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Education

- 2007 Ph.D. in Chemistry, University of California, Berkeley
 Advisors: Prof. Carolyn R. Bertozzi and Prof. Alex Zettl
- 2002 B.S. in Chemistry, Tsinghua University
 Advisors: Prof. Yadong Li

Professional Experience

- 2011-present Principal Investigator, Synthetic and Functional Biomolecules Center, Peking University
- 2011-present Principal Investigator, Peking-Tsinghua Center for Life Sciences
- 2010-present Principal Investigator, Department of Chemical Biology, College of Chemistry and Molecular Engineering, Peking University
- 2007-2010 LSRF Postdoctoral Research Fellow, Immune Disease Institute, Harvard Medical School *Advisor: Prof. Timothy A. Springer*

Honors and Awards

- 2013 Chinese Chemical Society Young Chemist Award
- 2013 DuPont Young Professor Award
- 2012 SCOPUS Young Researcher Award
- 2009 Pfizer Fellow of the Life Science Research Foundation
- 2007 Chinese Government Award for Outstanding Self-financed Students Abroad
- 2006 Material Research Society Graduate Student Gold Medal Award
- 2006 Collegiate Inventors Competition Finalist
- 2001 Outstanding Undergraduate Student Award

Publications

30. Rong, J.; Han, J.; Dong, L.; Tan, Y.; Yang, H.; Feng, L.; Wang, Q.; Zhao, J.; Wang, S.; Chen, X. "Glycan Imaging in Intact Rat Hearts and Glycoproteomic Analysis Reveal the Upregulation of Sialylation during Cardiac Hypertrophy" *J. Am. Chem. Soc.* **2014**, in press.
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28. Xiao, M.; Lin, L.; Li, Z.; Liu, J.; Hong, S.; Li, Y.; Zheng, M.; Duan, X.; Chen, X. "SERS Imaging of Cell-Surface Biomolecules Metabolically Labeled With Bioorthogonal Raman Reporters" *Chem. Asian J.* **2014**, 9, 2040-2044.

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21. Zhang, C.; Yin, A.; Jiang, R.; Rong, J.; Dong, L.; Zhao, T.; Sun, L.; Wang, J.; Chen, X.; Yan, C.; "Time-Temperature Indicator for Perishable Products Based on Kinetically Programmable Ag Overgrowth on Au Nanorods" *ACS Nano* **2013**, 7, 4561-4568.
20. Rouhanifard, S. H.; Xie, R.; Zhang, G.; Sun, X.; Chen, X.; Wu, P. "Detection and Isolation of Dendritic Cells Using Lewis X-Functionalized Magnetic Nanoparticles" *Biomacromolecules* **2012**, 13, 3039-3045.
19. Xie, R.; Hong, S.; Feng, L.; Rong, J.; Chen, X. "Cell-Selective Metabolic Glycan Labeling Based on Ligand-Targeted Liposomes" *J. Am. Chem. Soc.* **2012**, 134, 9914-9917.
18. Chen, X.; Yu, Y.; Mi, L.; Walz, T.; Springer, T. A. "Molecular Basis for Complement Recognition by Integrin $\alpha_X\beta_2$ " *Proc. Natl. Acad. Sci. USA* **2012**, 109, 4586-4591.
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16. Hao, Z.; Hong, S.; Chen, X.; Chen, R. P. "Introducing Bioorthogonal Functionalities into Proteins in Living Cells" *Acc. Chem. Res.* **2011**, 44, 742-751.
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