

## Yanhong Xiao

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### EDUCATION

2011-2016 Ph.D. Ecology, Northeast Normal University, Changchun, China  
2007-2011 B.Sc. Ecology, Northeast Normal University, Changchun, China

### RESEARCH INTERESTS

I am interested in molecular ecology, evolution and conservation. I focus mainly on the molecular basis of bats' hibernation, such as hibernation-related gene expression and adaption in hibernating bats. Recently, I am studying symbiotic relationship between bat and its gut microbiota in the context of hibernation.

### PROFESSIONAL EXPERIENCE

2017-Present Postdoc in School of Environment, Northeast Normal University

### PUBLICATIONS

1. **Yanhong Xiao**, Keping Sun, Jiang Feng, Complete mitochondrial genomes of two subspecies (*Rhinolophus ferrumequinum nippon* and *Rhinolophus ferrumequinum tragatus*) of the greater horseshoe bat (Chiroptera: Rhinolophidae), Mitochondrial DNA A DNA Mapp Seq Anal, 2017, 28(1): 96-97.
2. **Yanhong Xiao**, Yonghua Wu, Keping Sun, Jiang Feng, Cell proliferation: a potential compensatory mechanism for tissue damage during hibernation, Musculoskeletal Regeneration, 2016, 2: e1307.
3. **Yanhong Xiao**, Yonghua Wu\*, Keping Sun, Hui Wang, Tinglei Jiang, Aiqing Lin, Xiaobin Huang, Xinke Yue, Limin Shi, Jiang Feng\*, Gene expression and adaptive evolution of *ZBED1* in the hibernating greater horseshoe bat (*Rhinolophus ferrumequinum*), Journal of Experimental Biology, 2016, 219(6): 834-843.
4. **Yanhong Xiao**, Yonghua Wu, Keping Sun, Hui Wang, Bing Zhang, Shuhui Song, Zhenglin Du, Tinglei Jiang, Limin Shi, Lei Wang, Aiqing Lin, Xinke Yue, Chenji Li, Tingting Chen, Jiang Feng, Differential expression of hepatic genes of the greater horseshoe bat (*Rhinolophus ferrumequinum*) between the summer active and winter torpid states, Plos One, 2015, 10(12): e0145702.
5. Hui Wang, Haitao Wang, **Yanhong Xiao**, Xiaoping Wang, Lixin Sun, Jingsong Shi, Aiqing Lin, Jiang Feng, Yonghua Wu, Low genetic diversity and moderate inbreeding risk of an insular endemic pit viper (*Gloydius shedaoensis*): implication for conservation, Journal of Herpetology, 2015, 49(2): 190-199.
6. Lei Wang, Aiqing Lin, **Yanhong Xiao**, Tinglei Jiang, Jiang Feng, Postnatal development in the big-footed bat, *Myotis macrodactylus*: wing morphology, echolocation calls, and flight, Acta Theriologica, 2014, 59(3): 435-441.

### PRESENTATIONS

Yanhong Xiao, Yonghua Wu, Keping Sun, and Jiang Feng. 2013. Adaption evolution of hibernation-related genes in hibernating greater horseshoe bat, *Rhinolophus ferrumequinum* (oral presentation). 9rd Annual Meeting for Wildlife Ecology and Resource Conservation, Wuhan, China

### GRANTS

2018.1-2020.12

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