

chromatin-associated proteins using gradient elution of 1,6-hexanediol. **BMC Genomics**. 2023 Aug 28;24(1):493.

6. Han P, **Hou C**, Zheng X, Cao L, Shi X, Zhang X, Ye H, Pan H, Liu L, Li T, Hu F, Li Z. Serum Antigenome Profiling Reveals Diagnostic Models for Rheumatoid Arthritis. **Front Immunol**. 2022 Apr 20;13:884462.

Other Publications:

7. Xu X, Li Y, Chen T, **Hou C**, Yang L, Zhu P, Zhang Y, Li T. Investigating variant impact on phosphorylation events driving carcinogenesis. Accepted.
8. Yu C, Lang Y, **Hou C**, Yang E, Ren X, Li T. Distinctive Network Topology of Phase-Separated Proteins in Human Interactome. *J Mol Biol*. 2022 Jan 15;434(1):167292.
9. Shi M, You K, Chen T, **Hou C**, Liang Z, Liu M, Wang J, Wei T, Qin J, Chen Y, Zhang MQ, Li T. Quantifying the phase separation property of chromatin-associated proteins under physiological conditions using an anti-1,6-hexanediol index. *Genome Biol*. 2021 Aug 17;22(1):229.

Oral Presentations

2023.07 The degradation regulation of phase separating proteins. The student symposium in Fudan international summer school of life science, Shanghai, China.

2023.06 The degradation regulation of phase separating proteins. Excellent graduates symposium of Peking University School of Basic Medical Sciences, Beijing, China.

2023.04 The degradation regulation of phase separating proteins. Multidisciplinary Conference on New ideas and New Technologies at Peking University, Beijing, China.

2022.12 Targeting disordered degrons on phase separating proteins. Silk Road International Symposium for Distinguished Young Scholars at Xi'an Jiaotong University, Virtual meeting.

Honors and Awards

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| 2023 | First prize in the student symposium in Fudan international summer school of life science |
| 2023 | Peking University Excellent Graduate |
| 2022 | Peking University President Scholarship |
| 2021 | Peking University Doctoral Innovation Scholarship |
| 2020 | Peking University Junior Scholar |
| 2016 | National Scholarship |
| 2014 | Silver medal in the final of Chinese Physics Olympiad |