**Curriculum Vitae**

***Dawen Niu***

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**Education**

**2008−2013** Ph.D. – Organic Chemistry

Advisor: Professor Thomas R. Hoye

Thesis Project: *A* *Biomimetic* *Total Synthesis of (*+*)-Okilactomycin*

*A Hexa-dehydro Diels-Alder Approach to Generate o-Benzyne and Beyond*

GPA: 3.889

University of Minnesota, Minneapolis, MN (Transferred from West Virginia University, WV)

**2006−2008** Graduate Student

Advisor: Professor Min Ji

Research Project: *Design, Syntheses, and Evaluation of Histone Deacetylase Inhibitors*

GPA: 3.7

Southeast University, Nanjing, China

**2002−2006** B.E. *–* Pharmaceutical Engineering

Advisor: Professor Min Ji

Thesis Project: *A Practical Synthesis of SNDX-275, A Histone Deacetylase Inhibitor*

GPA: 3.8 (Ranked 1st in selected major)

Southeast University, Nanjing, China

**AWARDS AND HONORS:**

2012 Doctoral Dissertation Fellowship, UMN

2012 Council of Graduate Students Travel Award, UMN

2007 Excellent Graduate Fellowship

2006 Excellent Graduate Fellowship

2005 Guiping Zhang Fellowship

2005 Excellent All-round Student

2005 Excellent Academic Achievement Scholarship

2004 Excellent All-round Student

2004 Excellent Academic Achievement Scholarship

**GRANTS AND FUNDINGS**

Synthesis, Biosynthesis and Structure of Antitumor Agents. NIH 5R01CA076497, **Research Participant**, *PI: Thomas R. Hoye*

**PUBLICATIONS AND PRESENTATIONS**

1. T. R. Hoye, B. Baire, D. Niu, P. H. Willoughby, B. P. Woods, The Hexa-dehydro Diels–Alder Reaction: Triynes to Benzyne to Benzenoids. *Nature*, Accepted.
2. D. Niu, T. R. Hoye, A Concise Total Synthesis of (±)- and ()-Okilactomycin D. *Org. Lett.* **2012**, *14*, 828-831.
3. D. Niu, Total Synthesis of Spirotetronate Okilactomycin D. *The 10th Annual Chemistry Graduate Student Research Symposium* **2011**, Minneapolis.
4. D. Niu, G. A. O’Doherty, *Chemtracts-Organic Chemistry* **2009**, *22*, 81-88.
5. D. Niu, W. Yan, E. Sharif, M. Rajaratnam, G. A. O’Doherty, *Chemtracts-Organic Chemistry* **2009**, *22*, 89-95.
6. Hongtao Wei, D. Niu, M. Sun, M. Ji, A Practical Synthesis of SNDX-275: A Novel Inhibitor of Histone Deacetylase. *The 3rd proceedings of PharmSci@Asia* **2008**, 70-71.