MY**, Su HJ, Zhang L, Ma JL, Li JY, Pan KF, You WC. Genetic polymorphisms of miR-146a and miR-27a, H. pylori infection, and risk of gastric lesions in a Chinese population. *PLoS One* 2013;8:e61250.
- 6) Bezawada N, **Song M**, Wu K, Mehta RS, Milne GL, Ogino S, Fuchs CS, Giovannucci EL, Chan AT. Urinary PGE-M levels are associated with risk of colorectal adenomas and chemopreventive response to anti-inflammatory drugs. *Cancer Prev Res (Phila)* 2014;7:758-65.
- 7) Mehta RS, **Song M**, Bezawada N, Wu K, Garcia-Albeniz X, Morikawa T, Fuchs CS, Ogino S, Giovannucci EL, Chan AT. A prospective study of macrophage inhibitory cytokine-1 (MIC-1/GDF15) and risk of colorectal cancer. *J Natl Cancer Inst* 2014;106:dju016.
- 8) **Song M**, Chan AT, Fuchs CS, Ogino S, Hu FB, Mozaffarian D, Ma J, Willett WC, Giovannucci EL, Wu K. Dietary intake of fish, omega-3 and omega-6 fatty acids and risk of colorectal cancer: A prospective study in U.S. men and women. *Int J Cancer* 2014;135:2413-23.
- 9) **Song M**, Giovannucci EL. Antihypertension and colorectal cancer prevention: getting two birds with one stone? *J Natl Cancer Inst* 2014;106:djt438.
- 10) **Song M**, Wu K, Chan AT, Fuchs CS, Giovannucci EL. Plasma 25-hydroxyvitamin D and risk of colorectal cancer after adjusting for inflammatory markers. *Cancer Epidemiol Biomarkers Prev* 2014;23:2175-80.
- 11) Ananthakrishnan AN, Khalili H, **Song M**, Higuchi LM, Richter JM, Chan AT. Zinc intake and risk of Crohn's disease and ulcerative colitis: a prospective cohort study. *Int J Epidemiol* 2015;44:1995-2005.
- 12) Ananthakrishnan AN, Khalili H, **Song M**, Higuchi LM, Richter JM, Nimptsch K, Wu K, Chan AT. High School Diet and Risk of Crohn's Disease and Ulcerative Colitis. *Inflamm Bowel Dis* 2015;21:2311-9.
- 13) Bernstein AM, **Song M*** (co-first author), Zhang X, Pan A, Wang M, Fuchs CS, Le N, Chan AT, Willett WC, Ogino S, Giovannucci EL, Wu K. Processed and

- Unprocessed Red Meat and Risk of Colorectal Cancer: Analysis by Tumor Location and Modification by Time. *PLoS One* 2015;10:e0135959.
- 14) Chong DQ, Mehta RS, **Song M**, Kedrin D, Meyerhardt JA, Ng K, Wu K, Fuchs CS, Giovannucci EL, Ogino S, Chan AT. Prediagnostic Plasma Adiponectin and Survival among Patients with Colorectal Cancer. *Cancer Prev Res (Phila)* 2015;8:1138-45.
 - 15) Maguire LH, **Song M**, Strate LL, Giovannucci EL, Chan AT. Association of geographic and seasonal variation with diverticulitis admissions. *JAMA Surg* 2015;150:74-7.
 - 16) Mehta RS, Chong DQ, **Song M**, Meyerhardt JA, Ng K, Nishihara R, Qian Z, Morikawa T, Wu K, Giovannucci EL, Fuchs CS, Ogino S, Chan AT. Association Between Plasma Levels of Macrophage Inhibitory Cytokine-1 Before Diagnosis of Colorectal Cancer and Mortality. *Gastroenterology* 2015;149:614-22.
 - 17) **Song M**, Gong J, Giovannucci EL, Berndt SI, Brenner H, Chang-Claude J, Curtis KR, Harrison TA, Hoffmeister M, Hsu L, Jiao S, Le Marchand L, Potter JD, Schoen RE, Seminara D, Slattery ML, White E, Wu K, Ogino S, Fuchs CS, Hunter DJ, Tworoger SS, Hu FB, Rimm E, Jensen M, Peters U, Chan AT. Genetic variants of adiponectin and risk of colorectal cancer. *Int J Cancer* 2015;137:154-64.
 - 18) **Song M**, Hu FB, Spiegelman D, Chan AT, Wu K, Ogino S, Fuchs CS, Willett WC, Giovannucci EL. Adulthood Weight Change and Risk of Colorectal Cancer in the Nurses' Health Study and Health Professionals Follow-up Study. *Cancer Prev Res (Phila)* 2015;8:620-7.
 - 19) **Song M**, Nishihara R, Wu K, Qian ZR, Kim SA, Sukawa Y, Mima K, Inamura K, Masuda A, Yang J, Fuchs CS, Giovannucci EL, Ogino S, Chan AT. Marine omega-3 polyunsaturated fatty acids and risk of colorectal cancer according to microsatellite instability. *J Natl Cancer Inst* 2015;107.
 - 20) Thrift AP, Gong J, Peters U, Chang-Claude J, Rudolph A, Slattery ML, Chan AT, Esko T, Wood AR, Yang J, Vedantam S, Gustafsson S, Pers TH, Baron JA, Bezieau S, Kury S, Ogino S, Berndt SI, Casey G, Haile RW, Du M, Harrison TA, Thornquist M, Duggan DJ, Le Marchand L, Lemire M, Lindor NM, Seminara D, **Song M**, Thibodeau SN, Cotterchio M, Win AK, Jenkins MA, Hopper JL, Ulrich CM, Potter JD, Newcomb PA, Schoen RE, Hoffmeister M, Brenner H, White E, Hsu L, Campbell PT. Mendelian randomization study of height and risk of colorectal cancer. *Int J Epidemiol* 2015;44:662-72.
 - 21) Thrift AP, Gong J, Peters U, Chang-Claude J, Rudolph A, Slattery ML, Chan AT, Locke AE, Kahali B, Justice AE, Pers TH, Gallinger S, Hayes RB, Baron JA, Caan BJ, Ogino S, Berndt SI, Chanock SJ, Casey G, Haile RW, Du M, Harrison TA, Thornquist M, Duggan DJ, Le Marchand L, Lindor NM, Seminara D, **Song M**, Wu K, Thibodeau SN, Cotterchio M, Win AK, Jenkins MA, Hopper JL, Ulrich CM, Potter JD, Newcomb PA, Hoffmeister M, Brenner H, White E, Hsu L, Campbell PT. Mendelian Randomization Study of Body Mass Index and Colorectal Cancer Risk. *Cancer Epidemiol Biomarkers Prev* 2015;24:1024-31.
 - 22) Inamura K, **Song M*** (co-first author), Jung S, Nishihara R, Yamauchi M, Lochhead P, Qian ZR, Kim SA, Mima K, Sukawa Y, Masuda A, Imamura Y, Zhang X, Pollak MN, Mantzoros CS, Harris CC, Giovannucci E, Fuchs CS, Cho E, Chan AT, Wu K, Ogino S. Prediagnosis Plasma Adiponectin in Relation to Colorectal Cancer Risk

- According to KRAS Mutation Status. *J Natl Cancer Inst* 2015 Nov 23;108(4). pii: djv363.
- 23) **Song M**, Hu FB, Spiegelman D, Chan AT, Wu K, Ogino S, Fuchs CS, Willett WC, Giovannucci EL. Long-term status and change of body fat distribution, and risk of colorectal cancer: a prospective cohort study. *Int J Epidemiol*. 2016 Jun;45(3):871-83.
 - 24) Le NT, Michels FA, **Song M**, Zhang X, Bernstein AM, Giovannucci EL, Fuchs CS, Ogino S, Chan AT, Sinha R, Willett WC, Wu K. A Prospective Analysis of Meat Mutagens and Colorectal Cancer in the Nurses' Health Study and Health Professional Follow-up Study. *Environ Health Perspect*. 2016 Oct;124(10):1529-1536.
 - 25) Cao Y, Nishihara R, Qian ZR, **Song M**, Mima K, Inamura K, Nowak JA, Drew DA, Lochhead P, Noshō K, Morikawa T, Zhang X, Wu K, Wang M, Garrett WS, Giovannucci EL, Fuchs CS, Chan AT, Ogino S. Regular Aspirin Use Associates with Lower Risk of Colorectal Cancers With Low Numbers of Tumor-infiltrating Lymphocytes. *Gastroenterology*. 2016 Nov;151(5):879-892.e4.
 - 26) Mima K, Nishihara R, Qian ZR, Cao Y, Sukawa Y, Nowak JA, Yang J, Dou R, Masugi Y, **Song M**, Kostic AD, Giannakis M, Bullman S, Milner DA, Baba H, Giovannucci EL, Garraway LA, Freeman GJ, Dranoff G, Garrett WS, Huttenhower C, Meyerson M, Meyerhardt JA, Chan AT, Fuchs CS, Ogino S. *Fusobacterium nucleatum* in colorectal carcinoma tissue and patient prognosis. *Gut*. 2016 Dec;65(12):1973-1980.
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