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# CURRICULUM VITAE

Yuanqin Yin, Associate Professor  
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## Research Objectives

- To discover the key mechanism of carcinogenesis and find the method of tumor therapy.
- To study the mechanism of hepatocellular carcinoma (HCC) in invasion and metastasis.
- To find the therapy methods of HCC.

## Qualification

- Worked for molecular oncology in lab for 8 years
- Having research experience in cellular and molecular neuroscience and oncology
- Familiar with various Laboratory works. Perfect in cell culture, PCR, gene cloning, gene expression, in situ hybridization, electrophoresis, Western blots, Northern blots , immunohistochemistry and animal model.

## Education

- **09/1998-07/2001** PhD, Dept. of molecular oncology, China Medical University
- **09/1990-07/1993** M.A., Dept. of Infectious Disease, China Medical University
- **09/1985-07/1990** B.A., Dept. of Medical Science, Lanzhou Medical College

## Work Experience

- **09/2001-Present:**

Employer: Youhong Jiang, Chairman Prof., Cancer Institute, the First Affiliated Hospital of China Medical University, Shenyang.

Title of position: Associate professor

Responsibility: Doing research in neuroscience and oncology. Teaching molecular oncology for postgraduate student.

- **10/1996-08/1998:** Doctor in chief, the 2nd Clinical Hospital of CMU
- **08/1993-09/1996:** Internship, the 2nd Clinical Hospital of CMU

## Skills

- Many years' experience in tumor cell culture.
- Master of flow cytometry techniques and gel electrophoresis technology.

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- Deep understanding of physiology, pathophysiology and cell biology related basic theory of knowledge and technology.
  - Master of Western blot, in situ hybridization and immunocytochemistry techniques.
  - SiRNA interference techniques. Cell transfection techniques.

## Papers and Publications

1. **Yuanqin Yin**, Ziwen Zhou, Zhanyin Wang, Zhaoquan Wang. The localization study of HBsAg and HCAg in the cancer tissue of hepatocarcinoma. Journal of Hepatology, 1994; 2(4): 233-234
2. **Yuanqin Yin**, Xiaoguang Dou, Ziwen Zhou, Guojun Sun, Kundong Sha. The clinical analysis of 46 cases of viral hepatitis with pregnancy. Chinese Journal of Practical Internal Medical, 1996; 16(3): 170
3. Fen Huang, **Yuanqin Yin**, Guizheng Zhao, Guangyan Qiao. The analysis of posthepatitic cirrhosis with pseudochylous ascites. Journal of China Medical University, 1997; 26(5): 535-536
4. Zhanyin Wang, **Yuanqin Yin**, Jingrong Tian, Xueheng Lu. The relationship of pregnancy to all types viral hepatitis. Medical Journal of Liaoning, 1998; 12(4): 184-185
5. **Yuanqin Yin**, Lei Shi, Ping Ma, Changshan Ren. Molecular cloning of cDNA of human nerve growth factor: The amplification in vitro and purification of cDNA of human nerve growth factor. J of China Medical University, 2001, 30(3): 169-170
6. **Yuanqin Yin**, Chengguang Sui, Hong Chen, Changshan Ren. The amplification in vitro and sequence identification of human nerve growth factor cDNA. J of China Medical University, 2001, 30(6): 404-405
7. **Yuanqin Yin**, Changshan Ren. The relationship between apoptosis and bcl-2 gene in primary hepatocarcinoma. China Public Health, 2001, 17(4): 336
8. **Yuanqin Yin**, Changshan Ren. Amplification of human growth factor cDNA in vitro. China Public Health, 2001, 17(6): 495-496
9. **Yuanqin Yin**, Ping Ma, Chengguang Sui, Changshan Ren. Cloning of gene of human nerve growth factor in prokaryotic cells. J Chin Med Univ, 2003, 32(2): 97-99
10. **Yuanqin Yin**, Ping Ma, Changshan Ren. The expression of human nerve growth factor cDNA in eukaryotic cell. Journal of Apoplexy and Nervous Diseases, 2003, 20(5): 397-399

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11. **Yuanqin Yin**, Changshan Ren, Jianfei Nao, Hong Chen, Tao Jiang, Yang Wang, Xueying Jing. The establishment of animal model of Alzheimer's disease and the effect of NGF on ChAT. Chinese Journal of Gerontology, 2004, 24(9): 17-19
  12. Chengguang Sui, **Yuanqin Yin**, Changshan Ren. Studies on delivering HSV-1 vector mediated lacZ gene into central nervous system by olfactory pathway in rat. China Journal of Modern Medicine, 2005, 15(15): 2275-2277
  13. Chengguang Sui, **Yuanqin Yin**, Changshan Ren. Study on the construction of animal model for Alzheimer's disease and its change of molecular pathology. Chinese Journal of Gerontology, 2005, 25(9): 1069-1071
  14. Ping Ma, **Yuanqin Yin**. Expression and significance of cell cycle regulator p27kip1, DI, and SPF in esophagus cancer. CHIN J CANCER PREV TREAT, 2006, 13(18): 1397-1399
  15. Xiaohua Wang, **Yuanqin Yin**, Chengguang Sui, Fandong Meng, Ping Ma, Youhong Jiang. Inhibitory effect of Cantharidin on proliferation of A549 cells. Chinese Journal of Cancer Research, 2007, 19(4): 283-286
  16. **Yuanqin Yin**, Chengguang Sui, Xiaohua Wang, Ping Ma, Liye Fu, Yang Wang. The study of antiproliferative effect of all-trans retinoic acid and interferon-gamma on human hepatocarcinoma cell line SMMC-7721. China Medical Engineering, 2007, 15(9): 705-708
  17. **Yuanqin Yin**, Xiaohua Wang, Ping Ma, Liye Fu, Yang Wang. The Enhancement Effect of Interferon-gamma to All-trans Retinoic Acid Inducing Apoptosis on Human Hepatocarcinoma Cell Line SMMC-7721. CHINESE JOURNAL OF HEMORHEOLOGY, 2008, 18(1): 37-39
  18. **Yuanqin Yin**, Xiaohua Wang, Ping Ma, Liye Fu, Tao Jiang, Yang Wang. Interferon-gamma Enhances the Antitumor Effect of All-trans Retinoic Acid on Hepatocellular Carcinoma Cells by Inhibiting the Expression of Nuclear Factor-kappaB. Chinese Journal of Cancer Research, 2008, 20(3): 211-215
  19. **Yuanqin Yin**, Shuyan Du, Yang Wang, Xiaochun Dai, Hong Shu, Chengguang Sui, Fandong Meng, Youhong Jiang. Hepatitis B vaccine enhanced the treating effect of CIK cells on Hepatitis B virus transgenic mice. Chinese Journal of Microbiology and Immunology, 2010, 30(1): 27-30