

# CURRICULUM VITAE

## 1 NAME

Xia Jiang

## 2 BIRTH DATA

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## 5 COURSES AND DEGREES

2009, Bachelor of Medicine (M.D.), School of Medicine, Zhejiang University, China.

Courses Medical Biology, Biochemistry, Microbiology, Histology and Embryology, Physiology, Pathology, Pathophysiology, Pharmacology, Human Anatomy, Diagnostics, Internal Medicine I and II, Surgery, Immunology, Paediatrics, Psychiatry, Microbiology and Parasitology, Communicable Diseases, Diagnostic Radiology, Medical Psychology, Epidemiology, Health Statistics, Social Medicine, Health Management, Children and Adolescents Hygiene, Health Education, Health Economics, Health Toxicology, Health Laws, Medical Ethics.

Thesis title Serum organochlorine pesticide exposure and risk of breast cancer: a case-control study.

2011, Master of Epidemiology and Biostatistics, School of Public Health, Zhejiang University, China.

Courses Advanced Medical Statistics, Advanced Epidemiology, Molecular Biology, Techniques in Molecular Biology, Modern Labor and Environmental Hygiene, The Field Survey in Public Health, Application of Medical Statistics Software, Clinical Research Design, Medical Ethics and Health Laws.

Thesis title The CASPASE gene polymorphisms and colorectal cancer susceptibility: a case-control study.

## 6 DOCTORAL DEGREE

2015, Ph.D. of Epidemiology and Biostatistics, Karolinska Institute, Stockholm, Sweden. Specialized in Genetic Epidemiology, Chronic Disease Epidemiology and Immunology.

Thesis title Gene-environment interactions in rheumatoid arthritis quantification and characterization of contributing factors.

Supervisors Lars Alfredsson, Lars Klareskog, Leonid Padyukov and Henrik K ällberg.

## 7 POSTDOC APPOINTMENTS

June – September 2015, Unit of Cardiovascular Epidemiology, the Institute of Environmental Medicine (IMM), Karolinska Institute. Professor Lars Alfredsson

October 2015 – March 2016, Department of Medicine (KEP), Karolinska University Hospital. Professor Johan Askling

April 2016 – September 2018, Department of Epidemiology, Harvard School of Public Health (HSPH), Harvard University. Professor Peter Kraft

October 2018 – now, Research Associate, Department of Epidemiology, Harvard School of Public Health (HSPH), Harvard University.

## **8 REFERENCES**

Peter Kraft, [pkraft@hsph.harvard.edu](mailto:pkraft@hsph.harvard.edu) Harvard T.H. Chan School of Public Health

*Professor in Epidemiology and Biostatistics, and Director of Program in genetic epidemiology and statistical genetics. My postdoctoral supervisor. Senior author on many projects I have worked on during my past several years of postdoc training.*

Lars Alfredsson, [lars.alfredsson@ki.se](mailto:lars.alfredsson@ki.se) Karolinska Institute

*Professor in Epidemiology and formal head of the Cardiovascular Epidemiology Unit. My main supervisor as a PhD-student. Senior author on many projects I have worked on during my doctoral study.*

Johan Askling, professor, [johan.askling@ki.se](mailto:johan.askling@ki.se) Karolinska Institute

*Senior Rheumatologist, Professor in Rheumatology, and Head of the Clinical Epidemiology Unit. My previous employer.*

As of 17<sup>th</sup> October 2019

Publications	
Peer-reviewed research papers	45
As first/last/corresponding author	22
Work related to inflammatory diseases such as rheumatoid arthritis and multiple sclerosis	20
Work related to other complex human traits	20
Bibliometric indicators	
Total citation	1327
H-index	17
i10-index	24

## **Original article**

1. [Genetic prediction of serum 25-hydroxyvitamin D, calcium and parathyroid hormone levels in relation to development of type 2 diabetes: a Mendelian randomization study.](#) Yuan S, **Jiang X**, Michaëlsson K, Larsson SC. *Diabetes Care*. 2019 Sep 23. IF=15.27. **PMID: 31548248**
2. [Distinct HLA Associations with Rheumatoid Arthritis Subsets Defined by Serological Subphenotype.](#) Terao C, Brynedal B, Chen Z, **Jiang X**, Westerlind H, Hansson M, Jakobsson PJ, Lundberg K, Skriner K, Serre G, Rönnelid J, Mathsson-Alm L, Brink M, Dahlqvist SR, Padyukov L, Gregersen PK, Barton A, Alfredsson L, Klareskog L, Raychaudhuri S. *Am J Hum Genet*. 2019 Sep 5;105(3):616-624. IF=9.025. **PMID: 31474319**
3. [Interaction between an ATP-Binding Cassette A1 \(ABCA1\) Variant and Egg Consumption for the Risk of Ischemic Stroke and Carotid Atherosclerosis: a Family-Based Study in the Chinese Population.](#) Song J, **Jiang X**, Cao Y, Juan J, Wu T, Hu Y. *J Atheroscler Thromb*. 2019 Mar 1. doi: 10.5551/jat.46615. IF=3.478. **PMID: 30828007**
4. [Shared heritability and functional enrichment across six solid cancers.](#) **Jiang X**, Finucane HK, Schumacher FR, Schmit SL, Tyrer JP, Han Y, Michailidou K, Llesneur C, Kuchenbaecker KB, Dennis J, Conti DV, Casey G, Gaudet MM, Huyghe JR, Albanes D, Aldrich MC, Andrew AS, Andrusis IL, Anton-Culver H, Antoniou AC, Antonenkova NN, Arnold SM, Aronson KJ, Arun BK, Bandera EV, Barkardottir RB, Barnes DR, Batra J, Beckmann MW, Benitez J, Benlloch S, Berchuck A, Berndt SI, Bickeböller H, Bien SA, Blomqvist C, Boccia S, Bogdanova NV, Bojesen SE, Bolla MK, Brauch H, Brenner H, Brenton JD, Brook MN, Brunet J, Brunnström H, Buchanan DD, Burwinkel B, Butzow R, Cadoni G, Caldés T, Caligo MA, Campbell I, Campbell PT, Cancel-Tassin G, Cannon-Albright L, Campa D, Caporaso N, Carvalho AL, Chan AT, Chang-Claude J, Chanock SJ, Chen C, Christiani DC, Claes KBM, Claessens F, Clements J, Collée JM, Correa MC, Couch FJ, Cox A, Cunningham JM, Cybulski C, Czene K, Daly MB, deFazio A, Devilee P, Diez O, Gago-Dominguez M, Donovan JL, Dörk T, Duell EJ, Dunning AM, Dwek M, Eccles DM, Edlund CK, Edwards DRV, Ellberg C, Evans DG, Fasching PA, Ferris RL, Lilloglou T, Figueiredo JC, Fletcher O, Fortner RT, Fostira F, Franceschi S, Friedman E, Gallinger SJ, Ganz PA, Garber J, García-Sáenz JA, Gayther SA, Giles GG, Godwin AK, Goldberg MS, Goldgar DE, Goode EL, Goodman MT, Goodman G, Grankvist K, Greene MH, Gronberg H, Gronwald J, Guénel P, Håkansson N, Hall P, Hamann U, Hamdy FC, Hamilton RJ, Hampe J, Haugen A, Heitz F, Herrero R, Hillemanns P, Hoffmeister M, Høgdall E, Hong YC, Hopper JL, Houlston R, Hulick PJ, Hunter DJ, Huntsman DG, Idos G, Imyanitov EN, Ingles SA, Isaacs C, Jakubowska A, James P, Jenkins MA, Johansson M, Johansson M, John EM, Joshi AD, Kaneva R, Karlan BY, Kelemen LE, Köhl T, Khaw KT, Khusnutdinova E, Kibel AS, Kiemeny LA, Kim J, Kjaer SK, Knight JA, Kogevinas M, Kote-Jarai Z, Koutros S, Kristensen VN, Kupryjanczyk J, Lacko M, Lam S, Lambrechts D, Landi MT, Lazarus P, Le ND, Lee E, Lejbkowitz F, Lenz HJ, Leslie G, Llessel D, Lester J, Levine DA, Li L, Li CI, Lindblom A, Lindor NM, Liu G, Loupakis F, Lubiński J, Maehle L, Maier C, Mannermaa A, Marchand LL, Margolin S, May T, McGuffog L, Meindl A, Middha P, Miller A, Milne RL, MacInnis RJ, Modugno F, Montagna M, Moreno V, Moysich KB, Mucci L, Muir K, Mulligan AM, Nathanson KL, Neal DE, Ness AR, Neuhausen SL, Nevanlinna H, Newcomb PA, Newcomb LF, Nielsen FC, Nikitina-Zake L, Nordestgaard BG, Nussbaum RL, Offit K, Olah E, Olama AAA, Olopade OI, Olshan AF, Olsson H, Osorio A, Pandha H, Park JY, Pashayan N, Parsons MT, Pejovic T, Penney KL, Peters WHM, Phelan CM, Phipps AI, Plaseska-Karanfilska D, Pring M, Prokofyeva D, Radice P, Stefansson K, Ramus SJ, Raskin L, Rennert G, Rennert HS, van Rensburg EJ, Riggan MJ, Risch HA, Risch A, Roobol MJ, Rosenstein BS, Rossing MA, De Ruyc

K, Saloustros E, Sandler DP, Sawyer EJ, Schabath MB, Schleutker J, Schmidt MK, Setiawan VW, Shen H, Siegel EM, Sieh W, Singer CF, Slattery ML, Sorensen KD, Southey MC, Spurdle AB, Stanford JL, Stevens VL, Stintzing S, Stone J, Sundfeldt K, Sutphen R, Swerdlow AJ, Tajara EH, Tangen CM, Tardon A, Taylor JA, Teare MD, Teixeira MR, Terry MB, Terry KL, Thibodeau SN, Thomassen M, Bjørge L, Tischkowitz M, Toland AE, Torres D, Townsend PA, Travis RC, Tung N, Tworoger SS, Ulrich CM, Usmani N, Vachon CM, Van Nieuwenhuysen E, Vega A, Aguado-Barrera ME, Wang Q, Webb PM, Weinberg CR, Weinstein S, Weissler MC, Weitzel JN, West CML, White E, Whittemore AS, Wichmann HE, Wiklund F, Winqvist R, Wolk A, Woll P, Woods M, Wu AH, Wu X, Yannoukakos D, Zheng W, Zienolddiny S, Ziogas A, Zorn KK, Lane JM, Saxena R, Thomas D, Hung RJ, Diergaarde B, McKay J, Peters U, Hsu L, García-Closas M, Eeles RA, Chenevix-Trench G, Brennan PJ, Haiman CA, Simard J, Easton DF, Gruber SB, Pharoah PDP, Price AL, Pasaniuc B, Amos CI, Kraft P, Lindström S. *Nat Commun.* 2019 Jan 25;10(1):431. IF=11.88. PMID: 30683880

5. [Circulating vitamin D concentrations and risk of breast and prostate cancer: a Mendelian randomization study.](#) **Jiang X**, Dimou NL, Al-Dabhani K, Lewis SJ, Martin RM, Haycock PC, Gunter MJ, Key TJ, Eeles RA, Muir K, Neal D, Giles GG, Giovannucci EL, Stampfer M, Pierce BL, Schildkraut JM, Warren Andersen S, Thompson D, Zheng W, Kraft P, Tsilidis KK. *Int J Epidemiol.* 2018 Dec 28. IF=7.339. PMID: 30597039
6. [Role of metabolic syndrome and its components as mediators of the genetic effect on type 2 diabetes: A family-based study in China.](#) Song J, **Jiang X**, Juan J, Cao Y, Chibnik LB, Hofman A, Wu T, Hu Y. *J Diabetes.* 2019 Jul;11(7):552-562. IF=3.298. PMID: 30520249
7. [Metabolites Associated With the Risk of Incident Venous Thromboembolism: A Metabolomic Analysis.](#) **Jiang X**, Zeleznik OA, Lindström S, Lasky-Su J, Hagan K, Clish CB, Eliassen AH, Kraft P, Kabrhel C. *J Am Heart Assoc.* 2018 Nov 20;7(22):e010317. IF=5.117. PMID: 30571496
8. [Is Schizophrenia a Risk Factor for Breast Cancer?-Evidence From Genetic Data.](#) Byrne EM, Ferreira MAR, Xue A, Lindström S, **Jiang X**, Yang J, Easton DF, Wray NR, Chenevix-Trench G. *Schizophr Bull.* 2018 Nov 19. IF=7.289. PMID: 30452727
9. [Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study.](#) He Y, Timofeeva M, Farrington SM, Vaughan-Shaw P, Svinti V, Walker M, Zgaga L, Meng X, Li X, Spiliopoulou A, **Jiang X**, Hyppönen E, Kraft P, Kiel DP; SUNLIGHT consortium, Hayward C, Campbell A, Porteous D, Vucic K, Kirac I, Filipovic M, Harris SE, Dears IJ, Houlston R, Tomlinson IP, Campbell H, Theodoratou E, Dunlop MG. *BMC Med.* 2018 Aug 14;16(1):142. IF=8.285. PMID: 30103784
10. [Amount of smoking, duration of smoking cessation and their interaction with silica exposure in the risk of rheumatoid arthritis among males: results from the Swedish Epidemiological Investigation of Rheumatoid Arthritis \(EIRA\) study.](#) Zeng P, Chen Z, Klareskog L, Alfredsson L, Bengtsson C, **Jiang X**. *Ann Rheum Dis.* 2018; 77(8):1238-1241. IF=12.35. PMID: 28916713
11. [Joint effects of fatty acid desaturase 1 polymorphisms and dietary polyunsaturated fatty acid intake on circulating fatty acid proportions.](#) Juan J, Huang H, **Jiang X**, Ardisson Korat AV, Song M, Sun Q, Willett WC, Jensen MK, Kraft P. *Am J Clin Nutr.* 2018 May 1; 107(5):826-833. IF=6.568. PMID: 29722844
12. [Genome-wide Association Study in 79,366 European-ancestry Individuals Informs the Genetic Architecture of 25-Hydroxyvitamin D Levels.](#) **Jiang X**, O'Reilly PF, Aschard H, Hsu YH, Richards JB, Dupuis J, Ingelsson E, Karasik D, Pilz S, Berry D, Kestenbaum B, Zheng J, Luan J, Sofianopoulou E, Streeten EA, Albanes D, Lutsey PL, Yao L, Tang W, Econs MJ, Wallaschofski H, Völzke H, Zhou A, Power C, McCarthy MI, Michos ED, Boerwinkle E, Weinstein SJ, Freedman ND, Huang WY, Van Schoor NM, van der Velde N, Groot LCPGM, Enneman A, Cupples LA, Booth SL, Vasani RS, Liu CT, Zhou Y, Ripatti S, Ohlsson C, Vandenput L, Lorentzon M, Eriksson JG, Shea MK, Houston DK, Kritchevsky SB, Liu Y, Lohman KK, Ferrucci L, Peacock M, Gieger C, Beekman M, Slagboom E, Deelen J, Heemst DV, Kleber ME, März W, de Boer IH, Wood AC, Rotter JI, Rich SS, Robinson-Cohen C, den Heijer M, Jarvelin MR, Cavadino A, Joshi PK, Wilson JF, Hayward C, Lind L, Michaëlsson K, Trompet S, Zillikens

MC, Uitterlinden AG, Rivadeneira F, Broer L, Zgaga L, Campbell H, Theodoratou E, Farrington SM, Timofeeva M, Dunlop MG, Valdes AM, Tikkanen E, Lehtimäki T, Lyytikäinen LP, Kähönen M, Raitakari OT, Mikkilä V, Ikram MA, Sattar N, Jukema JW, Wareham NJ, Langenberg C, Forouhi NG, Gundersen TE, Khaw KT, Butterworth AS, Danesh J, Spector T, Wang TJ, Hyppönen E, Kraft P, Kiel DP. *Nature communications*. 2018; 9(1):260. IF=11.88. PMID: 29343764

13. [Joint Effects of PON1 Polymorphisms and Vegetable Intake on Ischemic Stroke: A Family-Based Case Control Study](#). Juan J, **Jiang X**, Tang X, Wu Y, Sun K, Xiang X, Tian Y, Wu T, Sun Q, Kraft P, Hu Y. *International journal of molecular sciences*. 2017; 18(12). IF=4.183. PMID: 29215590
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