**PUBLICATIONS**

**Journal articles** (Corresponding authors are highlighted with a *. Peer reviewed articles are designated with a P after the full citation.)

*From Work Conducted During Undergraduate, Graduate and Postdoctoral Periods*


From Work Conducted After Starting Independent Research


Preactivation of Thioglycoside Donors” J. Org. Chem. 2007, 72, 6409 - 6420. PMC2533580.


This publication was highlighted by the following sources:

a. American Chemical Society, News Service, Press Pac, Nov. 14th, 2007 http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_ARTICLEMAIN&amp;node_id=223&amp;content_id=WPCP_007042&amp;use_sec=true&amp;sec_url_var=region1
f. www.ti.frost.com


This publication was highlighted by the following sources:


**Patents**


**Presentations at Scholarly Meetings** (For all presentations, the presenters were listed as the first author. * denotes invited presentations at meetings.)


32. Sun, B.; Huang, X.; “Synthesis towards Fucosylated Bi-antennary Complex Type N-glycans” 3rd Midwest Carbohydrate and Glycobiology Symposium, 2007, Columbus, OH.


35. Zeng, Y.; Miermont, A.; Jing, Y.; Huang, X.; “Synthesis of Lewis Family Oligosaccharides and N3 Antigen by a Combination of Pre-activation and Reactivity Based Chemoselective One-Pot Glycosylations” 3rd Midwest Carbohydrate and Glycobiology Symposium, 2007, Columbus, OH. (Winner of Best Poster Award).


42. Huang, X.; “Development of Pre-activation Based One-pot Oligosaccharide Synthesis Methodology” 238th ACS National Meeting, 2009, Washington DC.*


44. Huang, X.; “Magnetic Glyco-Nanoparticles, a Unique Tool for In Vitro and In Vivo Detection” nanoKAP Symposium (nano Knowledge, Application and Production) 2009, Washington DC.*


51. Huang, X.; “Magnetic glyco-nanoparticles, a tool for in vitro and in vivo detection” International Workshop on Nanobiotechnology Applied to Cancer, the Brazilian Congress of Pediatric Oncology, 2010, Curitiba, Brazil.*


53. Huang, X.; “Virus-like Particles, a New Method to Boost the Immune Responses towards Tumor Associated Carbohydrate Antigens” 241st ACS National Meeting, 2011, Anaheim, CA.*

55. Huang, X.; “Development of Nanoparticles for Cancer Cell Imaging and Targeted Delivery” NCI Cancer Imaging Camp, 2011, St. Louis, MO.


72. Yin, Z.; Bentley, P.; Wang, Q.; Finn, M. G.; Huang, X. “Virus-like Particles as a Promising Platform for Cancer Vaccine” The 8th Annual Midwest Carbohydrate and Glycobiology Symposium, 2012, Detroit, MI.