

Publikationen Infektiologie Freiburg (seit 2002, Stand 23.01.2012)

Begutachtete Originalarbeiten	Übersichten, Monographien, Buchbeiträge, Letters/short reports, Journal supplement- Arbeiten	Abstracts
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Begutachtete Originalarbeiten

Theilacker C, Kropec A, Hammer F, Sava I, Wobser D, Sakinc T, Codée JDC, Hogendorf WFJ, van der Marel GA Huebner J. Protection against *Staphylococcus aureus* by antibody to the polyglycerolphosphate backbone of heterologous lipoteichoic acid. J Infect Dis (in press)

Thoden J, Rieg SR, Venhoff N, Wennekes V, Schmitt-Graeff A, Wagner D, Kern WV. Fatal hemophagocytic syndrome in a patient with a previously well-controlled asymptomatic HIV infection after EBV reactivation. J Infect 64 (2012) 110-2.

2011

Hofmann SC, Saborowski V, Lange S, Kern WV, Bruckner-Tuderman L, Rieg S. Expression of innate defence antimicrobial peptides in hidradenitis suppurativa. J Am Acad Dermatol 2011 Oct 7. [Epub ahead of print]

Rigottier-Gois L, Alberti A, Houel A, Taly JF, Paly P, Manson J, Pinto D, Matos RC, Carrilero L, Montero N, Tariq M, Karsens H, Repp C, Kropec A, Budin-Verneuil A, Benachour A, Sauvageot N, Bizzini A, Gilmore MS, Bessières P, Kok J, Huebner J, Lopes F, Gonzalez-Zorn B, Hartke A, Serror P. Large-Scale screening of a targeted *Enterococcus faecalis* mutant library identifies envelope fitness factors. PLoS One 6 (2011) e29023.

Bychowska A, Theilacker C, Czerwicka M, Marszewska K, Huebner J, Holst O, Stepnowski P, Kaczyński Z. Chemical structure of wall teichoic acid isolated from *Enterococcus faecium* strain U0317. Carbohydr Res 346 (2011): 2816-9.

Balabanova Y, Gilsdorf A, Buda S, Burger R, Eckmanns T, Gärtner B, Groß U, Haas W, Hamouda O, Hübner J, Jänisch T, Kist M, Kramer MH, Ledig T, Mielke M, Pulz M, Stark K, Suttorp N, Ulbrich U, Wichmann O, Krause G. Communicable diseases prioritized for surveillance and epidemiological research: results of a standardized prioritization procedure in Germany, 2011. PLoS One 6 (2011) e25691.

Kropec A, Sava IG, Vonend C, Sakinc T, Grohmann E, Huebner J. Identification of SagA as a novel vaccine target for the prevention of *Enterococcus faecium* infections. Microbiology 157 (2011) 3429-34.

Hogendorf WF, Meeuwenoord N, Overkleef HS, Filippov DV, Laverde D, Kropec A, Huebner J, Van der Marel GA, Codée JD. Automated solid phase synthesis of teichoic acids. Chem Commun (Camb) 47 (2011) 8961-3.

Laverde Gomez JA, Hendrickx AP, Willems RJ, Top J, Sava I, Huebner J, Witte W, Werner G. Intra- and interspecies genomic transfer of the *Enterococcus faecalis* pathogenicity island. PLoS One 6 (2011) e16720.

Becker SL, Sieto B, Silué KD, Adjossan L, Koné S, Hatz C, Kern WV, N'Goran EK, Utzinger J. Diagnosis, clinical features, and self-reported morbidity of *Strongyloides stercoralis* and hookworm infection in a co-endemic setting. PLoS Negl Dis 5 (2011) e1292.

Anjum R, Grohmann E, Malik A. Molecular characterization of conjugative plasmids in pesticide tolerant and multi-resistant bacterial isolates from contaminated alluvial soil. Chemosphere 84 (2011) 175-81.

Steffens B, Kümmerle T, Koch S, Birtel A, Schwarze-Zander C, Emmelkamp J, Kern WV, Hertenstein C, Wyen C, Lehmann C, Cornely OA, Rockstroh J, Fätkenheuer G. Acceptance and tolerability of an adjuvanted nH1N1 vaccine in HIV-infected patients in the Cologne-Bonn cohort. Eur J Med Res 16 (2011) 289-94.

Bohnert J, Szymaniak-Vits M, Schuster S, Kern WV. Efflux inhibition by selective serotonin reuptake inhibitors in *Escherichia coli*. J Antimicrob Chemother 66 (2011) 2057-60.

Geyer M, Wilpert J, Wiech T, Theilacker C, Stubanus M, Kramer-Zucker A, Fischer KG, Drognitz O, Frydrychowicz A, Kern W, Walz G, Pisarski P. Rapidly progressive hepatic alveolar echinococcosis in an ABO-incompatible renal transplant recipient. Transpl Infect Dis 13 (2011) 278-84.

Rieg S, Schmoltdt S, Theilacker C, de With K, Wolfel S, Kern WV, Dobler G. Tick-borne lymphadenopathy (TIBOLA) acquired in Southwestern Germany. BMC Infectious Diseases 11(2011) 167.

Bohnert J, Szymaniak-Vits M, Schuster S, Kern WV. Determination of real-time efflux phenotypes in *Escherichia coli* AcrB binding pocket phenylalanine mutants using a 1,2'-dinaphthylamine efflux assay. PLoS One 6 (2011) e21196.

Brandstätter L, Sokolova L, Eicher T, Seeger MA, Briand C, Cha HJ, Cernescu M, Bohnert J, Kern WV, Brutschy B, Pos KM. Analysis of AcrB and AcrB/DARPin ligand complexes by LILBID MS. Biochim Biophys Acta 1808 (2011) 2189-96.

Kaasch AJ, Fowler VGJr, Rieg S, Peyerl-Hoffmann G, Birkholz H, Hellmich M, Kern WV, Seifert H. Use of a simple criteria set for guiding echocardiography in nosocomial *Staphylococcus aureus* bacteremia. Clin Infect Dis 53 (2011) 1-9.

Becker SL, Lohourignon LK, Speich B, Rinaldi L, Knopp S, N'Goran EK, Cringoli G, Utzinger J. Comparison of the FLOTAC-400 dual technique and the formalin-ether concentration technique for the diagnosis of human intestinal protozoa infection. J Clin Microbiol 49 (2011) 2183-90.

Rieg SR, Kaasch AJ, Wehrle J, Hofmann SC, Szymaniak-Vits M, Saborowski V, Jonas D, Kalbacher H, Seifert H, Kern WV. Susceptibility of clinical *Staphylococcus aureus* isolates to innate defense antimicrobial peptides. Microbes Infect 13 (2011) 761-5.

Ness T, Kern WV, Frank U, Reinhard T. Postoperative nosocomial endophthalmitis: is perioperative antibiotic prophylaxis advisable? A single centre's experience. J Hosp Infect 78 (2011) 138-42.

Theilacker C, Sava I, Sanchez-Carballo P, Bao Y, Kropec A, Grohmann E, Holst O, Huebner J. Deletion of the glycosyltransferase bgsB of *Enterococcus faecalis* leads to a complete loss of glycolipids from the cell membrane and to impaired biofilm formation. *BMC Microbiol* 11(2011) 67.

Theilacker C, Kaczyński Z, Kropec A, Sava I, Ye L, Bychowska A, Holst O, Huebner J. Serodiversity of opsonic antibodies against *Enterococcus faecalis* -glycans of the cell wall revisited. *PLoS One* 6 (2011) e17839.

Zarb P, Amadeo B, Muller A, Drapier N, Vankerckhoven V, Davey P, Goossens H, on behalf of the ESAC-3 hospital care subproject group. Identification of targets for quality improvement in antimicrobial prescribing: the web-based ESAC Point Prevalence Survey 2009. *J Antimicrob Chemother* 66 (2011) 443-9.

2010

Al-Ahmad A, Maier J, Follo M, Spitzmüller B, Wittmer A, Hellwig E, Hübner J, Jonas D. Food-borne enterococci integrate into oral biofilm: an in vivo study. *J Endod* 36 (2010) 1812-9.

Hanin A, Sava I, Bao Y, Huebner J, Hartke A, Auffray Y, Sauvageot N. Screening of in vivo activated genes in *Enterococcus faecalis* during insect and mouse infections and growth in urine. *PLoS One* 5 (2010) e11879.

Sava IG, Heikens E, Kropec AP, Theilacker C, Willems R, Huebner J. Enterococcal surface protein contributes to persistence in the host but is not a target of opsonic and protective antibodies in *Enterococcus faecium* infection. *J Med Microbiol* 59 (2010) 1001-4.

Hoffmeister B, Peyerl-Hoffmann G, Pischke S, Zollner-Schwetz I, Krause R, Mueller M, Graf A, Kluge S, Burchard GD, Kern WV, Suttrop N, Cramer JP. Differences in clinical manifestations of imported versus autochthonous leptospirosis in Austria and Germany. *Am J Trop Med Hyg* 83 (2010) 326-35.

Jha S, Danelishvili L, Wagner D, Maser J, Li Y, Moric I, Vogt S, Yamazaki Y, Lai B, Bermudez L. Virulence-related *Mycobacterium avium* MAV_2928 gene is associated with vacuole remodeling in macrophages. *BMC Microbiol* 10 (2010) 100.

Lange B, Vavra M, Kern WV, Wagner D. Indeterminate results of a tuberculosis-specific interferon- γ release assay in immunocompromised patients. *Eur Resp J* 35 (2010) 1179-82.

Gening ML, Maira-Litrán T, Kropec A, Skurnik D, Grout M, Tsvetkov YE, Nifantiev NE, Pier GB. Synthetic β -(1 \rightarrow 6)-linked N-acetylated and nonacetylated oligoglucosamines used to produce conjugate vaccines for bacterial pathogens. *Infect Immun* 78 (2010) 764-72.

Rieg SR, Bauer TM, Peyerl-Hoffmann G, Held J, Ritter W, Wagner D, Kern WV, Serr A. *Paenibacillus larvae* bacteremia in injection drug users. *Emerg Infect Dis* 16 (2010) 487-9.

Rieg SR, Meier B, Fähnrich E, Huth A, Wagner D, Kern WV, Kalbacher H. Differential activity of innate defense antimicrobial peptides against *Nocardia* species. *BMC Microbiol* 10 (2010) 61.

Li YJ, Danelishvili L, Wagner D, Petrofsky M, Bermudez LE. Identification of virulence determinants of *Mycobacterium avium* that impact on the ability to resist host killing mechanisms. *J Med Microbiol* 59 (2010) 8-16.

2009

Martins A, Iversenc C, Rodrigues L, Spengler G, Ramosa J, Kern WV, Couto I, Viveiros M, Fanning S, Pagès JM, Amaral L. AcrAB mediated MDR phenotype is maintained after efflux pump genes and their two regulators have restored wild type activities. *Int J Antimicrob Agents* 34 (2009) 602-4.

Rodrigues L, Sampaio D, Couto I, Machado D, Kern WV, Amaral L, Viveiros M. The role played by efflux pumps in macrolide resistance in *Mycobacterium avium* complex. *Int J Antimicrob Agents* 34 (2009) 529-33.

Rieg SR, Peyerl-Hoffmann G, de With K, Theilacker C, Wagner D, Hübner J, Dettenkofer M, Kaasch A, Seifert H, Schneider C, Kern WV. Mortality of *Staphylococcus aureus* bacteremia and infectious diseases specialist consultation – a study of 521 patients in Germany. *J Infect* 59 (2009) 232-9.

Theilacker C, Jonas D, Huebner J, Bertz H, Kern WV. Outcomes of invasive infection due to vancomycin-resistant *Enterococcus faecium* during a recent outbreak. *Infection* 37 (2009) 540-3.

Creti R, Fabretti F, Koch S, Huebner J, Garsin DA, Baldassari L, Montanaro L, Arciola CR. Surface protein EF3314 contributes to virulence properties of *Enterococcus faecalis*. *Int J Artif Organs* 32 (2009) 611-20.

Reuter S, Kern WV, Zenz C, Kern P. Prognostic factors for invasive aspergillosis in patients with haematological malignancies. *Scand J Infect Dis* 41 (2009) 483-90.

de With K, Bestehorn H, Steib-Bauert M, Kern WV. Comparison of defined versus recommended versus prescribed daily doses for measuring hospital antibiotic consumption. *Infection* 37 (2009) 349-52.

Sava IG, Zhang F, Toma I, Theilacker C, Li B, Baumert TF, Holst O, Linhardt RJ, Huebner J. Novel interactions of glycosaminoglycans and bacterial glycolipids mediate binding of enterococci to human cells. *J Biol Chem* 284 (2009) 18194-201.

Theilacker C, Sanchez-Carballo P, Toma I, Fabretti F, Sava I, Kropec A, Holst O, Huebner J. Glycolipids are involved in biofilm accumulation and prolonged bacteraemia in *Enterococcus faecalis*. *Mol Microbiol* 71 (2009) 1055-69.

Ammerlaan H, Seifert H, Harbarth S, Brun-Buisson C, Torres A, Antonelli M, Kluytmans J, Bonten M; European Practices of Infections with *Staphylococcus aureus* (SEPIA) Study Group. Adequacy of antimicrobial treatment and outcome of *Staphylococcus aureus* bacteremia in 9 Western European countries. *Clin Infect Dis* 49 (2009) 997-1005.

Coenen S, Muller A, Adriaenssens N, Vankerckhoven V, Hendrickx E, Goossens H; ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC). Outpatient parenteral antibiotic treatment in Europe. *J Antimicrob Chemother* 64 (2009) 200-5.

Rieg S, Huth A, Kalbacher H, Kern WV. Resistance against antimicrobial peptides is independent of *Escherichia coli* AcrAB, *Pseudomonas aeruginosa* MexAB and *Staphylococcus aureus* NorA efflux pumps. *Int J Antimicrob Agents* 33 (2009) 174-6.

Wehmeier C, Schuster S, Fähnrich E, Kern WV, Bohnert JA. Site-directed mutagenesis reveals amino acid residues in the *Escherichia coli* RND efflux pump AcrB that confer macrolide resistance. *Antimicrob Agents Chemother* 53 (2009) 329-30.

2008

van de Sande-Bruinsma N, Grundmann H, Verloo D, Tiemersma E, Monen J, Goossens H, Ferech M; European Antimicrobial Resistance Surveillance System Group; European Surveillance of Antimicrobial Consumption Project Group. Antimicrobial drug use and resistance in Europe. *Emerg Infect Dis* 14 (2008) 1722-30.

Wolkewitz M, Dettenkofer M, Bertz H, Schumacher M, Huebner J. Statistical epidemic modeling with hospital outbreak data. *Stat Med* 27 (2008) 6522-31.

Bohnert JA, Schuster S, Seeger MA, Fähnrich E, Pos KM, Kern WV. Site-directed mutagenesis reveals putative substrate binding residues in the *Escherichia coli* RND efflux pump AcrB. *J Bacteriol* 190 (2008) 8225-9.

Henneke P, Dramsi S, Mancuso G, Chraïbi K, Pellegrini E, Theilacker C, Hübner J, Santos-Sierra S, Teti G, Golenbock DT, Poyart C, Trieu-Cuot P. Lipoproteins are critical TLR2 activating toxins in group B streptococcal sepsis. *J Immunol* 180 (2008) 6149-58.

Arnold C, von Sanden S, Theilacker C, Blum HE. [Ulcerous colitis and infection with cytomegalovirus, herpes simplex virus and clostridium difficile] *Z Gastroenterol* 46 (2008) 780-783.

Kern WV, Steib-Bauert M, Amann S, Fellhauer M, de With K. Hospital antibiotic management in Germany – results of the ABS maturity survey of the ABS International group. *Wiener Klin Wochenschr* 120 (2008) 294-298.

Viveiros M, Martins A, Paixao L, Rodrigues L, Martins M, Couto I, Fähnrich E, Kern WV, Amaral L. Demonstration of intrinsic efflux activity of *Escherichia coli* K-12 AG100 by an automated ethidium bromide method. *Int J Antimicrob Agents* 31 (2008) 458-462.

Linder K, Zia M, Kern WV, Pfau RKM, Wagner D. Relapses vs. reactions in multibacillary leprosy: proposal of new relapse criteria. *Trop Med Intern Health* 13 (2008) 295-309.

Rodrigues L, Wagner D, Viveiros M, Sampaio D, Couto I, Vavra M, Kern WV, Amaral L. Thioridazine and chlorpromazine inhibition of ethidium bromide efflux in *Mycobacterium avium* and *Mycobacterium smegmatis*. *J Antimicrob Chemother* 61 (2008) 1076-1082.

Seifert H, Wisplinghoff H, Kaasch A, Achilles K, Langhorst A, Peyerl-Hoffmann G, Woehrman A, Fätkenheuer G, Salzberger B, Kern WV. [Epidemiology, course and prognosis of *Staphylococcus aureus* bacteremia--Preliminary results from the INSTINCT (INvasive STaphylococcus aureus INfection CohorT) cohort]. *Dtsch Med Wochenschr* 133 (2008) 340-345.

Arciola CR, Baldassarri L, Campoccia D, Creti R, Pirini V, Huebner J, Montanaro L. Strong biofilm production, antibiotic multi-resistance and high gelE expression in epidemic clones of *Enterococcus faecalis* from orthopaedic implant infections. *Biomaterials* 29 (2008) 580-586.

2007

Arciola CR, Campoccia D, Baldassarri L, Pirini V, Huebner J, Montanaro L. The role of *Enterococcus faecalis* in orthopaedic peri-implant infections demonstrated by automated ribotyping and cluster analysis. *Biomaterials* 28 (2007) 3987-3995.

Schumacher A, Trittler R, Bohnert JA, Kümmerer K, Pagès JM, Kern WV. Intracellular accumulation of linezolid in *Escherichia coli*, *Citrobacter freundii* and *Enterobacter aerogenes*: role of enhanced efflux pump activity and inactivation. *J Antimicrob Chemother* 59 (2007) 1261-1264.

Bohnert JA, Schuster S, Fähnrich E, Trittler R, Kern WV. Altered spectrum of multidrug resistance associated with a single point mutation in the *Escherichia coli* RND type MDR efflux pump YhiV (MdtF). *J Antimicrob Chemother* 59 (2007) 1216-1222.

Gabelmann A, Klein S, Kern WV, Krüger S, Brambs HJ, Rieber-Brambs A, Pauls S. Relevant imaging findings of cerebral aspergillosis on MRI: a retrospective case-based study in immunocompromised patients. *Eur J Neurol* 14 (2007) 548-555.

Wichmann O, Gascon J, Schunk M, Puente S, Siikamaki H, Gjørup I, Lopez-Velez R, Clerinx J, Peyerl-Hoffmann G, Sundøy A, Genton B, Kern P, Calleri G, de Górgolas M, Mühlberger N, Jelinek T; European Network on Surveillance of Imported Infectious Diseases. Severe dengue virus infection in travelers: risk factors and laboratory indicators. *J Infect Dis* 195 (2007) 1089-1096.

Coenen S, Ferech M, Haaijer-Ruskamp FM, Butler CC, Vander Stichele RH, Verheij TJ, Monnet DL, Little P, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): quality indicators for outpatient antibiotic use in Europe. *Qual Saf Health Care* 16 (2007) 440-445.

Muller A, Coenen S, Monnet DL, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): outpatient antibiotic use in Europe, 1998-2005. *Euro Surveill* 12 (2007) E071011.1

Goossens H, Ferech M, Coenen S, Stephens P, ESAC Project Group. Comparison of outpatient systemic antibacterial use in 2004 in the United States and 27 European countries. *Clin Infect Dis* 44 (2007) 1091-5. Erratum in: *Clin Infect Dis* 44 (2007) 1259.

2006

Theilacker C, Kacynski Z, Kropec A, Fabretti F, Sange T, Holst O, Huebner J. Oposonic antibodies to *Enterococcus faecalis* strain 12030 are directed against lipoteichoic acid. *Infect Immun* 74 (2006) 5703-5712.

Kern WV, de With K, Nink K, Steib-Bauert M, Schröder H. Regional variation in outpatient antibiotic prescribing in Germany. *Infection* 34 (2006) 269-273.

de With K, Steib-Bauert M, Straach P, Kern WV. Is there significant regional variation in hospital antibiotic consumption in Germany? *Infection* 34 (2006) 274-277.

Ferech M, Coenen S, Malhotra-Kumar S, Dvorakova K, Hendrickx E, Suetens C, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): outpatient quinolone use in Europe. *J Antimicrob Chemother* 58 (2006) 423-427.

Coenen S, Ferech M, Malhotra-Kumar S, Hendrickx E, Suetens C, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): outpatient macrolide, lincosamide and streptogramin (MLS) use in Europe. *J Antimicrob Chemother* 58 (2006) 418-422.

Coenen S, Ferech M, Dvorakova K, Hendrickx E, Suetens C, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): outpatient cephalosporin use in Europe. *J Antimicrob Chemother* 58 (2006) 413-417.

Ferech M, Coenen S, Dvorakova K, Hendrickx E, Suetens C, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): outpatient penicillin use in Europe. *J Antimicrob Chemother* 58 (2006) 408-412.

Ferech M, Coenen S, Malhotra-Kumar S, Dvorakova K, Hendrickx E, Suetens C, Goossens H, ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): outpatient antibiotic use in Europe. *J Antimicrob Chemother* 58 (2006) 401-407.

Meyer-Koenig U, Romberg I, Schneider K, Weidmann M, Kern WV, Hufert FT. Diagnostic value of cytomegalovirus pp67 RT-PCR in solid organ transplant recipients. *J Clin Microbiol* 44 (2006) 3394-3396.

de With K, Meyer E, Steib-Bauert M, Schwab F, Daschner FD, Kern WV. Antibiotic use in two cohorts of German intensive care units, 2001-2002. *J Hosp Infect* 64 (2006) 231-7.

von Baum H, Sigge A, Bommer M, Kern WV, Marre R, Doehner H, Kern P, Reuter S. Moxifloxacin prophylaxis in neutropenic patients. *J Antimicrob Chemother* 58 (2006) 891-894.

Hsu CT, Ganong AL, Reinap B, Mourelatos Z, Huebner J, Wang J. Immunochemical characterization of polysaccharide antigens from six clinical strains of enterococci. *BMC Microbiol* 6 (2006) 62.

Creti R, Koch S, Fabretti F, Baldassarri L, Huebner J. Enterococcal colonization of the gastro-intestinal tract: role of biofilm and environmental oligosaccharides. *BMC Microbiol* 6 (2006) 60.

Fabretti F, Theilacker C, Baldassarri L, Kaczynski Z, Kropec A, Holst O, Huebner J. Alanine esters of enterococcal lipoteichoic acid play a role in biofilm formation and resistance to antimicrobial peptides. *Infect Immun* 74 (2006) 4164-4171.

Fang X, Zeisel MB, Wilpert J, Gissler B, Thimme R, Kreutz C, Maiwald T, Timmer J, Kern WV, Donauer J, Geyer M, Walz G, Depla E, von Weizsäcker F, Blum HE, Baumert TF. Host cell responses induced by hepatitis C virus binding. *Hepatology* 43 (2006) 1326-1336.

Huck B, Egger M, Bertz H, Peyerl-Hoffmann G, Kern WV, Neumann-Haefelin D, Falcone V. Human metapneumovirus (HMPV) infection in a hematopoietic stem cell transplant recipient with relapsed multiple myeloma and rapidly progressing lung cancer. *J Clin Microbiol* 44 (2006) 2300-2303.

de With K, Maier L, Steib-Bauert M, Kern P, Kern WV. Trends in antibiotic use at a university hospital: defined or prescribed daily doses, patient days or admissions as denominator? *Infection* 34 (2006) 91-94.

Wagner D, Maser J, Moric I, Vogt S, Kern WV, Bermudez LE. Elemental analysis of the *Mycobacterium avium*-containing phagosomes in macrophages from Balb/c mice. *Biochem Biophys Res Comm* 344 (2006) 1346-1351.

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

Hufnagel M, Carey VJ, Baldassarri L, Reinert RR, Huebner J. Distribution of four capsular serotypes of *Enterococcus faecalis* among clinical isolates from different geographical origins and infection sites. *Infection* 34 (2006) 1-4.

Kern WV, Steinke P, Schumacher A, Schuster S, von Baum H, Bohnert JA. Effect of 1-(1-naphthylmethyl)-piperazine, a novel putative efflux pump inhibitor, on antimicrobial drug susceptibility in clinical isolates of *Escherichia coli*. *J Antimicrob Chemother* 57 (2006) 339-343.

Schuhmacher A, Steinke P, Bohnert JA, Akova M, Jonas D, Steib-Bauert M, de With K, Reuter S, Bertz H, Frank U, Kern WV. Effect of 1-(1-naphthylmethyl)-piperazine, a novel putative efflux pump inhibitor on antimicrobial drug susceptibility in clinical isolates of Enterobacteriaceae other than *E. coli*. *J Antimicrob Chemother* 57 (2006) 344-348.

Jansen JP, Kern WV, Cornely OA, Karthaus M, Ruhnke M, Ullmann AJ, Resch A. Economic evaluation of voriconazole versus conventional amphotericin B in the treatment of invasive aspergillosis in Germany. *Value Health* 9 (2006) 12-23.

Viscoli C, Cometta A, Kern WV, Bock R, Paesmans M, Crokaert F, Glauser MP, Calandra T; International Antimicrobial Therapy Group of the EORTC. Piperacillin-tazobactam monotherapy in high-risk febrile and neutropenic cancer patients. *Clin Microbiol Infect* 12 (2006) 212-216.

2005

Kern WV, Steib-Bauert M, de With K, Reuter S, Bertz H, Frank U, von Baum H. Fluoroquinolone consumption and resistance in haematology-oncology patients – ecological analysis in two university hospitals 1999-2002. *J Antimicrob Chemother* 55 (2005) 57-60.

Wagner D, Maser J, Lai B, Cai Z, Barry CE, Höner zu Bentrup K, Russell DG, Bermudez LE. Elemental analysis of *Mycobacterium avium*, *Mycobacterium tuberculosis* and *Mycobacterium smegmatis* – containing phagosomes indicates pathogen-induced microenvironments within the host cell's endosomal system. *J Immunol* 174 (2005) 1491-1500.

Bohnert J, Kern WV. Selected arylpiperazines are capable of reversing multidrug resistance in *Escherichia coli* overexpressing RND efflux pumps. *Antimicrob Agents Chemother* 49 (2005) 849-852.

Goossens H, Ferech M, Vander Stichele RH, Elseviers M, and the ESAC Project Group. Outpatient antibiotic use in Europe and association with resistance: a cross-national database study. *Lancet* 365 (2005) 579-587.

Kern WV, Klose K, Jellen-Ritter AS, Oethinger M, Bohnert J, Kern P, Reuter S, von Baum H, Marre R. Fluoroquinolone resistance of *Escherichia coli* at a cancer center: epidemiologic evolution and effects of discontinuing prophylactic fluoroquinolone use in neutropenic patients with leukemia. *Eur J Clin Microbiol Infect Dis* 24 (2005) 111-118.

de With K, Steib-Bauert M, Knoth H, Dörje F, Strehl E, Rothe U, Maier L, Kern WV. Hospital use of systemic antifungal drugs. *BMC Clin Pharmacol* 5 (2005) 1.

Reuter S, Kern WV, Sigge A, Döhner H, Marre R, Kern P, von Baum H. Impact of fluoroquinolone prophylaxis on reduced infection-related mortality in neutropenic patients with hematologic malignancies. *Clin Infect Dis* 40 (2005) 1087-1093.

Wagner D, Sangari FJ, Parker A, Bermudez LE. *fecB*, a gene potentially involved in iron transport in *Mycobacterium avium*, is not induced within macrophages. *FEMS Microbiol Letters* 247 (2005) 185-191.

Weitzel T, Muhlberger N, Jelinek T, Schunk M, Ehrhardt S, Bogdan C, Arasteh K, Schneider T, Kern WV, Fatkenheuer G, Boecken G, Zoller T, Probst M, Peters M, Weinke T, Gfrorer S, Klinker H, Holthoff-Stich ML; SIMPID Network. Imported leishmaniasis in Germany 2001-2004: data of the SIMPID surveillance network. *Eur J Clin Microbiol Infect Dis* 24 (2005) 471-476.

Maira-Litran T, Kropec A, Goldmann DA, Pier GB. Comparative opsonic and protective activities of *Staphylococcus aureus* conjugate vaccines containing native or deacetylated staphylococcal poly-N-acetyl-beta-(1-6)-glucosamine. *Infect Immun* 73 (2005) 6752-6762.

Kropec A, Maira-Litran T, Jefferson KK, Grout M, Cramton SE, Gotz F, Goldmann DA, Pier GB. Poly-N-acetylglucosamine production in *Staphylococcus aureus* is essential for virulence in murine models of systemic infection. *Infect Immun* 73 (2005) 6868-6876.

Hufnagel M, Kropec A, Theilacker C, Huebner J. Naturally acquired antibodies against four *Enterococcus faecalis* capsular polysaccharides in healthy human sera. *Clin Diagn Lab Immunol* 12 (2005) 930-934.

Baldassarri L, Bertuccini L, Creti R, Filippini P, Ammendolia MG, Koch S, Huebner J, Orefici G. Glycosaminoglycans mediate invasion and survival of *Enterococcus faecalis* into macrophages. *J Infect Dis* 191 (2005) 1253-1262.

Wagner D, Sander A, Bertz H, Finke J, Kern WV. Breakthrough invasive infection due to *Debaryomyces hansenii* (teleomorph *Candida famata*) and *Scopulariopsis brevicaulis* in a stem cell transplant patient receiving liposomal amphotericin B and caspofungin for suspected aspergillosis. *Infection* 33 (2005) 397-400.

Kern WV, de With K, Steib-Bauert M, Fellhauer M, Plangger A, Probst W, and the MABUSE-INTERREGIO-II project team. Antibiotic use in non-university regional acute care general hospitals in southwestern Germany, 2001-2002. *Infection* 33 (2005) 333-339.

Engel A, Knoll SA, Kern P, Kern WV. Interleukin-8 serum levels at fever onset in patients with neutropenia predict early medical complications. *Infection* 33 (2005) 380-382.

Hufnagel M, Huebner J. Analysis of the specific immune response against capsular polysaccharides of two patients with systemic enterococcal infections. *Infection* 33 (2005) 373-376.

Kropec A, Hufnagel M, Zimmermann K, Huebner J. in vitro assessment of the host response against *Enterococcus faecalis* used in probiotic preparations. *Infection* 33 (2005) 377-379.

Gascon J, Mayor A, Muhlberger N, Peyerl-Hoffmann G, Oliveira I, Dobano C, Jelinek T, Corachan M. [Molecular epidemiological surveillance of markers for antimalarial drugs in *Plasmodium falciparum* isolates imported to Barcelona, Spain] *Med Clin (Barc)* 125 (2005) 286-289.

2004

Buchheidt D, Hummel M, Schleiermacher D, Spiess B, Schwerdtfeger R, Cornely OA, Wilhelm S, Reuter S, Kern WV, Südhoff T, Mörz H, Hehlmann R. Prospective clinical evaluation of a LightCycler-mediated polymerase chain reaction assay, a nested-PCR assay and a galactomannan enzyme-linked immunosorbent assay for detection of invasive aspergillosis in neutropenic cancer patients and haematological stem cell transplant recipients. *Br J Haematol* 125 (2004) 196-202.

de With K, Bergner J, Bühner R, Dörje F, Gonnermann C, Haber M, Hartmann M, Rothe U, Strehl E, Steib-Bauert M, Kern WV. Antibiotikaaanwendung an deutschen Hochschulkliniken (Projekt INTERUNI-II). Ergebnisse für medizinische Kliniken unter Berücksichtigung von Intensivpflegestationen, onkologischen Stationen und sonstigen Pflegebereichen. *Med Klin* 99 (2004) 347-354.

de With K, Bergner J, Bühner R, Dörje F, Gonnermann C, Haber M, Hartmann M, Rothe U, Strehl E, Steib-Bauert M, Kern WV. Antibiotic use in German university hospitals 1998-2000 (project INTERUNI-II). *Int J Antimicrob Agents* 24 (2004) 213-8.

Harder J, Riecken B, Walter E, Ihling K, Bauer TM. Hepatitis C virus infection in intravenous drug users. *Clin Microbiol Infect* (2004) 768-770.

McGarvey JA, Wagner D, Bermudez LE. Differential gene expression in mononuclear phagocytes infected with pathogenic and non-pathogenic mycobacteria. *Clin Exp Immunol* 136 (2004) 490-500.

Kern WV, de With K, Gonnermann C, Strehl E, and the MABUSE-INTERUNI-II project team. Update on glycopeptide use in German university hospitals. *Infection* 32 (2004) 157-162.

Wagner D, de With K, Huzly D, Hufert F, Weidmann M, Breisinger S, Eppinger S, Kern WV, Bauer TM. Nosocomial acquisition of Dengue. *Emerg Infect Dis* 10 (2004) 1872-1873.

Kern WV, de With K. Antibiotikaaanwendung auf chirurgischen und internistischen Intensivstationen von Universitätskliniken – Ergebnisse des Projekts INTERUNI-II. *Krankenhaushygiene + Infektionsverhütung* 26 (2004) 215-217.

vander Stichele RH, Elseviers M, Ferech M, Blot S, Goossens H, and the ESAC Project Group. European Surveillance of Antimicrobial Consumption (ESAC): data collection performance and methodological approach. *Br J Clin Pharmacol* 58 (2004) 1-10.

de With K, Steib-Bauert M, Bergner J, Bühner R, Dörje F, Gonnermann C, Haber M, Hartmann M, Rothe U, Strehl E, Daschner FD, Kern WV. Antibiotikaaanwendung an chirurgischen Universitätskliniken (Projekt INTERUNI-II). *Krankenhauspharmazie* 25 (2004) 478-483.

Wichmann O, Muehlberger N, Jelinek T, Alifrangis M, Peyerl-Hoffmann G, Muhlen M, Grobusch MP, Gascon J, Matteelli A, Laferl H, Bisoffi Z, Ehrhardt S, Cuadros J, Hatz C, Gjorup I, McWhinney P, Beran J, da Cunha S, Schulze M, Kollaritsch H, Kern P, Fry G, Richter J; European Network on Surveillance of Imported Infectious Diseases. Screening for mutations related to atovaquone/proguanil resistance in treatment failures and other imported isolates of *Plasmodium falciparum* in Europe. *J Infect Dis* 190 (2004) 1541-1546.

2003

Cometta A, Kern WV, De Bock R, Paesmans B, Vandenberg M, Marchetti O, Akan H, Vandercam B, Skoutelis A, Akova M, Korten V, Crokaert F, Engelhard D, Gaya H, Padmos A, Calandra T, Klasresky J, Zinner S, Glauser M, Viscoli C, for the EORTC International Antimicrobial Therapy Group: Vancomycin versus placebo for persistent fever in neutropenic cancer patients given piperacillin/tazobactam monotherapy: an EORTC-IATG multicenter, double blind, placebo-controlled trial. *Clin Infect Dis* (2003) 328-389.

Wellinghausen N, Kern WV, Haase G, Rozdzinski E, Kern P, Marre R, Essig A, Hetzel J, Hetzel M. A farmer with recurrent fever and bilateral pulmonary infiltrates. *Int J Med Microbiol* 293 (2003) 441-445.

2002

Bauer TM, Fernandez J, Navasa M, Vila J, Rodes J. Failure of *Lactobacillus spp.* to prevent bacterial translocation in a rat model of experimental cirrhosis. *J Hepatol* 36 (2002) 501-506.

Bauer TM, Follo A, Navasa M, Vila J, Planas R, Clemente G, Vargas V, Bory F, Vaquer P, Rodes J. Daily norfloxacin is more effective than weekly rifloxacin in prevention of spontaneous bacterial peritonitis recurrence. *Dig Dis Sci* 47 (2002) 1356-1361.

Bauer TM, Schwacha H, Steinbruckner B, Brinkmann FE, Ditzgen AK, Aponte JJ, Pelz K, Berger D, Kist M, Blum HE. Small intestinal bacterial overgrowth in human cirrhosis is associated with systemic endotoxemia. *Am J Gastroenterol* 97 (2002) 2364-2370.

Broxmeyer L, Sosnowska D, Miltner E, Chacon O, Wagner D, McGarvey J, Barletta RG, Bermudez LE. Killing of *Mycobacterium avium* and *Mycobacterium tuberculosis* by a mycobacteriophage delivered by a nonvirulent mycobacterium: a model for phage therapy of intracellular bacterial pathogens. *J Infect Dis* 186 (2002) 1155-1160.

Herbrecht R, Denning DW, Patterson TF, Bennett JE, Greene RE, Oestmann JW, Kern WV, Marr KA, Ribaud P, Lortholary O, Sylvester R, Rubin RH, Wingard JR, Stark P, Durand C, Caillot D, Thiel E, Chandrasekar PH, Hodges MR, Schlamm HT, Troke PF, De Pauw B. Randomized comparison of voriconazole and amphotericin B in primary therapy of invasive aspergillosis. *N Engl J Med* 347 (2002) 408-415.

Kern WV, de With K, Trautmann M, Kern P, Gonnermann C. Glycopeptide use at four university hospitals in southern Germany. *Infection* 30 (2002) 262-266.

Wagner D, Sangari FJ, Kim S, Petrofsky M, Bermudez LE. *Mycobacterium avium* infection of macrophages results in progressive suppression of interleukin-12 production in vitro and in vivo. *J Leukoc Biol* 71 (2002) 80-88.

Wellinghausen N, Pietzcker T, Kern WV, Essig A, Marre R. Expanded spectrum of *Nocardia* species causing clinical nocardiosis detected by molecular methods. *Int J Med Microbiol* 292 (2002) 277-282.

Wellinghausen N, Sing A, Kern WV, Perner S, Marre R, Rentschler J. A fatal case of necrotizing sinusitis due to toxigenic *Corynebacterium ulcerans*. *Int J Med Microbiol* 292 (2002) 59-63.

Übersichten, Monographien, Buchbeiträge, Letters/short reports, Journal supplement-Arbeiten



2011

Sieg SR, Kern WV. Die nosokomiale *Staphylococcus aureus*-Bakteriämie. *Krankenhaushygiene up2date* 6 (2010) 261-72.

Kern WV. Na? Sind Sie geimpft? (Editorial) *Krankenhaushygiene up2date* 6 (2011) 253.

Plicht B, Kaasch A, Kern WV. [Infective endocarditis]. *Dtsch Med Wochenschr* 136 (2011) 2470-2473.

Pletz MW, Zanger P, Jilg W, Kern WV. [Vaccinations]. *Dtsch Med Wochenschr*. 2011 Oct;136(40):2011-2015

Kern WV, Nink K. Antibiotikaverbrauch im ambulanten Bereich. In: BVL, PEG, if (Hrsg.) GERMAP2010 Antibiotika-Resistenz und -Verbrauch. *Antiinfectives Intelligence*, Rheinbach 2011, pp. 11-16.

de With K, Kern WV, Meyer E. Antibiotikaverbrauch im Krankenhaus. In: BVL, PEG, if (Hrsg.) GERMAP2010 Antibiotika-Resistenz und -Verbrauch. *Antiinfectives Intelligence*, Rheinbach 2011, pp. 17-21.

Kern WV, Fellhauer M. Antimykotikaverbrauch. In: BVL, PEG, if (Hrsg.) GERMAP2010 Antibiotika-Resistenz und -Verbrauch. *Antiinfectives Intelligence*, Rheinbach 2011, pp. 22-24.

de With K, Schneidereit M. Antibiotikaverbrauchsdaten – Methodik und Quellen. In: BVL, PEG, if (Hrsg.) GERMAP2010 Antibiotika-Resistenz und -Verbrauch. *Antiinfectives Intelligence*, Rheinbach 2011, pp. 137-140.

Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) *Arzneiverordnungsreport 2011 - Aktuelle Daten, Kosten, Trends und Kommentare*. Springer Verlag, Berlin Heidelberg New York 2011, pp. 311-338.

Read RC, Cornaglia G, Kahlmeter G; European Society of Clinical Microbiology and Infectious Diseases Professional Affairs Workshop group. Professional challenges and opportunities in clinical microbiology and infectious diseases in Europe. *Lancet Infect Dis* 11 (2011) 408-415.

Borde JP, Offensberger WB, de With K. [Diagnosis and treatment of *Pneumocystis jirovecii* pneumonia.] *Dtsch Med Wochenschr* 136 (2011) 1426-1430.

Dobler G, Rieg S. [Tick-borne infections.] *Dtsch Med Wochenschr* 136 (2011) 1175-1179.

Theilacker C, Brunkhorst F, Kern WV. OPSI-Syndrom – Sepsis bei anatomischer oder funktioneller Apslenie. *Intensiv-News* 2011: 14-16.

Kaasch AJ, Rieg S, Neumann S, Seifert H, Kern WV. Measuring mortality in *Staphylococcus aureus* bloodstream infections: are 3 months of follow-up enough? *Infection* 39 (2011) 281-282.

Wagner D, Lange B, Hoffmann H, Kern WV. Tuberkulose und nicht-tuberkulöse Mykobakterien. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten. 31. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2011.

Wagner D, Kern WV. [Tuberculosis and nontuberculous mycobacterial infections.] Dtsch Med Wochenschr 136 (2011) 691-694.

Kern WV. [Bacteraemia and sepsis]. Dtsch Med Wochenschr 136 (2011) 182-185.

Dettenkofer M, Ammon A, Astagneau P, Dancer SJ, Gastmeier P, Harbarth S, Humphreys H, Kern WV, Lyytikäinen O, Sax H, Voss A, Widmer AF. Infection control - a European research perspective for the next decade. J Hosp Infect 77 (2011) 7-10.

2010

Geyer M, Wilpert J, Wiech T, Theilacker C, Stubanus M, Kramer-Zucker A, Fischer KG, Drognitz O, Frydrychowicz A, Kern WV, Walz G, Pisarski P. Rapidly progressive hepatic alveolar echinococcosis in an ABO-incompatible renal transplant recipient. Transpl Infect Dis. 2010 Oct 26 [Epub ahead of print].

Diel R, Goletti D, Ferrara G, Bothamley G, Cirillo D, Kampmann B, Lange C, Losi M, Markova R, Migliori GB, Nienhaus A, Ruhwald M, Wagner D, Zellweger JP, Huitric E, Sandgren A, Manissero D. Interferon- γ release assays for the diagnosis of latent *M. tuberculosis* infection: a systematic review and meta-analysis. Eur Resp J 36 (2010) October 28 [Epub ahead of print]

Wüppenhorst N, Lee MK, Rappold E, Kayser G, Beckervordersandforth J, de With K, Serr A. Rhino-orbitocerebral zygomycosis caused by *Conidiobolus incongruus* in an immunocompromised patient in Germany. J Clin Microbiol 48 (2010) 4322-4325.

Dietrich ES, Strehl E, de With K, Kämmerer W, Wilke M. Pharmakoökonomie. In: Bodmann KF, Grabein B, Expertenkommission der PEG für Chemotherapie e.V. . Empfehlungen zur kalkulierten parenteralen Initialtherapie bakterieller Erkrankungen bei Erwachsenen, 15. Kapitel. Chemother J 19 (2010) 248-251.

Kern WV. Antibiotikaverordnung – wer, wo, was, wie? [Editorial] Dtsch Med Wochenschr 135 (2010) 1791.

Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) Arzneiverordnungsreport 2010 - Aktuelle Daten, Kosten, Trends und Kommentare. Springer Verlag, Berlin Heidelberg New York 2010, pp. 283-308.

de With K. Therapie von Intensivpatienten, kritisch Kranken und multimorbiden Patienten. In: Högger P, Strehl E (Hrsg.) Repetitorium Klinische Pharmazie - Arbeitsbuch für Prüfung und Praxis, 2. überarbeitete Aufl. GOVI Verlag Pharmazeutischer Verlag 2010

Sotgiu G, Centis R, D'ambrosio L, De Lorenzo S, D'arcy Richardson M, Lange C, Manissero D, Migliori GB; TBNET MDR-TB project. Development of a standardised tool to survey MDR-/XDR-TB case management in Europe. Eur Respir J 36 (2010) 208-11.

Kern WV. Was gibt es Neues in den neuen Leitlinien zur *Clostridium difficile*-Infektion? Krankenhaushygiene up2date 5 (2010) 213-220.

Kern WV. Management of *Staphylococcus aureus* bacteremia and endocarditis: progresses and challenges. Curr Opin Infect Dis 23 (2010) 346-358.

Kern WV. Warum nur MRSA? (Editorial) Krankenhaushygiene up2date 5 (2010) 1-2.

Brunkhorst FM, Gastmeier P, Kern WV, Krüger W, Mayer K, Weimann A, Welte T, Putensen C, Werdan K, Reinhart K. Prävention und Nachsorge der Sepsis – 1. Revision der S-2k Leitlinien der Deutschen Sepsis-Gesellschaft e.V. (DSG) und der Deutschen Interdisziplinären Vereinigung für Intensiv- und Notfallmedizin (DIVI). Internist 51 (2010) 925-932.

Reinhart K, Brunkhorst FM, Bone HG, Bardutzky J, Dempfle CE, Forst H, Gastmeier P, Gerlach H, Gründling M, John S, Kern WV, Kreyman G, Krüger W, Kujath P, Marggraf G, Martin J, Mayer K, Meier-Hellmann A, Oppert M, Putensen C, Quintel M, Ragaller M, Rossaint R, Seifert H, Spies C, Stüber F, Weiler N, Weimann A, Werdan K, Welte T. Prävention, Diagnose, Therapie und Nachsorge der Sepsis – 1. Revision der S-2k Leitlinien der Deutschen Sepsis-Gesellschaft e.V. (DSG) und der Deutschen Interdisziplinären Vereinigung für Intensiv- und Notfallmedizin (DIVI). GMS Ger Med Sci 8 (2010) doc14, auch publiziert in: Reinhart K, Brunkhorst FM (Hrsg.) Thieme Verlag, Stuttgart New York 2010, pp. 1-84.

Sava IG, Heikens E, Huebner J. Pathogenesis and immunity in enterococcal infections. Clin Microbiol Infect 16 (2010) 533-540.

Kern WV. Risiko und Spektrum opportunistischer Infektionen und deren Prävention unter Immuntherapie. In: Lorenz HM, Manger B, Peter HH, Sticherling M, Schwarting A (Hrsg.) Immuntherapie interdisziplinär. Ligaturverlag, Stuttgart 2010, pp. 41-48.

Paesmans M, Kern WV. Tüm Nötropenik Hastalar Ayni mi?. In: Akova M, Akan H (Eds.) Febril Nötropeni. Bilimsel Tip Yayınevi, Ankara 2010, pp. 63-74.

Barger A, Handrick W, Kern WV, Lode H. Umfrage: Antibiotikaverbrauch in Deutschland und im europäischen Vergleich. internist praxis 50 (2010) 463-469.

Grünewald T, Kist M, Mutters R, Ruf BR, Kern WV. *Clostridium difficile*-Infektion. Dtsch Med Wochenschr 135 (2010) 699-703.

Gastmeier P, Brunkhorst FM, Schrappe M, Kern WV, Geffers C. Wie viele nosokomiale Infektionen sind vermeidbar?. Dtsch Med Wochenschr 135 (2010) 91-93.

Grundmann S, Huebner J, Stuplich J, Koch A, Wu K, Geibel-Zehender A, Bode C, Brunner M. Prosthetic valve endocarditis due to *Actinomyces neuii* successfully treated by antibiotic therapy: A first case report and review of the literature. J Clin Microbiol 48 (2010) 1008-1011.

ESAC – European Surveillance of Antibiotic Consumption Yearbook 2009. ESAC/EDCD, Antwerpen, 2010. Available from: http://www.esac.ua.ac.be/main.aspx?c=*ESAC2&n=50036

2009

Kern WV, Frank U. Serious hospital infections – the burden and impact of resistance. Eur Infect Dis 3 (2009) 65-69.

Kern WV, Marchetti O, Drgona L, Akan H, Aoun M, Akova M, de Bock R, Paesmans M, Martens J, Viscoli C, Calandra T. Orales Moxifloxacin versus Ciprofloxacin plus Amoxicillin-Clavulansäure bei Patienten mit febriler Neutropenie und niedrigem Risiko – eine prospektive, doppelblinde, randomisierte, multizentrische EORTC Infectious Diseases Group (IDG)-Studie (Studienprotokoll 46001, IDG-Studie XV. Infection 27 (2009) (Suppl IV) 56-57.

Gastmeier P, Fellhauer M, Heesemann J, Kern WV. Die Antibiotika-Resistenzstrategie – Verbesserung der Aus-, Weiter- und Fortbildung in Krankenhäusern. Klinikarzt 38 (2009) 562-565.

Höffken G, Lorenz J, Kern WV, Welte T, Bauer T, Dalhoff K, Dietrich E, Ewig S, Gastmeier P, Grabein B, Halle E, Kolditz M, Marre R, Sitter H für die PEG, DGP, DGI, CAPNETZ-Stiftung. S3-Leitlinie zu Epidemiologie, Diagnostik, antimikrobieller Therapie und Management von erwachsenen Patienten mit ambulant erworbenen tiefen Atemwegsinfektionen, 2. Auflage - Kurzfassung. Thieme Verlag, Stuttgart New York 2009.

Höffken G, Lorenz J, Kern WV, Welte T, Bauer T, Dalhoff K, Dietrich E, Ewig S, Gastmeier P, Grabein B, Halle E, Kolditz M, Marre R, Sitter H. Epidemiologie, Diagnostik, antimikrobielle Therapie und Management von erwachsenen Patienten mit ambulant erworbenen tiefen Atemwegsinfektionen (akute Bronchitis, akute Exazerbation einer chronischen Bronchitis, Influenza und andere respiratorische Virusinfektionen) sowie ambulant erworbene Pneumonie. S3-Leitlinie der PEG, DGP, DGI und CAPNETZ. Chemotherapie Journal 14 (2005) 97-145.

Höffken G, Lorenz J, Kern WV, Welte T, Bauer T, Dalhoff K, Dietrich E, Ewig S, Gastmeier P, Grabein B, Halle E, Kolditz M, Marre R, Sitter H. Epidemiologie, Diagnostik, antimikrobielle Therapie und Management von erwachsenen Patienten mit ambulant erworbenen tiefen Atemwegsinfektionen (akute Bronchitis, akute Exazerbation einer chronischen Bronchitis, Influenza und andere respiratorische Virusinfektionen) sowie ambulant erworbene Pneumonie. S3-Leitlinie der PEG, DGP, DGI und CAPNETZ. Update 2009. Pneumologie 63 (2009) e1-68.

Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) Arzneiverordnungsreport 2009 - Aktuelle Daten, Kosten, Trends und Kommentare. Springer Medizin Verlag, Heidelberg 2009, pp. 283-308.

Kern WV, Dettenkofer M. Nosokomiale Infektionen – Herausforderung MRSA und CDAD. Internist (Berl) 50 (2009) 691-703.

de With K. „Hospital Antibiotic Stewardship“ und Deutsche Antibiotika-Resistenzstrategie. Krankenhauspharmazie 5 (2009) 212-214.

Engelhardt M, Haas PS, Theilacker C, Eber SW, Schmutz M, Kern WV, Heimpele H. [Prevention of infections and thromboses after splenectomy or because of functional loss of the spleen]. Dtsch Med Wochenschr 134 (2009) 897-902.

Rieg S, Lübbert M, Kern WV, Timme S, Gärtner F, Rump JA. Myelodysplastic syndrome with complex karyotype associated with long-term highly active antiretroviral therapy. Brit J Haematol 2009 (145): 670-673.

Meyer E, Serr A, Schneider C, Uzzolino S, Kern WV, Scholz R, Dettenkofer M. Should we screen patients for extended-spectrum beta-lactamase-producing enterobacteriaceae in intensive care units? Infect Control Hosp Epidemiol 30 (2009) 103-105.

ESAC – European Surveillance of Antibiotic Consumption Yearbook 2008. ESAC, Antwerpen, 2009. Available from: http://www.esac.ua.ac.be/main.aspx?c=*ESAC2&n=50036

2008

Kern WV. Antibiotika-Prophylaxe und -Therapie bei Patienten mit Neutropenie. Onkologie heute 6 (2008) 25-30.

Kern WV, Schröder H, de With K, Dietrich ES, Nink K. Antibiotikaverbrauch im ambulanten Bereich. In: BVL, PEG, if (Hrsg.) GERMAP2008 Antibiotika-Resistenz und -Verbrauch. Antiinfectives Intelligence, Rheinbach 2008, pp. 11-6.

de With K, Kern WV, Meyer E, Mielke M. Antibiotikaverbrauch im Krankenhaus. In: BVL, PEG, if (Hrsg.) GERMAP2008 Antibiotika-Resistenz und -Verbrauch. Antiinfectives Intelligence, Rheinbach 2008, pp. 17-22.

Kern WV, Schneidereit M, Kresken M, de With K. Antibiotikaverbrauchsdaten – Methodik und Quellen. In: BVL, PEG, if (Hrsg.) GERMAP2008 Antibiotika-Resistenz und -Verbrauch. Antiinfectives Intelligence, Rheinbach 2008, pp. 132-135.

Kern WV. Bakterielle Infektionen. In: Nowrousian MR (Hrsg.) Supportive Therapie in der Onkologie. Zuckschwerdt Verlag, Germering/München 2008, pp. 191-208.

Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) Arzneiverordnungsreport 2008 - Aktuelle Daten, Kosten, Trends und Kommentare. Springer Verlag, Berlin Heidelberg New York 2008, pp. 279-304.

Theilacker C, Rieg S, Hübner J, Kern WV. Rezidivierende *Staphylococcus aureus*-Infektionen. Kinder- und Jugendmedizin 8 (2008) 101-4.

Werner G, Klare I, Hübner J, Kern WV, Witte W. Vancomycin-resistente Enterokokken. Chemother J 17 (2008) 183-193.

Timmer A, Günther J, Rücker G, Motschall E, Antes G, Kern WV. Pelargonium sidoides extract for acute respiratory tract infections (Review). *The Cochrane Library* 2008, Issue 3

ESAC – European Surveillance of Antimicrobial Consumption. ESAC Yearbook 2006. University of Antwerp, Antwerp, 2008.

Dettenkofer M, Widmer AF, Kern WV. [MRSA and other multi-resistant pathogens: an ever increasing problem even in ambulant medicine]. Dtsch Med Wochenschr 133 (2008) 370-371.

Wagner D, Hörster R, Lange B, Lange C. [Evaluation of T-cell interferon-gamma-release assays for the diagnosis of latent and active tuberculosis]. Dtsch Med Wochenschr 133 (2008) 354-357.

Lange C, Grobusch MP, Wagner D. [Extensively drug-resistant tuberculosis]. Dtsch Med Wochenschr 133 (2008) 374-376.

Kern WV, Weiss G. Was gibt es Neues in der Infektiologie? Dtsch Med Wochenschr 133 (2008) 339.

Rieg S, Theilacker C. Bilderquizz: Afrikanisches Zeckenbissfieber. Dtsch Med Wochenschr 133 (2008) 363-364.

Huebner J, Franz C, Kopp M. [Probiotics--evidence-based medicine or simply hocus-pocus?]. Dtsch Med Wochenschr 133 (2008) 367-369.

2007

- Huebner J, Arciola CR. Cave enterococcus! *Int J Artif Organs* 30 (2007) 852-853.
- de With K, Kern WV. Antibiotikaverbrauch in Klinik und Praxis. *Krankenhaushygiene up2date* 2 (2007) 341-358.
- Kern WV. Wenn Fieber kein banaler Infekt ist – Fahndung nach Ursachen der Temperatursollwertverstellung. *Notfall- und Hausarztmedizin* 33 (2007) 414-21.
- Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) *Arzneiverordnungsreport 2007 - Aktuelle Daten, Kosten, Trends und Kommentare*. Springer Verlag, Berlin Heidelberg New York 2007, pp. 287-311.
- Stubanus M, Gobel H, Rieg S, Walz G, Gerke P. Quiz page. Minimal change glomerulonephritis associated with secondary syphilis. *Am J Kidney Dis* 49 (2007) A49-50.
- Kern WV. New plasmid-borne quinolone-resistance determinant in *Escherichia coli*. *Future Microbiol* 2 (2007) 473-475.
- de With K, Fellhauer M. Erhebung und Interpretation von Antiinfektiva-Verbrauchsdaten im Krankenhaus. *Antibiotika-Surveillance als Aufgabe für den Krankenhausapotheker*. *Krankenhauspharmazie* 9 (2007) 362-365.
- Timmer A, Antes G, Günther J, Kern WV, Motschall E. Pleargonium sidoides extract (Umckaloabo) for acute respiratory tract infections (protocol). *Cochrane Database of Systematic Reviews* 2007, Issue 1. Art.No. CD006323.
- Seifert H, Abele-Horn M, Fätkenheuer G, Glück T, Jansen B, Kern WV, Mack D, Plum G, Reinert RR, Roos R, Salzberger B, Shah PM, Ullmann U, Weiß M, Welte T, Wisplinghoff H. Blutkulturdiagnostik - Sepsis, Endokarditis, Katheterinfektionen, Teil II. In: Mauch H, Podbielski A, Herrmann M, Kniehl E (Hrsg.) *Mikrobiologisch-infektiologische Qualitätsstandards (MiQ)* 3b. 2. Auflage. Verlag Urban & Fischer, München 2007.
- de With K. Therapie von Intensivpatienten, kritisch Kranken und multimorbiden Patienten. In: Högger P, Strehl E (Hrsg.) *Repititorium Klinische Pharmazie, Arbeitsbuch für Prüfung und Praxis* 2007, Kapitel Besondere Therapieregime. GOVI Verlag Pharmazeutischer Verlag. 522 S. Zahlreiche Abbildungen und Tabellen, gebunden. ISBN 978-3-7741-1060-1
- Mahamoud A, Chevalier J, Alibert-Franco S, Kern WV, Pagès JM. Antibiotic efflux pumps in Gram-negative bacteria, the inhibitor response strategy. *J Antimicrob Chemother* 59 (2007) 1223-1229.

2006

- Schwacha H, Kern WV, Wagner D. Duodenal perforation of a Dacron endoprosthesis. *Endoscopy* 38 (2006) 51. [[PubMed](#)]
- Leibovici L, Paul M, Cullen M, Bucaneve G, Gafer-Gvili A, Fraser A, Kern WV. Antibiotic prophylaxis in neutropenic patients: new evidence, practical decisions. *Cancer* 107 (2006) 1743-1751.
- Kern WV, Steib-Bauert M, de With K. Comment on: Hospital consumption of antibiotics in 15 European countries: results of the ESAC retrospective data collection (1997-2002). *J Antimicrob Chemother* 58 (2006) 900-901.
- Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) *Arzneiverordnungsreport 2006 - Aktuelle Daten, Kosten, Trends und Kommentare*. Springer Verlag, Berlin Heidelberg New York 2006, pp. 326-350.
- Cometta A, Marchetti O, Calandra T, Bille J, Kern WV, Zinner S; Infectious Diseases Group of the European Organization for Research and Treatment of Cancer (EORTC-IDG). In vitro antimicrobial activity of moxifloxacin against bacterial strains isolated from blood of neutropenic cancer patients. *Eur J Clin Microbiol Infect Dis* 25 (2006) 537-540.
- Kern WV. Kommentar: Auch andere Fluorchinolone fielen durch Unverträglichkeitsreaktionen auf. *Dtsch Med Wschr* 131 (2006) 1306.
- Jaeger M, Maier D, Kern WV, Südkamp NP. Antibiotics in trauma and orthopedic surgery – a primer of evidence-based recommendations. *Injury* 37 Suppl 2 (2006) S74-80.
- Wagner D, Vos MC, Buiting AGM+, Serr A, Bergmans AMC, Kern WV, Schouls LM. Infections due to '*Mycobacterium tuberculosis*'. *Emerg Inf Dis* (2006). Available from <http://www.cdc.gov/ncidod/EID/vol12no03/05-1139.htm>
- Kern WV. Kommentar: MRSA ist im ambulanten Bereich bemerkenswert virulent. *Dtsch Med Wschr* 131 (2006) 853.
- Kern WV. Low risk febrile neutropenia: risk assessment and management. *Clin Infect Dis* 42 (2006) 533-540.
- Kern WV. Daptomycin: first in a new class of antibiotics for complicated skin and soft tissue infections. *Int J Clin Pract* 60 (2006) 370-378.
- Lorenz J, Kern WV, Halle E, Grabein B. Antibiotika in der Pneumologie. *Pneumologie* 3 (2006) 59-76.
- Sandherr M, Einsele H, Hebart H, Kahl C, Kern WV, Kiehl M, Massenkeil G, Penack O, Schiel X, Schuettrumpf S, Ullmann AJ, Cornely OA. Antiviral prophylaxis in patients with haematological malignancies and solid tumours: guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society for Hematology and Oncology (DGHO). *Ann Oncol* 17 (2006) published online January 12.

2005

- Kern WV. Outpatient management in patients with neutropenia after intensive chemotherapy – is it safe? *Ann Oncol* 16 (2005) 179-180.
- Nilsson-Ehle I, McKendrick M, Kern WV, Horgan M, Black FT. UEMS and the specialty of infectious diseases. *ESCMID News* 2005: 13-14.
- Kern WV, Wagner D, Hirsch HH. Infektionen nach Organtransplantation. *Internist* 46 (2005) 630-642.
- Kern WV. Bakterielle Infektionskrankheiten. In: Paumgartner G, Steinbeck G (Hrsg.) *Therapie innerer Krankheiten*. 11. Auflage. Springer Verlag, Berlin Heidelberg New York 2005, pp. 1531-1569.
- Kern WV, Ruf BR. Infektiologie – Neue Szenarien, zunehmende Aufgaben. *Dtsch Med Wschr* 130 (2005) 1559-1562.

Höffken G, Lorenz J, Kern WV, Welte T, Bauer T, Dalhoff K, Dietrich E, Ewig S, Gastmeier P, Grabein B, Halle E, Kolditz M, Marre R, Sitter H. S3-Leitlinie zu Epidemiologie, Diagnostik, antimikrobieller Therapie und Management von erwachsenen Patienten mit ambulant erworbenen tiefen Atemwegsinfektionen - Kurzfassung. Thieme Verlag, Stuttgart New York 2005.

Höffken G, Lorenz J, Kern WV, Welte T, Bauer T, Dalhoff K, Dietrich E, Ewig S, Gastmeier P, Grabein B, Halle E, Kolditz M, Marre R, Sitter H. Epidemiologie, Diagnostik, antimikrobielle Therapie und Management von erwachsenen Patienten mit ambulant erworbenen tiefen Atemwegsinfektionen (akute Bronchitis, akute Exazerbation einer chronischen Bronchitis, Influenza und andere respiratorische Virusinfektionen) sowie ambulant erworbene Pneumonie. S3-Leitlinie der PEG, DGP, DGI und CAPNETZ. *Chemotherapie Journal* 14 (2005) 97-145.

Höffken G, Lorenz J, Kern W, Welte T, Bauer T, Dalhoff K, Dietrich E, Ewig S, Gastmeier P, Grabein B, Halle E, Kolditz M, Marre R, Sitter H. S3-Leitlinie Ambulant erworbene Pneumonie und tiefe Atemwegsinfektionen. *Pneumologie* 59 (2005) 612-664.

Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) *Arzneiverordnungsreport 2005 - Aktuelle Daten, Kosten, Trends und Kommentare*. Springer Verlag, Berlin Heidelberg New York 2005, pp. 325-349.

Schröder H, Nink K, Günther J, Kern WV. Antibiotika: Solange sie noch wirken Revisited: 2001 – 2004. *WIdo/Siftung Warentest/Universitätsklinikum Freiburg, Bonn Freiburg*, 2005.

Huebner J, Dettenkofer M, Kern WV. Vancomycin-resistente Enterokokken. *Dtsch Med Wschr* 130 (2005) 2463-2468.

Fabretti F, Huebner J. Implant infections due to enterococci: role of capsular polysaccharides and biofilm. *Int J Artif Org* 28 (2005) 1079-1090.

2004

Kern WV. Unnötige Antibiotikagabe ist häufig und kann minimiert werden. *Dtsch Med Wschr* 129 (2004) 1052 (auch erschienen in *DMW Praxis plus* 5:174).

Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) *Arzneiverordnungsreport 2004 - Aktuelle Daten, Kosten, Trends und Kommentare*. Springer Verlag, Berlin Heidelberg New York 2004, pp. 267-280.

Cometta A, Kern WV. Traitement antibiotique oral des neutropénies fébriles en onco-hématologie. L'expérience du Groupe Antimicrobien de L'EORTC. *Presse Méd* 33 (2004) 327-329.

de With K, Schröder H, Meyer E, Nink K, Hoffmann S, Steib-Bauert M, Kämmerer R, Rueß S, Daschner FD, Kern WV. Antibiotikaaanwendung in Deutschland im europäischen Vergleich. *Dtsch Med Wschr* 129 (2004) 1987-1992.

Wagner D, Young LS. Nontuberculous mycobacterial infections: a clinical review. *Infection* 32 (2004) 257-270.

Kern WV. Indikation für mikrobiologische Untersuchungen bei massiven Durchfällen. *Chir Praxis* 63 (2004) 692.

Theilacker C, Krueger WA, Kropec A, Huebner J. Rationale for the development of immunotherapy regimens against enterococcal infections. *Vaccine* 22S (2004) S31-S38.

2003

Bauer TM, Wagner D, Kern WV. Fieber unklarer Genese. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) *Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten*. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

Buchheidt D, Böhme A, Cornely OA, Fätkenheuer G, Fuhr HG, Heussel G, Junghans C, Karthaus M, Kellner O, Kern WV, Schiel X, Sezer O, Südhoff T, Szelenyi H. Diagnosis and treatment of documented infections in neutropenic patients. Recommendations of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Oncology (DGHO). *Ann Hematol* 82 (2003) S127-S132.

Cornely OA, Böhme A, Buchheidt D, Glasmacher A, Kahl C, Karthaus M, Kern WV, Krüger W, Maschmeyer G, Ritter J, Salwender HJ, Sandherr M, Schiel X, Schutttrumpf S, Sieniawski M, Silling G, Ullmann AJ, Wolf HH. Prophylaxis of invasive fungal infections in patients with hematological malignancies and solid tumors. Guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Oncology (DGHO). *Ann Hematol* 82 (2003) S186-S200.

Elies W, Grünewald T, Kern WV. Infektionen der oberen Luftwege. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) *Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten*. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

Franzen T, Bauer TM. Enteritis und Enterocolitis. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) *Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten*. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

Grünewald T, Brodt HR, Faetkenheuer G, Kern WV. Tuberkulose und atypische Mykobakteriosen. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) *Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten*. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

Günther J, Kern WV, Nink K, Schröder H, de With K. Solange sie noch wirken... Analysen und Kommentare zum Antibiotikaverbrauch in Deutschland. *WIdo/Universitätsklinikum Freiburg, Bonn Freiburg*, 2003.

Kern P, Löscher T, Notdurft H, Kern WV. Wichtige importierte Infektionskrankheiten. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) *Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten*. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

Kern WV, Salzberger B. Spezielle Infektionskrankheiten des Respirationstrakts. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) *Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten*. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

Kern WV. Bakterielle Infektionskrankheiten. In: Paumgartner G, Steinbeck G (Hrsg.) *Therapie innerer Krankheiten*. 10. Auflage. Springer Verlag, Berlin Heidelberg New York 2003, pp. 1457-1495.

Link H, Böhme A, Cornely OA, Höffken K, Kellner O, Kern WV, Mahlberg R, Maschmeyer G, Nowrousian MR, Ostermann H, Ruhnke M, Sezer O, Schiel X, Wilhelm M, Auner HW. Antimicrobial therapy of unexplained fever in neutropenic patients. Guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Oncology (DGHO) and the Arbeitsgemeinschaft Supportivmassnahmen in der Onkologie of the Deutsche Krebsgesellschaft (DKG-German Cancer Society). *Ann Hematol* 82 (2003) S105-S117.

Maschmeyer G, Kern WV. Infektionen bei hämatologischen und onkologischen Patienten. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Solide Tumoren und Prinzipien der internistischen Onkologie. Urban und Schwarzenberg, München Wien Baltimore 2003.

Maser J, Wagner D, Lai B, Cai Z, Legnini D, Moric I, Bermudez LE. Trace metals and their relation to bacterial infections studied by x-ray microscopy. J Susisni, D Joyeux, and F Polack (eds), *Journal de Physique IV EDP Sciences, Les Ulis, France* 104 (2003) 283-288.

Schiel X, Hebart H, Kern WV, Kiehl MG, Solch JP, Wilhelm S, Ostermann H. Sepsis in neutropenia. Guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Oncology (DGHO). *Ann Hematol* 82 (2003) S158-S66.

Schröder H, Nink K, Günther J, Kern WV. Antibiotika: Solange sie noch wirken. *Gesundheit Gesellschaft Wissenschaft* 3 (2003) 7-16.

Schwabe U, Kern WV. Antibiotika und Chemotherapeutika. In: Schwabe U, Paffrath D (Hrsg.) *Arzneiverordnungsreport 2003 - Aktuelle Daten, Kosten, Trends und Kommentare*. Springer Verlag, Berlin Heidelberg New York 2003, pp. 167-193.

Wagner D, Bauer G. Mononukleoseähnliche Syndrome. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Infektionskrankheiten. 14. Lieferung. Urban und Schwarzenberg, München Wien Baltimore 2003.

2002

Bauer TM, Zimmerli W. "Blasenleiden mit Folgen" - Spondylodiscitis durch *Streptococcus agalactiae*. In: Geiss HK, Jacobs E, Mack D (Hrsg.). *Der klinisch-infektiologische Fall. Problemorientierte Diagnose und Therapie*. Springer 2002, pp. 8-13.

Bauer TM, Kist M, Allgaier HP, Blum HE. "Jagdfieber" - Pneumonie durch *Francisella tularensis*. In: Geiss HK, Jacobs E, Mack D (Hrsg.). *Der klinisch-infektiologische Fall. Problemorientierte Diagnose und Therapie*. Springer 2002, pp. 106-113.

Bauer TM, Moradpour D, Blum HE. "Blut im Stuhl" - Salmonellenenteritis bei Colitis ulcerosa. In: Geiss HK, Jacobs E, Mack D (Hrsg.). *Der klinisch-infektiologische Fall. Problemorientierte Diagnose und Therapie*. Springer 2002, pp. 14-19.

Bauer TM, Moradpour D, Blum HE. "Folgen des Alkohols" - Rezidivierende bakterielle Peritonitis bei einem Patienten mit äthyltoxischer Leberzirrhose. In: Geiss HK, Jacobs E, Mack D (Hrsg.). *Der klinisch-infektiologische Fall. Problemorientierte Diagnose und Therapie*. Springer 2002, pp. 74-79.

Maschmeyer G, Kern WV. Infektionen bei hämatologischen und onkologischen Patienten. In: Deutsche Gesellschaft für Innere Medizin (Hrsg.) Rationelle Diagnostik und Therapie in der Inneren Medizin, Kapitel: Solide Tumoren und Prinzipien der internistischen Onkologie. 4. Auflage. Urban und Schwarzenberg, München Wien Baltimore 2002.

Abstracts



2011

Kaasch A, Rieg S, Kütscher J, Widmann T, Meyer C, Kern P, Haars U, Hübner I, Sinha B, Brunkhorst F, Kern WV, Seifert H. Verzögerung der antimikrobiellen Therapie bei *Staphylococcus aureus*-Blutstrominfektionen und Sterblichkeit. Gemeinsame Jahrestagung 2011 der Deutschen Gesellschaft für Infektiologie und der Deutschen Gesellschaft für Pädiatrische Infektiologie, Leipzig, April 2011, abstr. Sy-30.

Rieg S, Saborowski V, Kern WV, Jonas D, Bruckner-Tuderman L, Hofmann S. Impact of innate defense antimicrobial peptides on *S. aureus* colonisation and recurrent *S. aureus* skin and soft tissue infection. Gemeinsame Jahrestagung 2011 der Deutschen Gesellschaft für Infektiologie und der Deutschen Gesellschaft für Pädiatrische Infektiologie, Leipzig, April 2011, abstr. Po-15.

Bohnert J, de With K, Kern WV. Decolonization of *Enterobacteriaceae* producing extended-spectrum β -lactamases (ESBL): a pilot study. Gemeinsame Jahrestagung 2011 der Deutschen Gesellschaft für Infektiologie und der Deutschen Gesellschaft für Pädiatrische Infektiologie, Leipzig, April 2011, abstr. Po-29a.

de With K, Ehm C, Kern WV. Voraussetzungen für *Antibiotic Stewardship*-Programme an deutschen Krankenhäusern. Gemeinsame Jahrestagung 2011 der Deutschen Gesellschaft für Infektiologie und der Deutschen Gesellschaft für Pädiatrische Infektiologie, Leipzig, April 2011, abstr. Po-51.

Wagner D. Epidemiologie und klinische Relevanz von NTM beim Erwachsenen. Gemeinsame Jahrestagung 2011 der Deutschen Gesellschaft für Infektiologie und der Deutschen Gesellschaft für Pädiatrische Infektiologie, Leipzig, April 2011, abstr. Sy-50.

Kern WV. ESBL: Therapie und De-Kolonisation - ein Update. Gemeinsame Jahrestagung 2011 der Deutschen Gesellschaft für Infektiologie und der Deutschen Gesellschaft für Pädiatrische Infektiologie, Leipzig, April 2011, abstr. Sy-22.

Sester M, van Leth F, Girardi W, Bruchfeld J, Bumbacea D, Cirillo D, Dilektaşlı AG, Dominguez J, Duarte R, Ernst M, Eyuboglu F, Gerogianni I, Goletti D, Janssens JP, Julander I, Lange B, Latorre I, Losi M, Markova R, Matteelli A, Migliori GB, Milburn H, Ravn P, Rothel J, Scholman T, Soccia P, Straub M, Wagner D, Yalcin A, Lange C. Head-to-head analysis of IGRAs and skin-testing in immunocompromised patients: Interim analysis of a multicenter TBNET study. European Respiratory Society Annual Congress (ERS 2011), Amsterdam, September 2011, abstr. 1896.

B. Lange, M. Vavra, W. Kern, W. Dirk. IP-10 measurement using a point of care test for the diagnosis of active tuberculosis. European Respiratory Society Annual Congress (ERS 2011), Amsterdam, September 2011, abstr. 1900.

de With K. Voraussetzungen für ABS an Krankenhäusern der Teilnehmer der ABS-Fortbildungsinitiative. ADKA-Jahreskongress, Berlin, Mai 2011, abstr. Po-64

de With K. Ergebnisse von 1-Tages-Punkt-Prävalenz-Analysen an drei verschiedenen Krankenhäusern im Vergleich. ADKA-Jahreskongress, Berlin, Mai 2011, abstr. Po-68

de With K, Ehm C, Kern Kern WV. Strukturen und Voraussetzungen für Antibiotic-Stewardship-Programme an Krankenhäusern der Teilnehmer der ABS-Fortbildungsinitiative. 117. DGIM-Kongress, Wiesbaden, Mai 2011, abstr. PS168. Internist 52 (2011) Suppl 1:77.

Jonas D, Rieg S, Schneider C, Kaasch AJ, Seifert H, Kern WV. Distribution of virulence factors and clonal complexes in *Staphylococcus aureus* isolates from nosocomial bloodstream infections. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2011), Milano, April 2011, abstr. P 852.

Luft D, Schwab F, Babikir R, Bertz H, Kern WV, Widmer AF, Dettenkofer M, and the ONKO-KISS study group. Reducing nosocomial infections in neutropenic patients through participation in the multicentre surveillance project ONKO-KISS. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2011), Milano, April 2011, abstr. P 1112

Kaasch AJ, Rieg S, Kütscher J, Widmann T, Meyer C, Kern P, Haars U, Hübner I, Sinha B, Brunkhorst F, Kern WV, Seifert H on behalf of the preSABATO study group. Delayed appropriate therapy in *Staphylococcus aureus* bloodstream infection does not influence outcome. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2011), Milano, April 2011, abstr. P 1589.

2010

Kropec A, Wobser D, Theilacker C, Hübner J. Opsonic killing and titers of antibodies against LTA in sera from patients with complicated and uncomplicated *S. aureus* Sepsis. 50th Interscience Conference for Antimicrobial Agents and Chemotherapy (ICAAC 2010), Boston, September 2010, abstr. B-720.

Bohnert JA, Schuster S, Kern WV. Probing the function of substrate binding pocket residues in the *Escherichia coli* resistance-nodulation-division (RND) efflux pump AcrB with a novel lipophilic dye. 50th Interscience Conference for Antimicrobial Agents and Chemotherapy, Boston (ICAAC 2010), September 2010, abstr. F2-872.

Diel R, Cirrilo D, Ferrara G, Giehl C, Goletti D, Huitric E, Kampmann B, Lange C, Losi M, Manissero D, Markova R, Migliori GB, Ruhwald M, Wagner D, Zellweger JP. Evidence assessment on the use of IGRA testing in diagnosing latent tuberculosis – A TBNET review. European Respiratory Society Annual Congress (ERS 2010), Barcelona, September 2010, abstr. 2148.

Sester M, van Leth F, Girardi E, Bruchfeld J, Bumbacea D, Caliman-Sturza O, Cirillo D, Dilektaşlı AG, Domínguez J, Duarte R, Ernst M, Eyuboglu F, Gerogianni I, Goletti D, Janssens JP, Julander I, Latorre I, Markova R, Matteelli A, Migliori GB, Milburn H, Ravn P, Scholman T, Rothel J, Soccia P, Straub M, Wagner D, Wolf T, Yalcin A, Lange C, on Behalf of TBNET. Head-to-head analysis of IGRAs and skin-testing in immunocompromised patients: Interim analysis of a multicenter TBNET study. European Respiratory Society Annual Congress (ERS 2010), Barcelona, September 2010, abstr. 2149.

Lange B, Wolkewitz M, Vavra M, Kern WV, Wagner D. Combination of interferon- γ and non-interferon- γ cytokines in tuberculosis specific cytokine release assays (TUCRA). ERS Annual Congress, Barcelona, September 2010, abstr. 5172.

Scholman T, Straub M, Sester U, Wagner D, Sester M. Analysis of agreement between IGRAs and skin-testing by the use of PPD as the same antigen. European Respiratory Society Annual Congress (ERS 2010), Barcelona, September 2010, abstr. 5174.

Greiten M, Vavra M, Kern WV, Wagner D. Survival due to reduced apoptosis: Importance of the ESX-1 secretion system of *Mycobacterium tuberculosis*. European Respiratory Society Annual Congress (ERS 2010), Barcelona, September 2010, abstr. P5006.

Luft D, Babikir R, Bertz H, Widmer AF, Kern WV, Dettenkofer D, and the ONKO-KISS Study Group. Multi-resistant pathogens – a problem in nosocomial bloodstream infections in patients with haematopoietic cell transplantation? Evaluation of ONKO-KISS data. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2010), Vienna, April 2010, abstr. O 251.

Dettenkofer M, Babikir R, Luft D, Gastmeier P, Kern WV, Widmer AF, Bertz H, and the ONKO-KISS study group. Surveillance of nosocomial bloodstream infections and pneumonia in patients with haematopoietic cell transplantation (ONKO-KISS data) – do patient numbers matter? European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2010), Vienna, April 2010, abstr. P 1527.

Kern WV. Outpatient therapy: is it still a viable option in an era of emerging quinolone resistance in the community? European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2010), Vienna, April 2010, abstr. S 450.

Kaasch A, Rieg S, Birkholz H, Neumann S, Peppinghaus G, Peyerl-Hoffmann G, Kern WV, Seifert H. Transoesophageal echocardiography in *Staphylococcus aureus* bacteraemia – when is it dispensable? European Congress of Clinical Microbiology and Infectious Diseases, Vienna (ECCMID 2010), April 2010, abstr. P 2006.

Theilacker C, Rizzi M, Eibel H, Kern WV. Clinical characteristics and B cell immunology in patients with functional or anatomic asplenia. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2010), Vienna, April 2010, abstr. R 2365.

Theilacker C, Geiss S, Sanchez-Carballo P, Holst O, van Strijp JA, Hübner J, Rooijackers S. The structure of the cell wall polysaccharide of *Enterococcus faecalis* is critical for evasion of complement deposition by the lectin pathway. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2010), Vienna, April 2010, abstr. LB 2392.

Geiß ST, Sanchez-Carballo P, Theilacker C, Holst O, Hübner J. Role of enterococcal cell wall polysaccharide structure in resistance to killing by neutrophils. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit058.shtml>

Theilacker C, Geiss S., Hübner J, van Strijp JA, Rooijackers S. The structure of the cell wall polysaccharide of *Enterococcus faecalis* is critical for evasion of complement deposition by the lectin pathway. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit060.shtml>

Lange B, Vavra M, Kern WV, Wagner D. Progression to active tuberculosis in immunocompromised patients with a positive tuberculosis-specific interferon-gamma release assay result. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit017.shtml>

Haug K, Lange B, Huzly D, Vavra M, Geyer M, Bertz H, Pisarski P, Finke J, Kern WV, Wagner D. Testing of CMV-specific interferon-gamma release in whole blood is not predictive for the development of CMV viremia in kidney and stem cell transplant patients. 10.

Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit027.shtml>

Rieg S, Kaasch A, Wehrle J, Hofmann S, Büsing V, Kalbacher H, Seifert H, Kern WV. Susceptibility of clinical *Staphylococcus aureus* isolates against innate defense antimicrobial peptides. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit028.shtml>

Kaasch A, Rieg S, Kütscher J, Sinha B, Widmann T, Meyer C, Haars U, Kern P, Brunkhorst F, Hübner I, Kern WV, Seifert H. preSABATO - eine Pilotstudie zur *Staphylococcus aureus* Bakteriämie. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit029.shtml>

Rieg S, Kaasch A, Schuman M, Szymaniak-Vits M, Hofmann S, Büsing V, Seifert H, Kern WV. Significance of bacterial MDR efflux pumps in patients with *Staphylococcus aureus* bacteremia. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit061.shtml>

Schuster S, Biegert C, Sakaras A, Bohnert J, Kern WV. Gene-specific random mutagenesis of AcrB from *Escherichia coli* in vitro permits isolation of mutants with altered resistance spectrum and/or altered efficiency of known efflux pump inhibitors. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit068.shtml>

Bohnert JA, Schuster S, Szymaniak-Vits M, Kern WV. A novel real-time efflux assay reveals that selective serotonin reuptake inhibitors inhibit efflux of the near-infrared dye 1,2-dinaphthylamine in *Escherichia coli* strains overexpressing different RND pumps. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit071.shtml>

Luft D, Babikir R, Bertz H, Widmer AF, Kern WV, Dettenkofer M. Bloodstream infections during neutropenia: Which pathogens are involved in transplanted haematology patients? Evaluation of ONKO-KISS-Data. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit087.shtml>

Hoffmeister B, Peyerl-Hoffmann G, Pischke S, Zollner-Schwetz I, Krause R, Müller MC, Graf A, Kluge S, Burchard GD, Kern WV, Suttrop N, Cramer JP. Differences in clinical manifestations of imported versus autochthonous leptospirosis in Austria and Germany. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit098.shtml>

Rieg S, Peyerl-Hoffmann G, de With K, Theilacker C, Wagner D, Hübner J, Dettenkofer M, Kaasch A, Schneider C, Seifert H, Kern WV. Community-acquired versus community-onset/healthcare-associated *Staphylococcus aureus* bacteremia - a single center study. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit116.shtml>

Thoden J, Venhoff N, Usadel S, Warnatz K, Wagner D, Uhl M, Kern WV. New osteolytic lesions in an AIDS patient with Kaposi sarcoma. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit169.shtml>

Thoden J, Usadel S, Löffler H, Kunze M, Wagner D, Kern WV. Successful and rapid reduction of viral load one week prior to C-section with ART including enfuvirtide. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit191.shtml>

Küpper MF, Rieg S, Venhoff N, Thoden J, Usadel S, Lange B, Kern WV, Wagner D. Posterior reversible encephalopathy syndrome (PRES) and HIV/tuberculosis co-infection. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit194.shtml>

Küpper MF, Euringer W, Thoden J, Usadel S, Kern WV, Wagner D: 5 in 1: multiple atypical aneurysms in a HIV patient. 10. Kongress für Infektionskrankheiten und Tropenmedizin (KIT 2010), Köln, Juni 2010. <http://www.egms.de/en/meetings/kit2010/10kit197.shtml>

2009

Poppert S, Kern WV, Krueger A, Hodapp M, Hegasy G, Niesen WD, Tannich E. *Dirofilaria repens* infection with concomitant meningoencephalitis in a German returnee from India. Jahrestagung der Deutschen Gesellschaft für Tropenmedizin und Internationale Gesundheit, München, November 2009, abstr. OP39.

Bohnert JA, Szymaniak-Vits M, Schuster S, Kern WV. Antimicrobial Action and Efflux Pump Inhibition by Selective Serotonin Reuptake Inhibitors (SSRIs) in *Escherichia* (E.) *coli* Strains Overexpressing Four Different RND Efflux Pumps. 49th Interscience Conference for Antimicrobial Agents and Chemotherapy (ICAAC 2009), San Francisco, October 2009, abstr. E-1457

Theilacker C, van der Linden MPG, Mueller C, Berner R, Kern WV. Post-splenectomy sepsis: need for prospective collaborative investigations. 4th International Congress Sepsis and Multiorgan Dysfunction, Weimar, September 2009, abstr. 084. *Infection* 37 (2009) Suppl III:66.

Geffers C, Hansen S, Brunkhorst FM, Schrappe M, Kern WV, Gastmeier P. How many nosocomial infections are avoidable? 4th International Congress Sepsis and Multiorgan Dysfunction, Weimar, September 2009, abstr. 109. *Infection* 37 (2009) Suppl III:66-67.

Kiefer C, Luft D, Babikir R, Bertz H, Kern WV, Widmer A, Dettenkofer M. Surveillance of nosocomial pneumonia and bloodstream infection in patients with acute leukaemia. 19th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2009), Helsinki, May 2009, abstr. P 629.

Kern WV, Metz-Gercek S, Buyle F, Jindrak V, Lechner A, Mittermayer H, Seifert H, Wechsler-Fördös A, Wenisch C, Zupanc-Lejko T, Mechtler R, Struelens M, and the ABS QI Team. *Staphylococcus aureus* bloodstream infection management indicators as quality indicators for hospital antibiotic stewardship: feasibility study by the ABS International Quality Indicators (ABS QI) team. 19th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2009), Helsinki, May 2009, abstr. P 764.

Kern WV. Antibiotic use in Europe: its impact on pneumococcal disease burden and disease management strategies. 19th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2009), Helsinki, May 2009, abstr. S 165.

Rieg S, Peyerl-Hoffmann G, de With K, Theilacker C, Wagner D, Hübner J, Dettenkofer M, Kaasch A, Seifert H, Schneider C, Kern WV. Mortality of *Staphylococcus aureus* bacteraemia and infectious diseases specialist consultation – a study of 521 patients at a tertiary care centre in Germany. 19th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2009), Helsinki, May 2009, abstr. O 179.

Struelens M, Metz-Gercek S, Mechtler R, Buyle F, Lechner A, Mittermayer H, Allerberger F, Kern WV, and the ABS QI Team & Feasibility Study Participants. Validation of quality indicators for hospital antibiotic use by the ABS International – Quality Indicators (QI) Project. 19th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2009), Helsinki, May 2009, abstr. O 296.

Kern WV, Steib-Bauert M, Pritzkow A, Peyerl-Hoffmann G, von Baum H, Frank U, Dettenkofer M, Schneider C, de With K, Bertz H. Fluoroquinolone prophylaxis in haematology-oncology patients – is it still useful? 19th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2009), Helsinki, May 2009, abstr. O 299.

Sava IG, Theilacker C, Toma I, Baumert TF, Huebner J. Binding of enterococci to mammalian cells is mediated by glycosaminoglycans and by bacterial glycolipids. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P13.

Repp C, Toma I, Sava I, Theilacker C, Huebner J. Inactivation of the glycosyltransferase BgsB involved in glycolipid synthesis makes mutant bacteria serum-sensitive. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P14.

Luft D, Kiefer C, Babikir R, Bertz H, Kern WV, Widmer A, Dettenkofer M, the Onko-KISS study group. Nosocomial bloodstream infection and pneumonia – results of surveillance in patients with acute leukaemia. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P16.

Kern WV, Steib-Bauert M, Pritzkow A, Peyerl-Hofmann G, von Baum H, Schneider C, Dettenkofer M, Frank U, de With K, Bertz H. Is fluoroquinolone prophylaxis in haematology-oncology patients still effective? Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P18.

Greiten M, Vavra M, Kern WV, Wagner D. Überleben bei verminderter Apoptose: Bedeutung von ESX-1 und ESX-5 bei *Mycobacterium tuberculosis*. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P29.

de With K, Steib-Bauert M, Bestehorn H, Küppers A, Kern WV. Point prevalence surveys as a basic tool in hospital antimicrobial stewardship programmes. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P30.

Steib-Bauert M, Fellhauer M, Hug M, Strehl E, Kern WV, de With K. Wie soll und kann man Antiinfektiva-Verbräuche in Kliniken berichten? Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P31.

Bohnert J, Szymaniak-Vits M, Schuster S, Kern WV. An investigation into the effects of selected psychoactive drugs to increase the intracellular drug accumulation and decrease multidrug resistance in Enterobacteriaceae. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. P33.

Kaasch A, Rieg S, Peyerl-Hoffmann G, Neumann S, Peppinghaus G, Seifert H, Kern WV. *Staphylococcus aureus*-Bakteriämie – neue Daten aus der INSTINCT-Kohorte. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. V12.

Wagner D, Vavra M, Lange B, Kern WV. Tuberculosis specific cytokine release assays (tucra) for the diagnosis of tuberculosis: potential of non-interferon- γ cytokines? Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. V18.

Lange B, Vavra M, Kern WV, Wagner D. Risk factors for indeterminate results in tuberculosis-specific interferon- γ release assays. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. V19.

Kern WV. Qualitätsindikatoren für rationale Antibiotikaverschreibung im Krankenhaus. Jahrestagung 2009 der Deutschen Gesellschaft für Infektiologie, März 2009, Freiburg, abstr. V27.

2008

Kaasch AJ, Rieg S, Neumann S, Peyerl-Hoffmann G, Peppinghaus G, Seifert H, Kern WV. Invasive staphylococcal infections cohort (INSTINCT) – ein Update. 21. Jahrestagung der Paul-Ehrlich-Gesellschaft für Chemotherapie, Bonn, Oktober 2008. *Chemother J* 17 (2008) 239.

Rieg S, Meier B, Kalbacher H, Fähnrich E, Huth A, Wagner D, Kern WV. Differential Activity of Innate Defense Antimicrobial Peptides Against *Nocardia farcinica*, *N. brasiliensis*, and *N. asteroides*. 48th Interscience Conference for Antimicrobial Agents and Chemotherapy (ICAAC 2008), Washington, October 2008, abstr. B-1027.

Kern WV, Paesmans M, Marchetti O, Drgona L, Akan H, Aoun M, Akova M, de Boch R, Viscoli C, Maertens J, Calandra T, for the EORTC-IDG. Early Discharge of Patients (pts) with Febrile Neutropenia (FN) Orally Treated and Assessed at Low Risk (LR) for Medical Complications Using the MASCC Score - Data from a Multicenter Therapeutic Trial (46001). 48th Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington (ICAAC 2008), October 2008, abstr. L-2124.

Kern WV. Antiinfektiva – was gibt's Neues? 16. Jahrestagung der Deutschen Gesellschaft für Pädiatrische Infektiologie, Erlangen, Juni 2008.

Struelens MJ, Buyle F, Mechtler R, Metz-Gercek S, Kern WV, Lechner A, Mittermayer H, Allerberger F. Consensus development of quality indicators for hospital antibiotic use: the ABS International Quality Indicators Sub-Project. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. O403.

Wisplinghoff H, Kaasch A, Achilles K, Langhorst A, Peyerl-Hoffmann G, Wöhrmann A, Fätkenheuer G, Salzberger B, Kern WV, Seifert H. Invasive *Staphylococcus aureus* Infections Cohort (INSTINCT). 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. P1088.

Kern WV, Marchetti O, Drgona L, Akan H, Aoun M, Akova M, de Bock R, Paesmans M, Maertens J, Viscoli C, Calandra T. Oral moxifloxacin versus ciprofloxacin plus amoxicillin/clavulanic acid for low-risk febrile neutropenia – A prospective, double-blind, randomised, multicentre EORTC-Infectious Diseases Group (IDG) Trial (protocol 46001, IDG trial XV). 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. P1548.

Rodrigues L, Wagner D, Viveiros M, Sampaio D, Martins M, Couto I, Vavra M, Kern WV, Amaral L. Intrinsic drug resistance of *M. avium*-*M. intracellulare* complex: the role played by efflux pumps. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. P1818.

Bohnert JA, Schuster S, Fähnrich E, Kern WV. Mutagenesis of putative substrate binding residues in the *Escherichia coli* RND type multidrug efflux pump AcrB. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. P2028.

Lange B, Vavra M, Kern WV, Wagner D. Risk factors for indeterminate results of a tuberculosis-specific gamma interferon release assay in immunocompromised patients. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. R2498.

Dettenkofer M, Babikir R, Wenzler-Röttele S, Bertz H, Kern WV, Widmer A, Meyer E. Antimicrobial prophylaxis in neutropenic patients undergoing peripheral blood stemcell or bone marrow transplantation. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. R2515.

Toma I, Sava I, Theilacker C, Heizmann M, Halima M, Huebner J. Deletion of a glycosyltransferase in *Enterococcus faecalis* leads to abolishment of glycolipid synthesis and increased susceptibility to opsonophagocytic killing. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. P965.

Huebner J. Novel immunotherapy strategies to prevent enterococcal infections/colonisations. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2008), Barcelona, April 2008, abstr. S293.

Kern WV. For debate: antibacterial and antifungal chemoprophylaxis in cancer patients – pro antibiotics. 9. Kongress für Infektiologie und Tropenmedizin. Innsbruck/Austria, February/March 2008, abstr. S46. Infection 36 (2008) Suppl 1:12.

Hübner J. Treatment and prevention of antibiotic-associated diarrhea: role of probiotics. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. S95. Infection 36 (2008) Suppl 1:21.

Wagner D. Tuberculosis – paleomicrobiological aspects. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. S118. Infection 36 (2008) Suppl 1:24.

Kern WV, Steib-Bauert M, Pritzkow A, Peyerl-Hofmann G, de With K, von Baum H, Schneider C, Dettenkofer M, Frank U, Bertz H. Is fluoroquinolone prophylaxis in hematology-oncology patients still useful? A before and after ecological and individual data analysis. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. O125. Infection 36 (2008) Suppl 1:26.

Kern WV. BMBF Infectious Diseases Clinical Research Group Freiburg. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. S158. Infection 36 (2008) Suppl 1:30.

Lange B, Vavra M, Kern WV, Wagner D. Risk factors for indeterminate results of a tuberculosis-specific gamma interferon release assay in immunocompromised patients. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. O160. Infection 36 (2008) Suppl 1:31.

Wisplinghoff H, Kaasch A, Achilles K, Langhorst A, Peyerl-Hoffmann G, Wöhrmann A, Fätkenheuer G, Salzberger B, Kern WV, Seifert H. Invasive Staphylococcal Infections Cohort (INSTINCT). 9. Kongress für Infektiologie und Tropenmedizin. Innsbruck/Austria, February/March 2008, abstr. O165. Infection 36 (2008) Suppl 1:32.

Fähnrich E, Huth A, Sigge A, Vavra M, von Baum H, Kern WV. Enhanced expression of RND efflux pumps in pairs of isogenic clinical strains of *Pseudomonas aeruginosa* with acquired multidrug resistance. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P184. Infection 36 (2008) Suppl 1:36.

Wehmeier C, Schuster S, Fähnrich E, Kern WV. Efflux-mediated enhanced macrolide resistance by AcrAB-TolC from *Escherichia coli* versus MexAB-OprM from *Pseudomonas aeruginosa*: a single amino acid makes the difference. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P188. Infection 36 (2008) Suppl 1:38.

Fähnrich E, Bohnert J, Schuster S, Kern WV. Differential effects of the Val-612 to Phe mutation in the *E. coli* AcrB efflux pump protein on resistance to linezolid, fluoroquinolones and chloramphenicol versus other AcrAB efflux pump substrates. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P189. Infection 36 (2008) Suppl 1:38.

Schenk T, Huck B, Peyerl-Hoffman G, Kern WV, Hufnagel M, Ehrenstein B, Plentz A, Neumann-Haefelin D, Falcone V. Emerging respiratory infections in hematopoietic stem cell and solid organ transplant recipients in Germany. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P199. Infection 36 (2008) Suppl 1:41.

Rieg S, Huth A, Kalbacher H, Kern WV. Susceptibility/resistance against innate defense antimicrobial peptides is independent of *E. coli* AcrAB and *P. aeruginosa* MexAB RND efflux pumps. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P227. Infection 36 (2008) Suppl 1:51.

Meier B, Rieg S, Kalbacher H, Fähnrich E, Huth A, Wagner D, Kern WV. Differential activity of innate defense antimicrobial peptides against *Nocardia*. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P231. Infection 36 (2008) Suppl 1:52.

Theilacker C, Toma I, Kaczynski Z, Sava I, Halima M, Holst O, Hübner J. Opsonic antibodies to *Enterococcus faecalis* strain type 2 and 5 are directed against a novel capsular polysaccharide. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P239. Infection 36 (2008) Suppl 1:54.

Theilacker C, Sanchez-Carballo P, Toma I, Fabretti F, Holst O, Hübner J. The role of glycolipids in biofilm formation in *Enterococcus faecalis*. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P241. Infection 36 (2008) Suppl 1:55.

Rieg S, Peyerl-Hofmann G, de With K, Theilacker C, Hübner J, Wagner W, Schneider C, Wisplinghoff H, Kern WV. *Staphylococcus aureus* bacteremia at a tertiary care center – a six year observational cohort study. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P262. Infection 36 (2008) Suppl 1:61.

Kaasch A, Seifert H, Wisplinghoff H, Achilles K, Langhorst A, Peyerl-Hoffmann G, Rieg S, Fätkenheuer G, Kern WV. An analysis of potential quality indicators in *Staphylococcus aureus* bacteremia management using the prospective INSTINCT cohort. 9. Kongress für Infektiologie und Tropenmedizin. Innsbruck/Austria, February/March 2008, abstr. P263. Infection 36 (2008) Suppl 1:62.

Klare P, Jonas D, Conrad A, Kern WV, Dettenkofer M. Legionnaires' disease in patients admitted to a German university hospital between 1998 and 2005. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P265. Infection 36 (2008) Suppl 1:62.

de With K, Steib-Bauert M, Bestehorn H, Kern WV. Comparison of defined versus Recommended versus Prescribed Daily doses for Measuring Hospital Antibiotic Consumption. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P267. *Infection* 36 (2008) Suppl 1:63.

Steib-Bauert M, Kern WV, de With K, Straach P, Hoppe-Tichy T. Hospital use of systemic antifungal drugs in the year 2004. 9. Kongress für Infektiologie und Tropenmedizin. Innsbruck/Austria, February/March 2008, abstr. P272. *Infection* 36 (2008) Suppl 1:64.

Rieg S, de With K, Serr A, Kern WV, Wagner D. BCG instillation – start of a chain reaction of iatrogenic side effects: a case report. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P274. *Infection* 36 (2008) Suppl 1:65.

Greiten M, Vavra M, Kern WV, Wagner D. Negative tuberculosis-specific interferon-gamma release assay in a patient with pulmonary *Mycobacterium kansasii* infection despite ESAT-6 and CFP10-geneexpression in vitro. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P276. *Infection* 36 (2008) Suppl 1:66.

Wagner D, Rieg SR, de With K, Schneider C, Kern WV. Disseminated *Mycobacterium genavense* infection with extensive osteomyelitis in a patient with immunosuppressive therapy. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P277. *Infection* 36 (2008) Suppl 1:66.

Maurer C, de With K, Rieg SR, Serr A, Schneider C, Braun-Falco M, Tintelnot K, Kern WV, Wagner D. *Histoplasma* infections. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P289. *Infection* 36 (2008) Suppl 1:69.

Reuter S, Kern WV, Hay B, Kern P. Prognostic factors for invasive aspergillosis in patients with hematological malignancies. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P300. *Infection* 36 (2008) Suppl 1:73.

Kist M, Schneider C, Scherer B, Bußmann M, Peyerl-Hofmann G, Steib-Bauert M, Pfeifer G, Kern WV, Aktories K, Daschner FD. Risk factors of nosocomial diarrhoea with and without detection of *Clostridium difficile*. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P305. *Infection* 36 (2008) Suppl 1:74.

Wagner D, Dreiser L, Vavra M, Kern WV. Differential regulation of iron dependant genes in the mycobacterial phagosome. 9. Kongress für Infektiologie und Tropenmedizin (KIT 2008), Innsbruck/Austria, February/March 2008, abstr. P313. *Infection* 36 (2008) Suppl 1:76.

2007

de With K, Steib-Bauert M, Geldmacher M, Bär B, Kern WV. Ambulanter Antibiotikaverbrauch neun verschiedener Facharztgruppen – WER verschreibt WAS in Baden-Württemberg? 113. Kongress der Deutschen Gesellschaft für Innere Medizin, Wiesbaden, 14.-18. April 2007, Poster 892. *Med Klin* 102 (2007) 107.

Linder K, Zia M, Kern WV, Pfau RKM, Wagner D. Relapses versus reactions in multibacillary leprosy: Proposal of new relapse criteria. 17th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID 2007), Munich/Germany, 31 March - 3 April 2007. Abstr. P1515.

2006

Wisplinghoff H, Woehrman A, Doerbecker C, Faetkenheuer G, Salzberger B, Kern WV, Seifert H. Invasive staphylococcal infections cohort (INSTINCT) - a novel approach to prospectively monitoring *S. aureus* infections. 46th Interscience Conference for Antimicrobial Agents and Chemotherapy, San Francisco, September 2006, abstr. H-793.

Bohnert JA, Schuster S, Fähnrich E, KERN WV. Altered Spectrum of Multidrug Resistance Associated with the Val610Phe Point Mutation in the *Escherichia Coli* RND Type MDR Efflux Pump YhiV. 46th Interscience Conference for Antimicrobial Agents and Chemotherapy, San Francisco, September 2006, abstr. C1-1487.

Fabretti F, Theilacker C, Kropec A, Koch S, Huebner J. Alanine esters of enterococcal lipoteichoic acid have a role in biofilm formation and resistance to antimicrobial peptides. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. O366.

Kropec A, Rumberger B, Gattermann J, Fattom A, Taylor K, Huebner J. Opsonophagocytic killing of *S. aureus* by PMNs from haemodialysis patients. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. R2269.

Meyer E, Schwab F, Gastmeier P, Rüden H, de With K, Daschner FD, Jonas D. Surveillance of antimicrobial use and antimicrobial resistance in German intensive care units (SARI) – data summary from 2001 to 2004. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. O432.

Meyer E, Buttler J, Schwab F, Strehl E, Gastmeier P, Rüden H, de With K, Zentner J, Daschner FD. Impact of an active surveillance system on antimicrobial use and resistance in a neurosurgical intensive care unit. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P1462.

Mlangeni D, Bertz H, Bussmann M, Conrad A, Huebner J, Jonas D, Kist M, Serr A, Dettenkofer M, for the VRE Task Force. Management of an outbreak of vancomycin-resistant enterococci in a German university hospital hemato-oncology department. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P1331.

Theilacker C, Bertz H, Bussmann H, Huebner J, Kern WV, for the VRE Task Force. Clinical characteristics and outcome of 22 patients with invasive infection due to vancomycin-resistant *E. faecium*. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P903.

Wenzler-Röttele S, Conrad A, Kern WV, Bertz H, Daschner FD, Dettenkofer M. Evaluation of infection control practices in 31 haematopoietic stem-cell transplant facilities in German-speaking countries: variation of measures reflects lacking evidence. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P1796.

Kern WV, de With K, Nink K, Schröder H. Decreasing outpatient antibiotic prescribing in Germany, 1995-2004, does not include newer macrolides, fluoroquinolones and extended-spectrum betalactams. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P1464.

Steib-Bauert M, de With K, Meyer E, Straach P, Kern WV. Antibiotic consumption in German acute care hospitals. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P1476.

de With K, Meyer E, Steib-Bauert M, Schwab F, Daschner FD, Kern WV. Antibiotic use in two cohorts of German intensive care units, 2001 - 2002. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. O439.

de With K, Steib-Bauert M, Nink K, Schröder H, Kern WV. Estimating hospital versus ambulatory care consumption of antibiotics in southwestern Germany. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006, abstr. P1479.

2005

Kern WV. Medical antibiotic use surveillance networks in Germany. 15th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, April 2005, abstr. S134. Clin Microbiol Infect 11 (2005) Suppl 2) 32.

Ferech M, Coenen S, Hendricks E, Dovorkova K, Goossens H, and the ESAC Project Group. Antibiotic use in 2003 in Europe. 15th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, April 2005, abstr. O54. Clin Microbiol Infect 11 (2005) Suppl 2) 10.

Kern WV. Factors affecting choice and outcome of antimicrobial therapy. 8. Kongress für Infektionskrankheiten und Tropenmedizin, Hamburg, Juni 2005, abstr. S13. Infection 33 (2005) 167.

de With K. Antibiotic use in Germany and European comparison. 8. Kongress für Infektionskrankheiten und Tropenmedizin, Hamburg, Juni 2005, abstr. S147. Infection 33 (2005) 186.

Wagner D, Serr A, Schmitt-Gräff A, Kern WV. Gastrointestinal disease due to *Mycobacterium tuberculosis* in an AIDS patient. 8. Kongress für Infektionskrankheiten und Tropenmedizin, Hamburg, Juni 2005, abstr. P61. Infection 33 (2005) 216.

Wagner D, Serr A, Rothkegel S, Pantazis G, Riede UN, Kern WV. Nocardial brain abscess with progressive and new pulmonary and cerebral lesions due to invasive aspergillosis in a patient with alcoholic liver disease. 8. Kongress für Infektionskrankheiten und Tropenmedizin, Hamburg, Juni 2005, abstr. P66. Infection 33 (2005) 218.

de With K, Steib-Bauert M, Hoffmann S, Schmid N, Kern WV. Antibiotic consumption in nonuniversity hospitals 2001-2002 in Southwestern Germany. 8. Kongress für Infektionskrankheiten und Tropenmedizin, Hamburg, Juni 2005, abstr. P13. Infection 33 (2005) 201.

Huck B, Peyerl-Hoffmann G, Duffner U, Bertz H, Ehrenstein B, Böhm S, Neumann-Haefelin D, Kern WV, Falcone V. Prospective study of human metapneumovirus (HMPV) infection in hematopoietic stem cell and organ transplanted patients. 8. Kongress für Infektionskrankheiten und Tropenmedizin, Hamburg, Juni 2005, abstr. P112. Infection 33 (2005) 232.

Wagner D, Dreiser L, Vavra M, Kern WV. Differential regulation of iron dependant genes in the mycobacterial phagosome. 45th Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington, December 2005, abstr.

Vorwieger S, Wagner D, Kern WV. Increased accumulation of EtBr in *Mycobacterium avium* and *Mycobacterium smegmatis* by flupentixol and thioridazine: effects on efflux pumps? 45th Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington, December 2005, abstr.

Schumacher A, Trittler R, Steinke P, Bohnert JA, Kümmerer K, Pagès JM, Kern WV. Intracellular accumulation of linezolid in *Escherichia coli* and other *Enterobacteriaceae*: effect of efflux pump activities and putative efflux pump inhibitors. 45th Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington, December 2005, abstr.

2004

de With K, Schröder H, Steib-Bauert M, Nink K, Kern WV. Antibiotic consumption in ambulatory care in Germany: a regional NUTS-I level analysis. 14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004, abstr. P1187. Clin Microbiol Infect 10 (2004) (Suppl 3) 326.

Dirven K, Ferech M, Elseviers M, vander Stichele R, Goossens H, and the ESAC Project Group. Outpatient use of fluoroquinolones (FQ) in Europe with focus on respiratory tract infection. 14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004, abstr. O350. Clin Microbiol Infect 10 (2004) (Suppl 3) 65.

Elseviers M, Ferech M, Dirven K, vander Stichele R, Goossens H, and the ESAC Project Group. Outpatient systemic antibiotic use in 2002 in Europe. 14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004, abstr. O202. Clin Microbiol Infect 10 (2004) (Suppl 3) 35.

Herbrecht R, Barette M, Johnson EM, Paesmans M, Kern WV, Caillot D, Troke P, Denning W. Sensitivity of aspergillus galactomannan detection at baseline in invasive aspergillosis. Advances against Aspergillosis, San Francisco, September 2004, abstr.

Jansen JP, Kern WV, Resch A. Economic evaluation of voriconazole in the treatment of invasive aspergillosis in Germany. ISPOR 7th Annual European Congress, Hamburg, October 2004, abstr. 8265.

Kern WV, De With K, Gonnermann C, Strehl E, Steib-Bauert M, Reuter S, Bertz H, Frank U, von Baum H. Fluoroquinolone consumption and fluoroquinolone resistance in haematology-oncology patients – ecological analysis in two university hospitals, 1999-2002. 14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004, abstr. O348. Clin Microbiol Infect 10 (2004) (Suppl 3) 64-65.

Reuter S, von Baum H, Sigge A, Doehner H, Marre R, Kern P, Kern WV. Discontinuing prophylactic fluoroquinolone use in neutropenic patients with hematologic malignancies in an era of increasing fluoroquinolone resistance. 44. Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington, November 2004, abstr.

Schumacher A, Bohnert J, Kern WV. *Klebsiella pneumoniae* mutants selected with fluoroquinolones develop a multidrug resistance (MDR) phenotype due to overexpression of the AcrAB efflux pump. 44. Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington, November 2004, abstr.

Bohnert J, Stolte J, Kern WV. *E.coli* in vitro and in vivo mutant isolates displaying a multiple antibiotic resistance phenotype after selection with fluoroquinolones: microarray analysis. 44. Interscience Conference for Antimicrobial Agents and Chemotherapy, Washington, November 2004, abstr.

2003

Bauer TM, de With K, Eppinger S, Huzly D, Wagner D, Kern WV: Nosokomiale Übertragung von Dengue-Fieber. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, 2003, abstr. P96. *Infection* 31 (2003) (Suppl. 1) 117.

Bauer TM, Wagner D, Steib-Bauert M, Schuler C, Cankaya E, Kern WV. Aufbau eines interdisziplinären infektiologischen Konsiliardienstes nach Prinzipien des Qualitätsmanagements. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, April 2003, abstr. P60. *Infection* 31 (2003) (Suppl 1) 101.

Bauer TM, Weber KM, Baier P, Heep M, Serr A, Schwacha H, Pelz K, Kist M, Blum HE: Wundinfektionen nach Anlage einer Perkutanen Endoskopischen Gastrostomie (PEG)-Sonde. Eine interdisziplinäre Studie. 7. Kongress für Infektionskrankheiten, Berlin, 2003, abstr. P40. *Infection* 31 (2003) (Suppl. 1) 94.

Bohnert JA, Steinke P, Kern WV. Etablierung eines Ethidiumbromideeffluxassays zur schnellen phänotypischen Charakterisierung effluxvermittelter Multiantibiotikaresistenz bei *Escherichia coli* unter Benutzung des Effluxpumpeninhibitors Naphthylmethylpiperazin (NMP). 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, 2003, abstr. P128. *Infection* 31 (2003) (Suppl. 1) 129.

Bohnert JA, Steinke P, Kern WV. Untersuchungen zur Reversibilität von Multiantibiotikaresistenz klinischer Bakterienisolate mittels Effluxpumpeninhibitoren. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, 2003, abstr. P127. *Infection* 31 (2003) (Suppl. 1) 129.

Buchheidt D, Hummel M, Schleiermacher D, Spiess B, Skladny H, Schwerdtfeger R, Cornely O, Wilhelm S, Reuter S, Kern WV, Südhoff T, Mörz H, Hehlmann R. Prospective multicenter clinical evaluation of a nested PCR assay, a LightCycler mediated PCR assay and a galactomannan ELISA for detection of invasive aspergillosis in neutropenic high risk patients. 43. Interscience Conference for Antimicrobial Agents and Chemotherapy, Chicago, September 2003, abstr. M2057.

de With K, Pelz K, Kern WV. Fallbericht: Infektiöse Endokarditis mit embolischem ischämischem Hirninfarkt verursacht durch *Rothia dentocariosa*. 7. Kongress für Infektionskrankheiten, Berlin, 2003, abstr. P61. *Infection* 31 (2003) (Suppl 1) 102.

de With K, Pelz K, Maaßen S, Pietsch J, Kern WV. Fallbericht: Diphtherie-Erkrankung mit Komplikationen in Freiburg ohne ermittelte Quelle. 7. Kongress für Infektionskrankheiten, Berlin, 2003, abstr. P60. *Infection* 31 (2003) (Suppl 1) 101.

de With K, Steib-Bauert M, Kern WV, für die INTERUNI-Teilnehmer der MABUSE-Projektgruppe. INTERUNI-II: Antibiotikaverbrauch in medizinischen und chirurgischen Universitätskliniken 1998 bis 2000. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, 2003, abstr. P11. *Infection* 31 (2003) (Suppl 1) 83.

Kern WV, Bohnert J. Hemmung bakterieller MDR-Effluxpumpen. 7. Kongress für Infektionskrankheiten, Berlin, 2003, abstr. S124. *Infection* 31 (2003) (Suppl 1) 39.

Kern WV, Guenther J, Schroeder H, Nink K, Meyer E, Daschner FD, de With K, Elseviers M, Ferech M, vander Stichele R, Goossens H. Consumption of antibiotics in Germany: first results of the ESAC retrospective data collection. 13. European Congress of Clinical Microbiology and Infectious Diseases, Glasgow, May 2003, abstr. P1474. *Clin Microbiol Infect* 9 (2003) (Suppl 1) 359.

Kern WV, Günther J, Nink K, de With K, Schröder H. Regionale Unterschiede im ambulanten Antibiotikaverbrauch in Deutschland. 7. Kongress für Infektionskrankheiten, Berlin, 2003, abstr. P12. *Infection* 31 (2003) (Suppl 1) 83.

Kern WV, Hüttner S, Holl M, Bunjes D, Kern P, Reuter S. Erfahrungen mit hochdosiertem (5-7 mg/kg Körpergewicht täglich), liposamalem Amphotericin B bei gesicherter oder wahrscheinlicher invasiver Aspergillose. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, 2003, abstr. OP24. *Infection* 31 (2003) (Suppl 1) 66.

Kern WV. Struktur, Infektiologie Universität Freiburg. 7. Kongress für Infektionskrankheiten, Berlin, 2003, abstr. S121. *Infection* 31 (Suppl 1) 38.

Osthof M, Schumacher A, Bohnert J, Jonas D, Kern WV. Impact of the efflux pump inhibitor model substance Phe-Arg- β -naphthylamide on antimicrobial resistance in clinical isolates of *Pseudomonas aeruginosa*. 5th European Congress of Chemotherapy and Infection; Rhodes Island, October 2003, abstr. Sun172.

Wagner D, Maser J, Bermudez LE, Kern WV. Kationentransport und Mykobakterienvirulenz. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, 2003, abstr. S125. *Infection* 31 (2003) (Suppl 1) 40.

Wagner D, Maser J, Moric I, Boechat N, Vogt S, Reyrat JM, Lay B, Gicquel B, Bermudez LE. Change of the phagosomal elemental concentrations by MRAMP in *Mycobacterium tuberculosis*. 43. Interscience Conference for Antimicrobial Agents and Chemotherapy, Chicago, September 2003, abstr.

Wagner D, Serr A, Bauer TM, Kist M, Kern WV. Reisediarrhoe durch *Helicobacter pullorum*: Ein Fallbericht. 7. Kongress für Infektionskrankheiten und Tropenmedizin, Berlin, Februar 2003, abstr. P160. *Infection* 31 (2003) (Suppl 1) 141.

2002

Bohnert J, Steinke P, Kern WV. Arylpiperazines are capable of reversing multidrug resistance in RND efflux pump overexpressed *Enterobacteriaceae*. 42. Interscience Conference for Antimicrobial Agents and Chemotherapy, San Diego, September 2002, abstr. F-729.

de With K, Gonnermann C, Kern WV: Trends in antimicrobial drug use at a German university hospital between 1992 and 1999. 6. Kongress für Infektionskrankheiten und Tropenmedizin. *Infection* 29 (2002) (Suppl 1) 72.

Frank U, Kleissle EM, Daschner F, de With K, Leibovici L, Paul M, Andreassen S, Schonheyder HC, Fadda C, Tacconelli E: Antimicrobial Susceptibility Patterns of Bacteremic Isolates from University Hospitals in Denmark, Germany, Italy and Israel. 42. Interscience Conference for Antimicrobial Agents and Chemotherapy, San Diego, September 2002, abstr.

Kern WV. Febrile neutropenia: evaluating individual patient risk and approaches for selecting treatment. 42. Interscience Conference for Antimicrobial Agents and Chemotherapy, San Diego, September 2002, abstr. 1014.

Kern WV. New developments in the field of infection in neutropenia: all cancer patients are not the same. 1st National Congress of the Italian Society of Infectious and Tropical Diseases, Cernobbio, October 2002. *Giornale Italiano di Malattie Infettive* 8 (2002) (Suppl 1) S55.

Maser J, Wagner D, Lai B, Cai Z, Legnini D, Moric L, Bermudez LE: Trace metals and their relation to bacterial infections studied by x-ray microscopy. 7th International Conference on X-Ray Microscopy, ESRF, Grenoble, France, 2002.

Wagner D, Maser J, Lai B, Cai Z, Bermudez LE: Analysis of the iron concentration of mycobacterium avium-containing phagosomes upon activation with IFN- γ and TNF- α . 42. Interscience Conference for Antimicrobial Agents and Chemotherapy, San Diego, September 2002, abstr. B510.