

# Xin Dong

Ph.D. Student

Department of Bioinformatics, School of Life Sciences and Technology

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## EDUCATION

Sep.2020 – Now

**Ph.D. Student in Bioinformatics**

School of Life Sciences and Technology, Tongji University, China

Advisors: Dr. Xiaole Shirley Liu & Dr. Chenfei Wang & Dr. Xiaoyan Zhang

Sep.2018 – Aug.2020

**M.S. Candidate in Bioinformatics**

School of Life Sciences and Technology, Tongji University, China

Advisors: Dr. Zhiping Weng & Dr. Xiaole Shirley Liu & Dr. Xiaoyan Zhang

Sep.2014 – Jun.2018

**B.S. in Biotechnology**

School of Life Sciences, Shandong Normal University, China

Advisor: Dr. Chengqiang He

## RESEARCH EXPERIENCE

2018 – Now

**Epigenetics and Gene Regulation Research**

Institute: Tongji University, P.R. China

Advisor: Dr. Xiaole Shirley Liu

2017 – 2018

**Undergraduate Dissertation Research**

Institute: Shandong Normal University, P.R. China

Advisor: Dr. Chengqiang He

*Rapid establishment of H7N9 dominant lineage by intragenic recombination in HA segment*

2016 – 2017

**Undergraduate Innovation Program (Presided)**

Institute: Shandong Normal University, P.R. China

Advisor: Dr. Chengqiang He

*Screening of Newcastle Disease Virus Heat-Resistant Vaccine by Homologous Recombination*

2015 – 2016

**Undergraduate Innovation Program (Involved)**

Institute: Shandong Normal University, P.R. China

Advisor: Dr. Chengqiang He

*the Origin, Adaptive Evolution and Population Dynamics of Infectious Chicken Anemia Virus in China*

**2015 – 2016 Undergraduate Innovation Program (Involved)**

Institute: Shandong Normal University, P.R. China

Advisor: Dr. Rongshu Fu

*Diversity of fish in Nansi Lake*

**PUBLICATIONS**

Asterisk (\*) denotes the Co-first Authors and Hashtag (#) denotes the Corresponding Authors.

- Chen,C.-H., Zheng,R., Tokheim,C., **Dong,X.**, Fan,J., Wan,C., Tang,Q., Brown,M., Liu,J.S., Meyer,C.A. #, Liu,X.S.# (2020) Determinants of transcription factor regulatory range. *Nature Communications*, 11, 2472.
- Zheng,R.\*, **Dong,X.\***, Wan,C., Shi,X., Zhang,X.# and Meyer,C.A.# (2020) Cistrome Data Browser and Toolkit: analyzing human and mouse genomic data using compendia of ChIP-seq and chromatin accessibility data. *Quantitative Biology*
- Li,S.\*, Wan,C.\*, Zheng,R., Fan,J., **Dong,X.**, Meyer,C.A.# and Liu,X.S.# (2019) Cistrome-GO: a web server for functional enrichment analysis of transcription factor ChIP-seq peaks. *Nucleic Acids Research*, 47, W206–W211.

**CONFERENCES**

2019 Attendance, 14<sup>th</sup> International Bioinformatics Workshop, 2019, Beijing, P.R. China

**TEACHING**

2020 Teaching assistant, Summer Bioinformatics Course of Life Science and Technology School, Tongji University, 2020, Shanghai, P.R. China

2019 Teaching assistant, Dragon Star Course, 14<sup>th</sup> International Bioinformatics Workshop, 2019, Beijing, P.R. China

**AWARDS AND DISTINCTIONS**

2019 Outstanding Graduate Student Scholarship, Tongji University

2018 Outstanding Dissertation for Bachelor's Degree, Shandong Normal University

2017 Outstanding Graduates Awards of Shandong Province, Human Resources and Social Department of Shandong Province

2017 National Encouragement Scholarship

2017 The First Prize of The Fifteenth Challenge Cup Competition in Shandong, Shandong Communist Youth League

2017 Advanced Individual of Extracurricular Science and Technology Innovation Activities, Shandong Normal University

2017 Excellent Student Cadre in Shandong, Shandong Provincial Education Department

- 2016 The Grand Prize of Shandong College Students' Biochemistry Experiment Skills Competition, Shandong Association of Science & Technology
- 2016 National Encouragement Scholarship
- 2016 Advanced Individual of External Publicity, Shandong Normal University
- 2016 Alumni Scholarship, School of Life Sciences of Shandong Normal University
- 2015 Outstanding Cadres of The Students' Union, Shandong Normal University
- 2015 National Encouragement Scholarship
- 2015 Advanced Individual of Campus Cultural Activities, Shandong Normal University
- 2014 Advanced Individual of Freshman Corps in Military Training, Shandong Normal University

## **LEADERSHIP AND PUBLIC SERVICE**

- 2016 – 2017**      **Vice-president**  
                     **Chairman of Executive Committee**  
Students' Union, Shandong Normal University
- 2015 – 2016**      **Minister of Literatures and Arts Department**  
Students' Union, Shandong Normal University
- 2016**              **Organizing Committee Chair**  
30<sup>th</sup> Top Ten Campus Singers Competition of Shandong Normal University
- 2015**              **Organizing Committee Chair**  
Golden Microphone Host Competition of Shandong Normal University
- 2015 – 2016**      **Committee Member of Network Department**  
Students' Union, School of Life Sciences, Shandong Normal University
- 2014 – 2015**      **Member of Rights and Interests Department**  
Students' Union, Shandong Normal University