

• **Name:** Pingping JIA

• **Current Position:** Associate professor of clinical nutrition department & director of cancer nutrition and metabolism engineering center, Beijing Shijitan Hospital affiliated Capital Medical University

• **Country:** China

• **Educational Background:**

- 9/2012—12/2016, Postdoctor. Washington State University, U.S.A
Major in Cancer Nutrition and Telomere Metabolism,
- 09/2008—08/2011, Ph.D. Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China.
Major in Microbial and Biochemical Pharmacy,
- 09/2005—07/2008, M.S., BaoTou Medical college, Inner Mongolia university of Science and Technology, Inner Mongolia, China.
Major in Biochemistry and Molecular biology,
- 09/1997—07/2002, B.S., BaoTou Medical college, Inner Mongolia university of Science and Technology, Inner Mongolia, China.
Major in Preventive Medicine

• **Professional Experiences:**

- **10/2017-Present**, Associate Professor, Department of Clinical Nutrition, Beijing Shijitan Hospital, Affiliated Capital Medical University, China.
- **09/2011—09/2012**, Associate Professor, Department of Pharmacy, BaoTou Medical college, Inner Mongolia university of Science and Technology, Inner Mongolia, China.
- **08/2002—09/2005**, Research Assistant, Department of Medical technology, BaoTou Medical college, Inner Mongolia university of Science and Technology, Inner Mongolia, China.

• **Professional Organizations:**

- President
Precise Nutrition Committee, Wu-Jie-Ping foundation of China
- Member
Cancer Nutrition and supportive therapy committee, Chinese Anti-Cancer Association
- Member
Chinese Society of Clinical Oncology
- Member
Nutrition and Special Food Committee, Chinese Medical and Health Culture Association

• Main Scientific Publications:

- 1) Jia P, Chastain M, Zou Y, Her C, Chai W. Human MLH1 suppresses the insertion of telomeric sequences at intra-chromosomal sites in telomerase-expressing cells. *Nucleic Acid Res.* 2017 Feb,45(3): 1219-1232. IF:10.2
- 2) Jia, P., Her, Cheng., Chai, W., DNA excision repair at telomeres. *DNA Repair.* 2015 ;36:137-45. IF: 3.6
- 3) Jia P, Chai W. MLH1 ATPase domain is needed for suppressing aberrant formation of interstitial telomeric sequences. *DNA Repair.* 2018,7;65:20-25. IF: 3.6.
- 4) Zhang J#, Jia PP#, Liu QL#, Cong MH, Gao Y, Shi HP*, Yu WN*, Miao MY*.(Co-First author) Low ketolytic enzyme levels in tumors predict ketogenic diet responses in cancer cell lines in vitro and in vivo. *Journal of Lipid Research*, 2018.59(4):625-634. IF: 4.8.
- 5) Y Zhang, J Xu, X Bai, S Peng, J Ding, J Wang, J Zhou, X Li, K Mi, C Xiao, Yu, Y Lu, P Jia*, S Cen*.Targeting ESX-1 Secretion System to control mycobacterial infection.(Co-corresponding author) (In preparation to submit to *Plos Pathogenes.* IF: 6.6)
- 6) Chastain M, Zhou Q, Shiva O, Fadri-Moskwik M, Whitmore L, Jia P, Dai X, Huang C, Ye P, Chai W.Human CST Facilitates Genome-wide RAD51 Recruitment to GC-Rich Repetitive Sequences in Response to Replication Stress. *Cell Report.* 2016. Aug.2.16(5): 1300-14. IF: 8.3.
- 7) Chung, L., Onyango, D., Guo, Z., Jia, P. Shen, B., et.al. FEN1 E359K mutation isolated from a breast cancer patient disrupts the FEN1-WRN interaction and FEN1 GEN activity, causing aneuploidy-associated cancers.*Oncogene.* 2015. Feb12. 34(7):902-911..2014.19. IF: 7.5
- 8) Huang C, Jia P,Chastain M,Shiva O, Chai W. The Human CTC1/STN1/TEN1 Complex Regulates Telomere maintenance in ALT Cancer Cells.*Experimental Cell Research.*2017.March. 355(2):95-104. IF: 3.5
- 9) Quan Zhang, Zhenlong Liu, ZeyunMi, Xiaoyu Li, Pingping Jia, and Shan Cen*. High-throughput assay to identify inhibitors of Vpu-mediated down-regulation of cell surface BST-2. *Antiviral Research.* 2011. 91(3):321-9. IF: 4.3
- 10) Jing Ma. , XiaoyuLi . , JianXu .,QuanZhang, Zhenlon Liu ,Pingping Jia,Shan Cen * , et.al.The Roles of APOBEC3G Complexes in the Incorporationof APOBEC3G into HIV-1. *PLOS One* .2013 Oct; 8(10) . IF: 2.8.

PATENTS

- 1) Establishment of a high-throughput screening method of antituberculosis drugs. Inventors:S Cen, P Jia, Y Zhang, et al. Application No. 201110166552.6(State Intellectual Property Office of P.R.C)
- 2) Application of 3,5-Dinitrobenzamide for antituberculosis drugs. Inventors:S Cen, P Jia, Y Zhang, et al. Application No. 2011102955225(State Intellectual Property Office of P.R.C)
- 3) A screening method to identify inhibitors of Vpu-mediated down-regulation of BST-2. Inventors : S Cen, Q Zhang, Z Liu, P Jia et al Application No. 201010123002.1 (State Intellectual Property Office of P.R.C)
- 4) High-Throughput Screening Assay for premature activation of HIV-1 precursors. Inventors: S Cen, Q Zhang, X Li, X Wei, Z Liu, P Jia, et al Application No. 200910237160.7 (State Intellectual Property Office of P.R.C)
- 5) A Screening Anti-HIV Drug Assay Targeted Nuclear Trafficking of virus mRNA.Inventors: S Cen, Z Liu, X Li, Q Zhang, X Wei, P Jia,et al Application No. 200910237159.4 (State Intellectual Property Office of P.R.C)

6) A Screening Anti-Influenza A Targeted RNA Polymerase. Inventors: S Cen, X Wei, Z Liu, X Li, Q Zhang, P Jia, et al Application No. 200910237158.X (State Intellectual Property Office of P.R.C)

FUNDING

- 1) National Natural Science Foundation of China(31760323), 2018.1~2021.12
- 2) National Natural Science Foundation of China(81241138) , 2013.1~2013.12
- 3)“Peking Union Medical College Innovation ” Fund in China, 2010.9~2011.9

HONOR AND AWARD

The outstanding research award for Inland Northwest Research Symposium, USA (2015)