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Publications

Kaiser, S., K. Biehler, D. Jonas. Inferring Population Structure of *Stenotrophomonas maltophilia* from Multilocus Sequence Typing (submitted).

Erlandsson, M., H. Gill, D. Nordlinder, C. G. Giske, D. Jonas, L. E. Nilsson, S. Walther, and H. Hanberger. 2008. Antibiotic susceptibility patterns and clones of *Pseudomonas aeruginosa* in Swedish ICUs. *Scand.J.Infect.Dis.* 40:487-494.

Jonas, D., E. Meyer, F. Schwab, and H. Grundmann. 2008. Genodiversity of resistant *Pseudomonas aeruginosa* isolates in relation to antimicrobial usage density and resistance rates in intensive care units. *Infect.Control Hosp.Epidemiol.* 29:350-357.

Vonberg, R. P., I. F. Chaberny, A. Kola, F. Mattner, S. Borgmann, M. Dettenkofer, D. Jonas, A. M. Fahr, I. Klare, G. Werner, K. Weist, C. Wendt, and P. Gastmeier. 2007. [Prevention and control of the spread of vancomycin-resistant enterococci: results of a workshop held by the German Society for Hygiene and Microbiology]. *Anaesthesist* 56:151-157.

Schmidt-Hieber, M., I. W. Blau, S. Schwartz, L. Uharek, K. Weist, T. Eckmanns, D. Jonas, H. Ruden, E. Thiel, and C. Brandt. 2007. Intensified strategies to control vancomycin-resistant enterococci in immunocompromised patients. *Int.J.Hematol.* 86:158-162.

Pannek, S., P. G. Higgins, P. Steinke, D. Jonas, M. Akova, J. A. Bohnert, H. Seifert, and W. V. Kern. 2006. Multidrug efflux inhibition in *Acinetobacter baumannii*: comparison between 1-(1-naphthylmethyl)-piperazine and phenyl-arginine- β -naphthylamide. *J.Antimicrob.Chemother.* 57:970-974.

Schumacher, A., P. Steinke, J. A. Bohnert, M. Akova, D. Jonas, and W. V. Kern. 2006. Effect of 1-(1-naphthylmethyl)-piperazine, a novel putative efflux pump inhibitor, on antimicrobial drug susceptibility in clinical isolates of Enterobacteriaceae other than *Escherichia coli*. *J.Antimicrob.Chemother.* 57:344-348.

Meyer, E., F. Schwab, P. Gastmeier, H. Rueden, F. D. Daschner, and D. Jonas. 2006. *Stenotrophomonas maltophilia* and antibiotic use in German intensive care units: data from Project SARI (Surveillance of Antimicrobial Use and Antimicrobial Resistance in German Intensive Care Units). *J.Hosp.Infect.* 64:238-243.

Meyer, E., F. Schwab, P. Gastmeier, D. Jonas, H. Rueden, and F. D. Daschner. 2006. Methicillin-Resistant *Staphylococcus aureus* in German Intensive Care Units During 2000-2003: Data from Project SARI (Surveillance of Antimicrobial Use and Antimicrobial Resistance in Intensive Care Units). *Infect.Control Hosp.Epidemiol.* 27:146-154.

Jonas, D., K. Biehler, D. Hartung, B. Spitzmüller, and F. D. Daschner. 2005. Plasmid-mediated quinolone-resistance (qnr) in German ICUs. *Antimicrob Agents Chemother* 49:773-775.

Klare, I., C. Konstabel, S. Mueller-Bertling, G. Werner, B. Strommenger, C. Kettlitz, S. Borgmann, B. Schulte, D. Jonas, A. Serr, A. M. Fahr, U. Eigner, and W. Witte. 2005. Spread of ampicillin/vancomycin-resistant *Enterococcus faecium* of the epidemic-virulent clonal complex-17 carrying the genes *esp* and *hyl* in German hospitals. *Eur.J.Clin.Microbiol.Infect.Dis.* 24:815-825.

Barwolff, S., H. Grundmann, F. Schwab, A. Tami, M. Behnke, C. Geffers, E. Halle, U. Gobel, R. Schiller, D. Jonas, I. Klare, K. Weist, W. Witte, E. Dinger, K. Beilecke, H. Ruden, and P. Gastmeier. 2005. [Incidence of transmission of pathogens in intensive care units. Results of the SIR 3 study]. *Anaesthesist* 54:560-566.

Grundmann, H., S. Barwolff, A. Tami, M. Behnke, F. Schwab, C. Geffers, E. Halle, U. B. Gobel, R. Schiller, D. Jonas, I. Klare, K. Weist, W. Witte, K. Beck-Beilecke, M. Schumacher, H. Ruden, and P. Gastmeier. 2005. How many infections are caused by patient-to-patient transmission in intensive care units? *Crit Care Med.* 33:946-951.

Jonas, D., B. Spitzmüller, F. D. Daschner, J. Verhoef, and S. Brisse. 2004. Discrimination of *Klebsiella pneumoniae* and *Klebsiella oxytoca* phylogenetic groups and other *Klebsiella* species by use of amplified fragment length polymorphism. *Res Microbiol* 155:17-23.

Curran, B., D. Jonas, H. Grundmann, T. Pitt, and C. G. Dowson. 2004. Development of a Multilocus Sequence Typing Scheme for the Opportunistic Pathogen *Pseudomonas aeruginosa*. *J.Clin.Microbiol.* 42:5644-5649.

Congress Papers

Jonas, D., Buchwald, A., Biehler, K., Schneider, C., Schütt, S., Wendt, C.. CTX-M *Escherichia coli* with reduced susceptibility to imipenem. 59. Tagung der DGHM, Göttingen, 2007, Abstract

Jonas, D., Meyer, E., Schwab, F., Daschner, F.D. Differences in mutation rate between phylogenetic groups of *Escherichia coli*. 17th European Congress of Clinical Microbiology and Infectious Diseases, Munich, 2007, Abstract

Jonas, D., Wiese, N., Meyer, E., Schwab, F., Daschner, F., Witte, W. Distribution of MRSA genotypes in German intensive care units with increasing and decreasing MRSA rates. 58. Tagung der DGHM, Würzburg, 2006, Abstract

Jonas, D. Weiterführende Untersuchungen zur Aufklärung von epidemischen Zusammenhängen. Workshop Prävention und Kontrolle der Ausbreitung von Vancomycin-resistenten Enterokokken der Deutschen Gesellschaft für Hygiene und Mikrobiologie, Hannover, 2006

Jonas, D., Biehler, K., Serr, A., Kist, M., Fahr, A.-M., Friedrich, A.W., Dettenkofer, M., Hübner, J., Bertz, H., Daschner, F.D. A nosokomial outbreak of Vancomycin-resistant enterococci (VRE) related to the bacterial ecology outside the hospital. 57. Tagung der DGHM, Göttingen, 2005, Abstract

Curran, B., Jonas, D., Grundmann, H., Pitt, T., Dowson, C.G. Development of a *Pseudomonas aeruginosa* Multi Locus Sequence Typing scheme. 57. Tagung der DGHM, Göttingen, 2005, Abstract

Jonas, D., Biehler, K., Hartung, D., Spitzmüller, B., Daschner, F.D.: Sporadic and outbreak cases of plasmid-mediated quinolone-resistance in German ICUs. 15th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, 2005, Abstract

Jonas, D., Meyer, E., Schwab, F., Rüden, H., Daschner, F.: SARI: Distribution of Extended-Spectrum β -Lactamases in German ICUs. 56. Tagung der DGHM, Münster, 2004, Abstract

Jonas, D., Garcia, F., Hartung, D., Daschner, F.: Virulence factors of ciprofloxacin-resistant *Escherichia coli* in intensive care units. 14th European Congress of Clinical Microbiology and Infectious Diseases, Prag, 2004, Abstract

Jonas, D., Spitzmüller, B., Weist, K., Rüden, H., Daschner, F.D.: Comparison of PCR-based methods for typing *Escherichia coli*. 53. Tagung der DGHM, Aachen, 2001, Abstract