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EDUCATION

Ph.D.	Materials Science & Engineering	University of Illinois at Urbana-Champaign (UIUC)	May 2008
M.S.	Materials Science & Engineering	University of Illinois at Urbana-Champaign	Dec 2003
B.S.	Materials Science & Engineering	University of Science and Technology of China (USTC)	July 2002

EXPERIENCE

Associate Professor , Department of Materials Science & Engineering, USTC, China	2011 - present
Associate Professor , School of Chemical Engineering, Sichuan University, China	May 2008 - 2011
Graduate Research Assistant , Materials Science & Engineering, UIUC	Aug 2002 – May 2008
Graduate Teaching Assistant , Materials Science & Engineering, UIUC	Jan 2008 – May 2008
Undergraduate Research Assistant , Chemistry, USTC	Nov 2000 – June 2002

AWARDS & HONORS

- Racheff-Intel Award for Outstanding Graduate Research in Materials Science and Engineering, UIUC, 2007
- Scholarship for Outstanding Students, USTC, 1997 – 2002

SELECTED PUBLICATIONS (*corresponding author)

1. Lihua Yang, Hongjun Liang, Thomas E. Angelini, John Butler, Robert Coridan, Jay X. Tang, Gerard C.L. Wong*, “Self-assembled virus-membrane complexes”, *Nature Materials*, 2004, 3(9), 615-619
2. Lihua Yang, Vernita D. Gordon, Abhijit Mishra, Abhigyan Som, Kirstin R. Purdy, Matthew A. Davis, Gregory N. Tew*, Gerard C.L. Wong*, “Synthetic antimicrobial oligomers induce composition-dependent topological transition in membranes”, *J. Am. Chem. Soc.*, 2007, 129, 12141-12147
3. Lihua Yang, Vernita D. Gordon, Dallas R. Trinkle, Nathan W. Schmidt, Mathew A. Davis, Clarabelle DeVries, Abhigyan Som, John E. Cronan, Jr., Gregory N. Tew, Gerard C. L. Wong*, “Mechanism of a prototypical synthetic membrane-active antimicrobial: Efficient hole-punching via negative curvature lipid targeting”, *Proc. Natl. Acad. Sci. U.S.A.*, 2008, 105, 20595-20600
4. Abhijit Mishra, Vernita D. Gordon, Lihua Yang, Robert Coridan, Gerard C. L. Wong*, “HIV TAT domain induces 6nm pores in membranes”, *Angew. Chem. Int. Ed.*, 2008, 47, 2986-2989
5. Abhigyan Som, Lihua Yang, Gerard C. L. Wong*, Gregory N. Tew*, “Divalent Metal Ion Triggered Membrane Activity in Cardiolipin Vesicles by Antimicrobial Molecule”, *J. Am. Chem. Soc.*, 2009, 131, 15102-15103