

# Lei Li, PhD

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## Scientific Education

- Postdoctoral Associate, 09/2016 ~ Present  
The Dan L Duncan Cancer Center, Baylor College of Medicine, USA  
Mentor: Prof. Wei Li
  
- Computational RNA biologist, 11/2013 ~ 08/2016  
Institute for Molecular Infection Biology, University of Würzburg, Germany  
Mentor: Prof. Jörg Vogel
  
- PhD in Computational Biology, 08/2009 ~ 10/2013  
The Chinese University of Hong Kong, Hong Kong SAR, China  
Mentor: Prof. Hoi Shan Kwan
  
- Internship, 07/2008 ~ 05/2009  
CAS-MPG Partner Institute for Computational Biology of Chinese Academy of sciences, Shanghai, China  
Mentor: Prof. Shuhua Xu
  
- B.S, 09/2005 ~ 06/2009  
Bioengineering, School of Life Sciences, Nanchang University, China

## Bioinformatics Skills

- Expertise in Python, R, Perl, SQL, Unix
- Population genomics and genetics analysis
- Comparative microbial genomics and evolution analysis
- RNA deep sequencing data analysis (Single cell RNA-Seq, CLIP-Seq, Ribosome profiling, Degradome sequencing, dRNA-Seq)
- Mass Spectrometry data analysis
- Machine-learning

## Main conferences attended

- From Functional Genomics to Systematic Biology. Nov 8-11th, 2014. EMBL Heidelberg, Germany

- 3<sup>rd</sup> Mol Micro Meeting, May 7-9<sup>th</sup>, 2014. Würzburg, Germany
- Cell Symposia on Functional RNAs, December 2-4<sup>th</sup>, 2012. Sitges, Spain.
- The 6th International Conference on Genomics, November 12-15<sup>th</sup>, 2011. Shenzhen, China
- Bio-IT APAC Conference & Expo 2011, July 4-7<sup>th</sup>, 2011. Shenzhen, China
- Health Research Symposium 2010, September 11<sup>th</sup>, 2010. Hong Kong

### **Awards**

- 2008.9      National Computer Rank Examination Grade 4 (highest rank)

### **Teaching experience**

- 2009-2013 Teaching Assistant (Labs in General Microbiology and Genetics), The Chinese University of Hong Kong.