

CURRICULUM VITAE

Name: Ping An, M.D., M.P.H.

Citizenship: Chinese

Education:

1985	M.D., Lanzhou Medical College, Gansu, People's Republic of China
1988	M.S. (Infectious Diseases), Xian Medical University, Xian, People's Republic of China
2004	M.P.H. (Epidemiology), Johns Hopkins University Bloomberg School of Public Health, Baltimore, Maryland

Brief Chronology of Employment:

1988-1991	Investigator, The Institute of Infectious Diseases of Lanzhou Medical College and Physicians, Department of Infectious Diseases, The First Teaching Hospital, Lanzhou Medical College, Gansu, P.R. China
1991-1995	Physician-In-Charge, Department of Infectious Diseases, The First Teaching Hospital, Lanzhou Medical College, Gansu, P.R. China
1995-1998	Exchange Scientist, Laboratory of Genomic Diversity, National Cancer Institute, Frederick, MD
1998-2001	Scientist, Basic Research Program, SAIC, Frederick, MD
2001-present	Scientist II, Molecular Genetics Epidemiology Section, Basic Research Program, SAIC, Frederick, MD

Societies:

American Society of Human Genetics
International AIDS Society

Honors and Other Special Scientific Recognition:

First Prize for the advancement of science and technology, for the project "Mechanism and prevention of perinatal transmission of HBV", awarded by the Gansu Provincial Government, China, 1989
Grant for Young Scientists, for the project, "Treatment of Hepatitis B with herbal medicine", Committee of Science and Technology, Gansu, China, 1993
World Health Organization (WHO) Fellowship, 1995

BIBLIOGRAPHY

Published

1. Liu, F.J., Xiu, X., and An, P. The studies on the mechanism and prevention of the vertical transmission of hepatitis B virus. Acta of Lanzhou Medical College 15: 214-217, 1989.
2. An, P., Liu, F.J., and Tian, G.S. Intrauterine transmission of hepatitis B virus from carrier mothers to dichorial twins. Chin J Infect Dis 10: 50-51, 1992.
3. An, P., Wei, J., Wu, X., Yuhki, N., O'Brien S.J., and Winkler, C. Evolutionary analysis of the 5'-terminal region of hepatitis G virus isolated from different regions in China. J Gen Virol 78: 2477-2482, 1997.
4. An, P., Martin, M.P., Nelson, G.W., Carrington, M., Smith, M.W., Gong, K., Vlahov, D., O'Brien, S.J., and Winkler, C.A. Influence of CCR5 promoter haplotypes on AIDS progression in African-Americans. AIDS 14: 2117-2122, 2000.
5. An, P., Luo, H., Lu, T., O'Brien, S.J., and Winkler, C.A. Genetic heterogeneity and molecular epidemiology of GB virus C/hepatitis G virus in China. J Hum Virol 3: 299-305, 2001.
6. Hendel, H., Winkler, C., An, P., Haumont, P., O'Brien, S.J., Khalili, K., Zagury, D., Rappaport, J., and Zagury, J.F. Validation of genetic case-control studies in AIDS and application to the CX3CR1 polymorphism. J AIDS 26: 507-511, 2001.
7. Bream, J.H., An, P., Zhang, X., Winkler, C.A., and Young H. A single nucleotide polymorphism in the proximal IFN-gamma promoter alters the control of gene transcription. Genes Immun 3: 165-169, 2002.
8. An, P., Nelson, G.W., Wang, L., Farrar, W.L., Phair, J., O'Brien, T.R., Buchbinder, S., Hiltgartner, M., Vlahov, D., O'Brien, S.J., Modi, W., and Winkler, C.A. Modulation of HIV infection and disease progression by interacting *RANTES* variants. Proc Natl Acad Sci USA 99 (15): 10002-10007, 2002.
9. Duggal, P., An, P., Beaty, T.H., Strathdee, S.A., Farzadegan, H., Markham, R.B., O'Brien, S.J., Vlahov, D., and Winkler, C.A. Genetic influence of CXCR6 chemokine receptor alleles on PCP-mediated AIDS progression among African Americans. Genes Immun 4: 245-250, 2003.
10. An, P., Vlahov, D., Maroglick, J., Phair, J., O'Brien, T.R., Lautenberger, J., O'Brien, S.J., and Winkler, C.A. A TNF- α inducible promoter variant of Interferon-gamma accelerates AIDS progression. J Infect Dis 188(2): 228-231, 2003.

11. Winkler, C.A., An, P., and O'Brien, S.J. Patterns of ethnic diversity among genes that influence AIDS (Review). Hum Mol Genet 13: R9-R19, 2004.
12. An, P., Bleiber, G., Duggal, P., Nelson, G.W., May, M., Mangeat, B., Alobwede, I., Trono, D., Vlahov, D., Donfield, S., Goedert, J.J., Phair, J., Buchbinder, S., O'Brien, S.J., and Winkler, C.A. *APOBEC3G* genetic variants and their influence on AIDS. J Virol 78: 11070-11076, 2004.
13. Winkler, C.A., Hendel, H., Carrington, M., Smith, M.W., Nelson, G.W., O'Brien, S.J., Phair, J., Vlahov, D., Binns-Roemer, E., Rappaport, J., Haumont, P., Bertin-Maghit, S., An, P., Lu, W., Andrieu, J.-M., Schächter, F., Therwath, A., and Zagury, J.-F. Early dominant effects of CCR2-CCR5 haplotypes in HIV-1 disease progression. J AIDS 374: 1534-1538, 2004.
14. Duggal, P., Winkler, C.A., An, P., Yu, X.F., Farzadegan, H., O'Brien, S.J., Beaty, T.H., and Vlahov, D. The effect of RANTES chemokine genetic variants on early HIV-1 plasma RNA among African American injection drug users. J AIDS 38: 584-589, 2005.
15. Javanbakht, H., An, P., Gold, B., Petersen, D.C., O'hUigin, C., O'Brien, S.J., Kirk, G.D., Detels, R., Goedert, J.J., Buchbinder, S., Donfield, S., Shulenin, S., Song, B., Perron, M.J., Stremlau, M., Sodroski, J., Dean, M., and Winkler, C.A. Effects of human TRIM5 α polymorphisms on antiretroviral function and susceptibility to human immunodeficiency virus infection. Virology 354: 15-27, 2006.
16. Modi, W.S., Lautenberger, J., An, P., Scott, K., Goedert, J.J., Strathdee, S., Buchbinder, S., Phair, J., Donfield, S., O'Brien, S.J., and Winkler C.A. Genetic variation in the *CCL18* – *CCL3* – *CCL4* chemokine gene cluster influences HIV-1 transmission and AIDS disease progression. Am J Hum Genet 79: 120-128, 2006.
17. Wang, L.H., Yang, X., Zhang, X., An, P., Kim, H., Huang, J., Clarke, R., Osborne, C., Inman, J., Appella E., and Farrar, W.L. Disruption of estrogen receptor DNA-binding domain and related intramolecular communication restores tamoxifen sensitivity in resistant breast cancer. Cancer Cell 10: 487-499, 2006.
18. An, P., Duggal, P., Wang, L.H., O'Brien, S.J., Donfield, S., Goedert, J.J., Phair, J., Buchbinder, S., Kirk, G.D., and Winkler, C.A. Polymorphisms of *CUL5* are associated with CD4⁺ T cell loss in HIV-1 infected individuals. PLoS Genet 3: e19, 2007.

Abstracts

1. An, P., Liu, F.J., and Tian, G.S. Intrauterine transmission of hepatitis B virus. Mod Pathol 7: 135A, Annual Meeting of United States and Canadian Academy of Pathology, San Francisco, CA, 1994.
2. An, P., Sun, S. H, Winkler, C., and O'Brien, S.J. Mutations in the core promoter and precore region of HBV in the hepatocellular carcinoma and liver cirrhosis tissues. Hepatology 24 (pt.2): 562A, 47th Annual Meeting of The American Association for Liver Diseases, Chicago, IL, 1996.
3. An, P., Vlahov, D., Maroglick, J., Phair, J., O'Brien, T.R., Lautenberger, J., O'Brien, S.J., and Winkler, C.A. A TNF- α inducible promoter variant of Interferon-gamma accelerates AIDS progression. 52nd Annual Meeting of American Society of Human Genetics, Baltimore, MD, 2002.
4. An, P., Nelson, G., Vlahov, D., Donfield, S., Goedert, J.J., Phair, J., Buchbinder, S., O'Brien, S.J., and Winkler, C.A. Influence of Cul5 genetic variants on AIDS. International Meeting of The Institute of Human Virology, Baltimore, MD, 2004.
5. An, P., Bleiber, G., Duggal, P., May, M., Mangeat, B., Alobwede, I., Trono, D., O'Brien, S.J., Telenti, A., and Winkler, C.A. Influence of APOBEC3G genetic variants on AIDS. International Meeting of the Institute of Human Virology, Baltimore, MD, 2004.
6. An, P., Nelson, G.W., Kirk, G.D., Detels, R., Buchbinder, S., Donfield S., Goedert, J., Sodroski, J., O'Brien, S.J., and Winkler, C.A. Human TRIM5 α polymorphisms and haplotypes are associated with susceptibility to human immunodeficiency virus infection. 56nd Annual Meeting of American Society of Human Genetics, New Orleans, LA, 2006.