



**New Mexico State University-Howard Hughes Medical Institute
Science Education Program
Research Scholars Publications 2007-2017**

2007

Zamborsky, D.J., **T.R. Paskadi**, M.K., Nishiguchi, 2007. Population genetic structure of a sympatric squid-Vibrio symbiosis in the Mediterranean Sea using nested clade analysis. *The Society for Integrative and Comparative Biology*.

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2008

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Delgado, A., **S. Zaman**, A. Muthaiyan, V. Nagarajan, M. O. Elasri, B. J. Wilkinson, and J. E. Gustafson. 2008. The Fusidic acid Stimulon of Staphylococcus aureus. *Journal of Antimicrobial Chemotherapy* 62(6):1207-1214. <http://jac.oxfordjournals.org/content/62/6/1207.full.pdf+html>

Lamichhane-Khadk, R., J.T. Riordan, **A. Delgado**, A. Muthaiyan, **T.D. Reynolds**, B.J. Wilkinson, and J.E. Gustafson. 2008. Genetic changes that correlate with the pine-oil disinfectant-reduced susceptibility mechanism of Staphylococcus aureus. *Journal of Applied Microbiology*. Dec;105(6):1973-81. [PMID: 19120644]

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Ross, C. L., J. H. Benedix Jr., **C. Garcia**, K. Lambeth, R. Perry, V. Selwyn, and D.J. Howard. 2008. Scale-independent criteria and scale-dependent agents determining the structure of a ground cricket mosaic hybrid zone (*Allonemobius socius* – *Allonemobius fasciatus*). *Biological Journal of the Linnean Society* 94(2):777–796.

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2009

Lamichhane-Khadka, R., S.A. Cantore, J.T. Riordan, A. Delgado, **A.E. Norman**, S. Dueñas, S. Zaman, S. Horan, B.J. Wilkinson, and J.E. Gustafson. 2009. *sarA* inactivation reduces vancomycin-intermediate and ciprofloxacin resistance expression by *Staphylococcus aureus*. *International Journal of Antimicrobial Agents*. Aug;34(2):136-41. Epub 2009 Mar 25. [PMID: 19324528]
<http://www.ncbi.nlm.nih.gov/pubmed/19324528>

Lujan, P., S. Sanogo, and L. Liess. 2009. Mycelium pigmentation in relation to melanin-inhibiting compounds and pathogenicity of *Sclerotinia sclerotiorum* on Valencia peanut. *Phytopathology* 99:S77.
<http://apsjournals.apsnet.org/doi/pdf/10.1094/PHYTO.2009.99.6.S1>

O'Keefe, D. D., E. Gonzalez-Niño, M. Burnett, L. Dylla, **S. M. Lambeth**, E. Licon, C. Amesoli, B. A. Edgar, J. Curtiss. 2009. *Rap1* maintains adhesion between cells to affect *Egfr* signaling and planar cell polarity in *Drosophila*. *Developmental Biology* 333(1) Sept: 143–160.
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Cervantes, S.D., P. Tonne, R. Govindarajulu, P.A. Alexander, and C.D. Bailey. 2010. Population genetic analysis of Argemone pleiacantha *subsp.* pinnatisecta (*Sacramento prickly poppy*, *Papaveraceae*) and re-evaluation of its taxonomic status. *Journal of the Botanical Research Institute of Texas* 4: 263 – 271.
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Drake, L.L., D.Y. Boudko, O. Marinotti, **V.K. Carpenter**, A.L. Dawe, et al. 2010. The Aquaporin Gene Family of the Yellow Fever Mosquito, *Aedes aegypti*. *PLoS ONE* 5(12): e15578. [doi:10.1371/journal.pone.0015578]
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0015578>

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2011

Rodriguez, D., C. Ramesh, L. H. Henson, L. Wilmeth, B.K. Bryant, S. Kadavakollu, **R. Hirsch**, J. Montoya, P.R. Howell, J.M. George, D. Alexander, D.L. Johnson, J.B. Arterburn, C. B. Shuster. 2011. Synthesis and characterization of tritylthioethanamine derivatives with potent KSP inhibitory activity. *Bioorganic and Medical Chemistry*. Sep 15,19(18):5446-53.
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<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0044583>

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