

JRG recent publications:

1. Green, M., Allen, C., Bradley, J., Dashefsky, B., **Giltsdorf, J.R.**, Marcon, M.J., Schutze, G.E., Smith C., Walter, E., Martin, J.M., Barbadora, K.A., Rumbaugh, R.M., Wald, E.R., In Vitro Activity of Telithromycin in Macrolide Susceptible and Macrolide Resistant Pharyngeal Isolates of Group A Streptococci (GAS) in the USA Antimicrob Agents and Chemother, 49:2487-2489, 2005.
2. **Giltsdorf, J.R.**, Zilinskas, R.A. New Considerations in Infectious Diseases Outbreaks: The Threat of Genetically Modified Microbes. Clin Infect Dis 40:1160-1165, 2005.
3. Zhang, L., Foxman B., **Giltsdorf J.R.**, Marrs C.F. Bacterial Genomic DNA Isolation for Microarray Analysis using Sonication. BioTechniques 39:640-644. 2005.
4. Barbosa-Cesnik, C., Farjo, R.A., McCoy, S., Patel, M., Foxman, B., **Giltsdorf, JR.** Predictors for Haemophilus influenzae colonization, antibiotic resistance and for sharing in children attending 16 licensed day care centers in Michigan. Pediatr Infect Dis J. 25:219-223, 2006
5. Erwin, A.L., Bonthuis, P.J., Geelhood, J.L., Nelson, K.L., McCrea, K.W., **Giltsdorf, J.R.**, Smith, A.L. Heterogeneity in tandem octanucleotides within *Haemophilus influenzae* lipopolysaccharide biosynthesis gene *losA* affects serum resistance. Infect. Immun. 74:3408-3414, 2006.
6. Green, M.D., Beall, B., Marcon, M.J., Allen, C.H, Bradley, J.S., Dashefsky, B., **Giltsdorf, J.R.**, Schutze, G.E., Smith C., Walter, E.B., Martin, J.M., Edwards, K.M., Barbadora, K.A., Wald, E.R. Multicentre surveillance of the prevalence and molecular epidemiology of macrolide resistance among pharyngeal isolates of group A streptococci in the USA. J. Antimicrob Chemother 57:1240-3, 2006.
7. Xie, J, Juliao, P, **Giltsdorf, JR**, Ghosh,D, Patel, M, Marrs, CF. Identification of ten new genetic regions found more frequently in strains of nontypeable *H. influenzae* that cause otitis media. J Clin Microbiol 44:4316-25, 2006.
8. Juliao, P, Marrs, CF, Xie, J, McCrea, KW, **Giltsdorf JR.** Histidine auxotrophy in commensal and disease-causing nontypeable Haemophilus influenzae J Bacteriol. 189:4994-5001, 2007
9. Syed, SS, **Giltsdorf, JR.** Prevalence of *hicAB*, *lav*, *traA*, and *hifBC* among *Haemophilus influenzae* middle ear and throat strains. [FEMS Microbiology Letters](#) 274:180-183, 2007

10. Berrens, ZJ, Marrs, CF, Pettigrew, MM, Sandstedt, SA, Patel, M, **Giltsdorf, JR**. Genetic diversity of paired middle ear and pharyngeal non-typeable *Haemophilus influenzae* isolates from children with acute otitis media. *J. Clin Microbiol* 45:3764-3767, 2007.
11. Mukundan, D, Ecevit, I.Z., Patel, M., Marrs, C. R., **Giltsdorf, J.R.** Pharyngeal colonization dynamics of *Haemophilus influenzae* and *Haemophilus haemolyticus* in healthy adult carriers. *J. Clin Microbiol* 45:3207-3217, 2007
12. Xiang, Z; Todd, T; Ku, KP; Kovacic, BL; Larson, CB; Chen, F; Hodges, AP; Tian, Y; Olenzek, EA; Zhao, B; Colby, LA; Rush, HG; **Giltsdorf, JR**; Jourdan, GW; He, Y VIOLIN: Vaccine Investigation and Online Information Network. *Nucleic Acids Research* 36:D923-928, 2008.
13. McCrea, KW, Xie, J, LaCross, N, Patel, M, Mukundan, M, Murphy TF, Marrs, CF, **Giltsdorf, JR**. Relationships of non-typeable *Haemophilus influenzae* with hemolytic and non-hemolytic *Haemophilus haemolyticus*. *J Clin Microbiol* 46:406-416, 2008.
14. Erwin, AL, Sandstedt SA, Bonthius, PJ, Geelhood, JL, Nelson, KL, Unrath, WCT, Diggle, MA, Theodore, MJ, Pleatman, CR, Mothershed, EA, Sacchi, CT, Mayer, LW, **Giltsdorf, JR**, Smith, AL. Analysis of genetic relatedness of *Haemophilus influenzae* by multilocus sequence typing. *J Bacteriol* 190:1473-1483, 2008.
15. Sandstedt, SA, Zhang L, Patel, M, Marrs, CF, **Giltsdorf, JR**. Comparison of laboratory-based and phylogenetic methods to distinguish between *Haemophilus influenzae* and *H. haemolyticus*. *Journal of Microbiologic Methods* 75:369-371, 2008.
16. Foxman, F, Goldberg D, Murdock C, Xi C, **Giltsdorf JR**. Conceptualizing the Human Microbiome: From Multi-celled Organ to Ecological Community. *Interdisciplinary Perspectives on Infectious Diseases* 2008:613979, 2008.
17. LaCross, NC, Marrs, CF, Patel, M, Sandstedt, SA, **Giltsdorf, JR**. High Genetic Diversity of Nontypeable *Haemophilus influenzae* Among Two Children Attending a Daycare Center. *J Clin Micro* 46:3817-3821, 2008.
18. McCrea, KW, Wang, ML, Xie, J, Sandstedt, SA, Davis, G, Lee, JH, Marrs, CF, **Giltsdorf, J.R.** Prevalence of the *sodC* gene in nontypeable *Haemophilus influenzae* and *Haemophilus haemolyticus* by microarray-based hybridization. *J Clin Microbiol.* 48:714-9, 2010.