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## 基础医学系



李元元

### 履历

2017-至今，清华大学，医学院基础医学系，助理研究员  
 2011-2017，清华大学，医学院基础医学系，博士后  
 2006-2011，中国科学院生物物理研究所（清华大学联合培养），生物化学与分子生物学专业，理学博士  
 2002-2006，山东大学，生命科学学院，生物技术系，理学学士

### 研究领域与方向

以结构生物学为主要研究手段，主要从事参与转录调控的关键表观遗传因子，特别是识别组蛋白修饰的阅读器蛋白以及新型组蛋白修饰的结构与功能研究，同时致力于基于结构的表观遗传靶向药物开发。

### 学术荣誉与奖励

#### 关键词

#### 代表性论文

[1] Liling Wan\*, Hong Wen\*, Yuanyuan Li\*, Jie Lyu, Takayuki Hoshii, Julia Joseph, Xiaolu Wang, Yong-Hwee E. Loh, Michael A. Erb, Amanda L.Souza, James E. Bradner, Li Shen, Wei Li, Haitao Li, C.David Allis, Scott A.Armstrong, Xiaobing Shi. ENL links histone acetylation to oncogenic gene expression in AML. Nature 2017, doi:10.1038/nature21687. (\*共同第一作者，已在线发表，2017年3月9日正式发表)

[2] Xiaozhe Xiong, Tatyana Panchenko, Shuang Yang, Shuai Zhao, Peiqiang Yan, Wenhao Zhang, Wei Xie, Yuanyuan Li\*, Yingming Zhao, C. David Allis, Haitao Li. Selective recognition of histone crotonylation by double PHD fingers of MOZ and DPF2. Nat Chem Biol 2016,12(12): 1111-1118. (\*高级作者，发现了DPF偏性识别组蛋白巴豆酰化修饰的能力)

[3] Yuanyuan Li\*, Dan Zhao, Zhonglei Chen, Haitao Li. YEATS domain: Linking histone crotonylation to gene regulation. Transcription 2017,8(1): 9-14. (特邀综述, \*第一作者)

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[7] Shuai Zhao, Xiaonan Su, Yuanyuan Li, Haitao Li. Research advances in the mechanism of histone methylation recognition by reader modules [J]. Science and Technology Review 2015,33(8): 94-100. (特邀综述)

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[9] Yuanyuan Li\*, Hong Wen\*, Yuanxin Xi, Kaori Tanaka, Haibo Wang, Danni Peng, Yongfeng Ren, Qihuang Jin, Sharon Y.R. Dent, Wei Li, Haitao Li, Xiaobing Shi. AF9 YEATS Domain Links Histone Acetylation to DOT1L-Mediated H3K79 Methylation. *Cell* 2014,159(3): 558-71. (\*共同第一作者)

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