

Curriculum Vitae

Personal Information

Name: Wenjuan Li

Gender: Female

E-mail: liwenjuan@technowab.com

Education

Ph.D. in Medicine in Pharmacology

Sep. 2013 – Jun. 2017

Southern Medical University, China

✧ **Doctorate Thesis:** “The discovery and identification of HIV-1 gp120 naturally degraded peptides and their effects on promoting HIV-1 infection.”

✧ **Techniques involved in the Doctorate thesis:**

Vector construction, Over-lap PCR, Site-Directed Mutagenesis, Real-time PCR, MTT, Package of pseudotype virus (HIVpp),

CHX-chase assay, Western blotting, Co-IP,

Lectin-affinity purification of gp120 protein expressed in HEK293 cells,

immune-colloidal gold, TEM, HE stain, Zeiss Confocal(immunofluorescence IF),

CD, Peptidome LC-MS/MS (samples pretreatment), ELISA, AKTA-plus

training(Certified by GE)

Software: EndNote7, PyMOL, IPP, Image J, SPSS22, PRISM5, Origin.

CompuSyn IC₅₀

M.S in Cell biology

Sep. 2008 – Jul. 2011

Shenzhen University, China

✧ **Master’s thesis:** The study on the interaction between pSRPK and p14-3-3

✧ **Techniques Involved in the Master’s thesis:**

Vector construction, Site-Directed Mutagenesis, Over-lap PCR,

Yeast-two-hybrid, cell culture

Software: Primer 5, DNAssit2.2.

B.E in Bioengineering

Sep. 2004 – Jul. 2008

Hubei University Zhixing College, China

Work Experience

2011-2013 I worked as a technical support in selling automatic cell counter produced by *ALIT Company* in south china after graduation.

Language Proficiency

- ✧ Sep, 2011 TOFEL: 83
- ✧ Oct, 2010 GRE: 1210+3.0
- ✧ Jun, 2007 CET-6: 507
- ✧ Jun, 2006 CET-4: 500
- ✧ Fluent in English Reading, Listening, Speaking, & Writing.

Extracurricular Activities

- Serving as teaching-assistant of cell biology class in Dec. 2009.
- Internship in China Resources Snow Breweries Tianmen Hubei Province on July 2007.
- Worked as the Librarian in the library 2005-2006.
- Volunteer as teacher to help children in need and the elders of geracomium 2006.
- Volunteer as the healthy relay race held by Amway Company 2010.

Honors and Awards

- Jun, 2006 Second-class Scholarship Student
- Jun, 2005 Champion of Math Contest
- Dec, 2005 Third-class Scholarship Student
- 2005-2006 The Study Pacemaker of the College

Personality Strength

- An enthusiastic, straight-forward and open-minded learner.
- A wise person, who possesses self-motivated and serious working attitude.
- Excellent interpersonal communication skills with great performance under pressure.
- After encountered with difficulties, the endurance of sufferings and problem-solving ability have become into my advantage.
- My motto is “As long as the constant effort can be made, the good harvest is surely to be achieved”.

Personal Interests

Cooking Chinese Food: Steamed fish, Stir-fried eggs with tomato, Shredded pork with green pepper, Chicken soup

Horticulture: grow flowers

Mountain climbing

Publications

1. Tianrong Xun, **Wenjuan Li**, Jinquan Chen, Wei Xu, Qian Wang, Ruizhe Yu, Xiaojuan Li, Xuefeng Zhou, Lu Lu, Shibo Jiang, Lin Li, Suiyi Tan*, Shuwen Liu*.

- ADS-J1 Inhibits Semen-derived Amyloid Fibril Formation and Blocks Fibril-mediated Enhancement of HIV-1 Infection. *Antimicrobial Agents and Chemotherapy*, September 2015 vol. 59 no. 9 5123-5134. (IF=4.451)
2. Ruxia Ren, Tianrong Xun, **Wenjuan Li**, Xuefeng Zhou, Shuwen Liu*, Suiyi Tan*. The research progress of anionic polymers microbicides. *China Pharmacy*, 2014(26):2467-2470
 3. Jinquan Chen, Ruxia Ren, Fei Yu, Chunyan Wang, Xuanxuan Zhang, **Wenjuan Li**, Suiyi Tan, Shibo Jiang, Shuwen Liu, and Lin Li. A Degraded Fragment of HIV-1 Gp120 in Rat Hepatocytes Forms Fibrils and Enhances HIV-1 Infection. *Biophysical Journal* (under review)
 4. **Wenjuan Li**, Yongmei Jin, Shuwen Liu. The study of critical site of gp120 on ubiquitin degradation pathway. (In preparation)
 5. Suiyi Tan#, **Wenjuan Li**#, Jinqing Li, Lu, Lu, Chungen Pan, Lin Li, Shibo Jiang*, Shuwen Liu*. Naturally Occurring Peptide from HIV-1 gp120 during Viral Infection Forms Amyloid Fibrils that Enhance Viral Infection. (In preparation)

Conference Papers

1. The gp120 of HIV could influence genes related to hepatocyte and increase hepatocyte tumor metastasis. **Wenjuan Li**, Suiyi Tan*, Shuwenliu*
(Oct. 2014 International Symposium on Virus Entry Inhibitors, ISVEI Shanghai)
poster paper
2. Construction and the overexpression of pCMV-Flag-TRIM5 α plasmid in HEK293T cells **Wenjuan Li**, Suiyi Tan*, Shuwenliu*
(June 2015 Guangdong province pharmacology annual meeting Guangzhou)
3. Naturally Occurring Peptide from HIV-1 gp120 during Viral Infection Forms Amyloid Fibrils that Enhance Viral Infection. Suiyi Tan#, **Wenjuan Li**#, Jinqing Li, Lu, Lu, Chungen Pan, Lin Li, Shibo Jiang*, Shuwen Liu*
(Nov. 2016 National conference on anti-inflammatory and immune pharmacology Zunyi)