

CURRICULUM VITAE

Xiaojun Yang Ph.D. candidate

State Key Laboratory of Virology, College of Life Sciences
Wuhan University, Wuhan, Hubei Province, 430072, P.R. China
Telephone: +86-27-87669539 (Dorm) +86-27-68752372 (Lab)
E-Mail: xiaojunyang.cn@gmail.com

Personal Information

Date of Birth: February 24, 1978
Place of Birth: Huang gang, Hubei Province
Nationality: Chinese
Sex: Male
Marital Status: Single



Education

September 2002 - present Ph.D candidate
Major in Molecular Virology
College of Life Sciences, Wuhan University, P.R. China

Research Area: Molecular Virology, Supervised by Prof. Linbai Ye, Ph.D.

Research Projects:

- The interaction between hepatitis C virus NS2 protein and eukaryotic cells
- The effects of HCV NS2 protein expression on the activity of NS5B polymerase and HCV replication
- *In vitro* and *in vivo* protective effect of a proteoglycan isolated from the mycelia of *Ganoderma lucidum* on carbon tetrachloride-induced liver injury

September 2000 – June 2002 Master of Science
Major in Molecular Virology
College of Life Sciences, Wuhan University, P.R. China

Research Area: Molecular Virology, Supervised by Prof. Linbai Ye, Ph.D.

Research Project:

- Biological functions of hepatitis C virus NS5A protein in mammalian cells

September 1996 – June 2000 Bachelor of Science
Major in Pharmacology
College of Life Sciences, Wuhan University, P.R. China

Main Courses Taken:

Molecular biology, Cell biology, Immunology, Microbiology, Biochemistry, Genetics, Medical virology, Oncology, Pharmacology, Pharmacy, etc.

Awards and Honors:

2003	Outstanding Student of Wuhan University
2003	Excellent Student Scholarship
2000	Outstanding Graduate Student of Wuhan University
1998	Outstanding Student of Wuhan University

Technical Skills:

- Molecular biological techniques (construct plasmid, sequence analysis, PCR, RT-PCR, quantitative RT-PCR, etc.)
- Expression and purification of protein
- RNA operation (RNA transcription *in vitro*, RNA electrophoresis, preparation of RNA probe and Northern blotting)
- Cell biology technology (cell culture, transfection, immunofluorescent staining, cell growth and colony formation efficiency assays, flow cytometry assay, apoptosis assay, Western blotting, etc.)
- Virology technology (ELISA assay and viral infection)
- Mice manipulation
- Histopathological examination
- cDNA microarray analysis
- Biosoftware usage (Bioedit, DNASTAR, *Total/Lab*, etc.)

Publications

Xiao-Jun Yang, Jing Liu, Li Ye, Qing-Jiao Liao, Jian-Guo Wu, Jin-Rong Gao, Ying-Long She, Zheng-Hui Wu, Lin-Bai Ye*. HCV NS2 protein inhibits cell proliferation and induces cell cycle arrest in the S-phase in mammalian cells through down-regulation of cyclin A expression. *Virus Research*. (Article in press)

Xiao-Jun Yang, Jing Liu, Lin-Bai Ye*, Fan Yang, Li Ye, Jin-Rong Gao, Zheng-Hui Wu. *In vitro* and *in vivo* protective effect of a proteoglycan isolated from the mycelia of *Ganoderma lucidum* on carbon tetrachloride-induced liver injury. *World J Gastroenterol*. 2006 12(9):1379-1385. (*the first two authors contribute equally to this work)

Yu-Hua Wang, **Xiao-Jun Yang**, Shan-Shan Li, Bo Gao, Lin-Bai Ye*. The effects of HCV NS2 protein expression on the activity of NS5B polymerase and HCV replication in mammalian cells. (Article in preparation)

Jing Liu, Fan Yang, Lin-Bai Ye*, **Xiao-Jun Yang**, Timani Khalid Amine, Yi Zheng,

Yu-Hua Wang. Possible mode of action of antiherpetic activities of a proteoglycan isolated from the mycelia of *Ganoderma lucidum in vitro*. J Ethnopharmacol 2004 95(2-3):265-272.

Jing Liu, Fan Yang, **Xiao-Jun Yang**, Timani Khalid Amine, Yi Zheng, Zheng-Hui Wu, Lin-Bai Ye*. Inhibition of herpes simplex virus infection by a protein free polysaccharide isolated from mycelium of *Ganoderma lucidum*. Antiviral Research (Submitted)

Jing Liu, Fan Yang, **Xiao-Jun Yang**, Timani Khalid Amine, Yi Zheng, Zheng-Hui Wu, Lin-Bai Ye*. Inhibition of growth of mouse sarcoma -180 tumor cell by a protein free polysaccharide insolated from mycelium of *Ganoderma lucidum in vivo* and clinic study. J Ethnopharmacol (Submitted)

Qing-Jiao Liao, Lin-Bai Ye*, Timani Khalid Amine, Ying-Long She, **Xiao-Jun Yang**, Li Ye, Zheng-Hui Wu. Hepatitis C virus non-structural 5A protein can enhanced full length core protein induced NF- κ B activation. World J Gastroenterol 2005 7;11(41):6433-6439.

Li Ye, Khalid Amine Timani, Lin-bai Ye*, Ling-bao Kong, **Xiao-jun Yang**, Qing-jiao Liao, Jian-mei Wu. Two *cis*-acting elements in negative RNA strand of hepatitis C virus involved in synthesis of positive RNA strand *in vitro*. Acta Virologica. 2005 49(2):83-90.

Yi Zheng, Lin-Bai Ye*, Jing Liu, Wei Jing, Timani Khalid Amine, **Xiao-Jun Yang**, Fan Yang, Wei Wang, Bo Gao, Zheng-Hui Wu. Gene expression profiles of HeLa cells impacted by hepatitis C virus non-structural protein NS4B. J Biochem Mol Biol. 2005 31;38(2):151-160.

Khalid Amine Timani, Qing-Jiao Liao, Li Ye, Ying-Chun Zeng, Jing Liu, Yi Zheng, Lin-Bai Ye, **Xiao-Jun Yang**, Ling-Bao Kong, Jin-Rong Gao, Ying Zhu. Nuclear/nucleolar localization properties of C-terminal nucleocapsid protein of SARS coronavirus. Virus Research. 2005 114(1-2):23-34.

Xiao-Jun Yang, Lin-Bai Ye*, Jin-Rong Gao, Jing Liu, Fan Yang, Li Ye, Ying-Long She, Qing-Jiao Liao, Zheng-Hui Wu. The stable expression of NS5A gene of HCV in HeLa cells and inhibit to the growth of HeLa cells. Virologica Sinica, 2004, 19(4): 340-344. (Article in Chinese)

Xiao-Jun Yang, Lin-Bai Ye*, Jin-Rong Gao, Jing Liu, Yi Zheng, Qing-Jiao Liao, Ying-Long She, Zheng-Hui Wu, Li Ye. The effect of hepatitis C virus nonstructural 5A protein expression on the Huh7 cell cycle. Chinese Journal of Virology, 2005, 21(5): 349-352. (Article in Chinese)

Fan Yang, Lin-Bai Ye*, Jing Liu, **Xiao-Jun Yang**, Qing-Jiao Liao, Ying-Long She, Li Ye. Hepatitis C virus NS2 protein suppresses the activities of NF- κ B in Huh-7 cell line. *Virologica Sinica*, 2004, 19(4): 335-339. (Article in Chinese)

Jing Liu, Fan Yang, Shan-Shan Li, Yu-Hua Wang, **Xiao-Jun Yang**, Zheng-Hui Wu, Jin-Rong Gao, Lin-Bai Ye*. Inhibition of herpes Simplex virus infection by a GLP isolated from mycelium of *Ganoderma Lucidum*. *Virologica Sinica*, 2005, 20(4): 362-365. (Article in Chinese)

References:

Linbai Ye Ph.D.
Professor
State Key Laboratory of Virology, College of Life Sciences
Wuhan University, Wuhan 430072 P.R.China
Tel: +86-27-68752372
E-mail: linbaiye@whu.edu.cn

Jianguo Wu Ph.D.
Professor and director,
State Key Laboratory of Virology, College of Life Sciences
Wuhan University, Wuhan 430072 P.R.China
Tel: +86-27-68754979
E-mail: wu9988@vip.sina.com

Jing Liu Ph.D.
Associate Professor
College of Pharmacy
Wuhan University, Wuhan 430072 P.R.China
E-mail: jingl@whu.edu.cn