

Invited speakers, CV

<b>NAME</b>		
Xuguo Zhou, Associate Professor		
<b>AFFILIATION</b>		
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<b>EDUCATION:</b>		
Beijing Agricultural College, Beijing, China	B.A.	09/1987-07/1991
China Agricultural University, Beijing, China	M.S.	09/1994-07/1997
University of Nebraska, Lincoln, NE, USA	Ph.D.	09/1997-12/2002
University of Nebraska, Lincoln, NE, USA	Postdoc	01/2003-12/2003
Purdue University, West Lafayette, IN, USA	Postdoc	01/2004-10/2004
University of Florida, Gainesville, FL, USA	Postdoc	11/2004-04 /2006
<b>Research interests:</b>		
Insect integrative genomics, with special interests in digestive genomics/behavioral genomics. RNA interference in agriculture, particularly, the ecological risk assessment of RNAi		
<b>Selected publications</b> ( <i>corresponding authors are underlined</i> ):		
<ol style="list-style-type: none"> <li>1. Tian L, Song T, He R, Zeng Y, Xie W, Wu Q, Wang S, <u>Zhou X</u>, <u>Zhang Y</u>. Genome-wide analysis of ATP-binding cassette (ABC) transporters in the sweetpotato whitefly, <i>Bemisia tabaci</i>[J]. <i>BMC genomics</i>, 2017, 18(1): 330.</li> <li>2. Chen G, Su Q, Shi X, Liu X, Peng Z, Zheng H, Xie W, Xu B, Wang S, Wu Q, <u>Zhou X</u>, <u>Zhang Y</u>. Odor, Not Performance, Dictates <i>Bemisia tabaci</i>'s Selection between Healthy and Virus Infected Plants[J]. <i>Frontiers in Physiology</i>, 2017, 8.</li> <li>3. Yuan G, Wan Y, Li X, He B, Zhang Y, Xu B, Wang S, Xie W, <u>Zhou X</u>, <u>Wu Q</u>. Development of Near-Isogenic Lines in a Parthenogenetically Reproduced Thrips Species, <i>Frankliniella occidentalis</i>[J]. <i>Frontiers in Physiology</i>, 2017, 8.</li> <li>4. Tian L, Preisser E L, Haynes K F, <u>Zhou X</u>. Social buffering in a eusocial invertebrate: termite soldiers reduce the lethal impact of competitor cues on workers[J]. <i>Ecology</i>, 2017, 98(4): 952-960.</li> <li>5. Liu H, Liu Q, <u>Zhou X</u>, <u>Huang Y</u>, <u>Zhang Z</u>. Genome Editing of Wnt-1, a Gene Associated with Segmentation, via CRISPR/Cas9 in the Pine Caterpillar Moth, <i>Dendrolimus punctatus</i>[J]. <i>Frontiers in physiology</i>, 2017, 7.</li> <li>6. Shi X, Gao Y, Yan S, Tang X, <u>Zhou X</u>, Zhang D, <u>Liu Y</u>. Aphid performance changes with plant defense mediated by Cucumber mosaic virus titer[J]. <i>Virology journal</i>, 2016, 13(1): 70.</li> <li>7. Yang C, Preisser E L, Zhang H, Liu Y, Dai L, <u>Pan H</u>, <u>Zhou X</u>. Selection of Reference Genes for RT-qPCR Analysis in <i>Coccinella septempunctata</i> to Assess Un-intended Effects of RNAi Transgenic Plants[J]. <i>Frontiers in Plant Science</i>, 2016, 7.</li> <li>8. Li X, Zhang F, Coates B, Zhang Y, <u>Zhou X</u>, <u>Cheng D</u>. Comparative profiling of microRNAs in the winged and wingless English grain aphid, <i>Sitobion avenae</i> (F.)(Homoptera: Aphididae)[J]. <i>Scientific reports</i>, 2016, 6.</li> <li>9. Sun Q, Haynes K F, <u>Zhou X</u>. Dynamic changes in death cues modulate risks and rewards of corpse management in a social insect[J]. <i>Functional Ecology</i>, 2016.</li> <li>10. Li Z, <u>Zhang Q</u>, <u>Zhou X</u>. A 2-Cys peroxiredoxin in response to oxidative stress in the pine wood nematode, <i>Bursaphelenchus xylophilus</i>[J]. <i>Scientific reports</i>, 2016, 6.</li> </ol>		