

CURRICULUM VITAE

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EDUCATION

2015-2020	Ph.D. in Biology , Tsinghua University
2011-2015	B.Sc. in Biology , Shitsan Pai Talent Program in Life Sciences, Univ. of Science and Technology of China

ACADEMIC POSITIONS AND AFFILIATIONS

2020-present	Research Assistant , School of Life Sciences, Tsinghua University
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RESEARCH EXPERIENCE

2015-2020	Ph.D. student with Qiangfeng Cliff Zhang, School of Life Sciences, Tsinghua University Topic: Design algorithms for single-cell data analysis
2014-2015	Undergraduate student with Nieng Yan, School of Medicine, Tsinghua University Topic: Structural biology

AWARDS AND HONORS

2020	SCALE method is selected as “Top Ten Advances in Bioinformatics in China” in 2019 by Genomics, Proteomics & Bioinformatics
2020	SCALE method is selected as “Top Ten Algorithms and Tools for Bioinformatics in China” in 2019 by Genomics, Proteomics & Bioinformatics
2019	Outstanding Scholarship of the Beijing Advanced Innovation Center of Structure Biology at Tsinghua University
2016	Innovation Scholarship of the Beijing Advanced Innovation Center of Structural Biology at Tsinghua University
2011~2013	Excellent Student Scholarship, Univ. of Science and Technology of China

PUBLICATIONS

* for first authorship, # for corresponding authorship.

1. **Lei Xiong**, Kui Xu, Kang Tian, Yanqiu Shao, Lei Tang, Ge Gao, Michael Zhang, Tao Jiang & Qiangfeng Cliff Zhang#. (2019). SCALE method for single-cell ATAC-seq analysis via latent feature extraction. *Nature Communications* 10:4576.

2. Dong Deng*, Pengcheng* Sun, Chuangye Yan, Meng Ke, Xin Jiang, **Lei Xiong**, Wenlin Ren, Kunio Hirata, Masaki Yamamoto, Shilong Fan, Nieng Yan#. (2015) Molecular basis of ligand recognition and transport by glucose transporters. *Nature* 526:391-396.