Forschungsverbund RESET

ESBL und (Fluor)chinolon Resistenz in *Enterobacteriaceae*

Publikationsliste / Peer reviewed publications

Nennung von "RESET" oder Förderkennzeichen in der Publikation (n=67)

2017

1. Guenther S, Falgenhauer L, Semmler T, Imirzalioglu C, Chakraborty T, Roesler U, Roschanski N. Environmental emission of multiresistant *Escherichia coli* carrying the colistin resistance gene *mcr-1* from German swine farms. Journal of Antimicrobial Chemotherapy. 2017; doi: 10.1093/jac/dkw585.
2. Falgenhauer L, Ghosh H, Guerra B, Yao Y, Fritzenwanker M, Fischer J, Helmuth R, Imirzalioglu C, Chakraborty T. Comparative genome analysis of IncHI2 VIM-1 carbapenemase-encoding plasmids of *Escherichia coli* and *Salmonella enterica* isolated from a livestock farm in Germany. Veterinary Microbiology. 2017; 200: 114-7.
3. Fischer J, Hille K, Ruddat I, Mellmann A, Köck R, Kreienbrock L. Simultaneous occurrence of MRSA and ESBL-producing Enterobacteriaceae on pig farms and in nasal and stool samples from farmers. Veterinary Microbiology. 2017; 200: 107-13.
4. Freitag C, Michael GB, Kadlec K, Hassel M, Schwarz S. Detection of plasmid-borne extended-spectrum β-lactamase (ESBL) genes in *Escherichia coli* isolates from bovine mastitis. Veterinary Microbiology. 2017; 200: 151-6.
5. Michael GB, Kaspar H, Siqueira AK, de Freitas Costa E, Corbellini LG, Kadlec K, Schwarz S. Extended-spectrum β-lactamase (ESBL)-producing Escherichia coli isolates collected from diseased food-producing animals in the GERM-Vet monitoring program 2008–2014. Veterinary Microbiology. 2017; 200: 142-50.
6. Pietsch M, Eller C, Wendt C, Holfelder M, Falgenhauer L, Fruth A, Grössl T, Leistner R, Valenza G, Werner G, Pfeifer Y. Molecular characterisation of extended-spectrum β-lactamase (ESBL)-producing Escherichia coli isolates from hospital and ambulatory patients in Germany. Veterinary Microbiology. 2017; 200: 130-7.
7. Roschanski N, Friese A, von Salviati- Claudius C, Hering J, Kaesbohrer A, Kreienbrock L, Roesler U. Prevalence of carbapenemase producing *Enterobacteriaceae* isolated from German pig-fattening farms during the years 2011–2013. Veterinary Microbiology. 2017; 200: 124-9.

2016

1. Denkel LA, Gastmeier P, Leistner R. The association of ESBL-producing *Enterobacteriaceae* (ESBL-E) carriage in humans with pigs. Epidemiology & Infection. 2016; 144 (04):691-2.
2. Falgenhauer L, Imirzalioglu C, Ghosh H, Gwozdzinski K, Schmiedel J, Gentil K, Bauerfeind R, Kämpfer P, Seifert H, Michael GB, Schwarz S, Pfeifer Y, Werner G, Pietsch M, Roesler U, Guerra B, Fischer J, Sharp H, Käsbohrer A, Goesmann A, Hille K, Kreienbrock L, Chakraborty T. Circulation of clonal populations of fluoroquinolone-resistant CTX-M-15-producing *Escherichia coli* ST410 in humans and animals in Germany. International Journal of Antimicrobial Agents. 2016a; 47 (6):457-65.

3. Falgenhauer L, Waezsada S-E, Gwozdzinski K, Ghosh H, Doijad S, Bunk B, Spröer C, Imirzalioglu C, Seifert H, Irrgang A, Fischer J, Guerra B, Käsbohrer A, Overmann J, Goesmann A, Chakraborty T. Chromosomal Locations of *mcr-1* and *bla*$_{CTX-M-15}$ in Fluoroquinolone-Resistant *Escherichia coli* ST410. Emerging Infectious Disease journal. 2016b; 22 (9):1689.
4. Falgenhauer L, Waezsada S-E, Yao Y, Imirzalioglu C, Käsbohrer A, Roesler U, Michael GB, Schwarz S, Werner G, Kreienbrock L, Chakraborty T, RESET consortium. Colistin resistance gene *mcr-1* in extended-spectrum beta-lactamase-producing and carbapenemase-producing Gram-negative bacteria in Germany. The Lancet Infectious Diseases. 2016c; 16 (3):282-3.
5. Fischer J, Hille K, Mellmann A, Schaumburg F, Kreienbrock L, Kock R. Low-level antimicrobial resistance of *Enterobacteriaceae* isolated from the nares of pig-exposed persons. Epidemiology & Infection. 2016; 144 (04):686-90.
6. Ghosh H, Doijad S, Bunk B, Falgenhauer L, Yao Y, Spröer C, Gentil K, Schmiedel J, Imirzalioglu C, Overmann J, Chakraborty T. Detection of translocatable units in a *bla*$_{CTX-M-15}$ extended-spectrum β-lactamase-producing ST131 *Escherichia coli* isolate using a hybrid sequencing approach. International Journal of Antimicrobial Agents. 2016; 47 (3):245-7.
7. Hering J, Frömke C, von Münchhausen C, Hartmann M, Schneider B, Friese A, Rösler U, Kreienbrock L, Hille K. Cefotaxime-resistant *Escherichia coli* in broiler farms—A cross-sectional investigation in Germany. Preventive Veterinary Medicine. 2016; 125:154-7.
8. Irrgang A, Roschanski N, Tenhagen B-A, Grobbel M, Skladnikiewicz-Ziemer T, Thomas K, Roesler U, Käsbohrer A. Prevalence of *mcr-1* in *E. coli* from Livestock and Food in Germany, 2010–2015. PLoS ONE. 2016; 11 (7):e0159863.
9. Leistner R, Bloch A, Gastmeier P, Schwab F. *E. coli* bacteremia in comparison to *K. pneumoniae* bacteremia: influence of pathogen species and ESBL production on 7-day mortality. Antimicrobial Resistance and Infection Control. 2016; 5:37.
10. Mshana SE, Falgenhauer L, Mirambo MM, Mushi MF, Moremi N, Julius R, Seni J, Imirzalioglu C, Matee M, Chakraborty T. Predictors of *bla*$_{CTX-M-15}$ in varieties of *Escherichia coli* genotypes from humans in community settings in Mwanza, Tanzania. BMC Infectious Diseases. 2016; 16 (1):187.
11. Ojo OE, Schwarz S, Michael GB. Detection and characterization of extended-spectrum β-lactamase-producing *Escherichia coli* from chicken production chains in Nigeria. Veterinary Microbiology. 2016; 194:62-8.
12. Roschanski N, Friese A, Thieck M, Roesler U. Follow-up investigation of the first VIM-1-positive pig farm in Germany—how is the situation 4 years after the first detection? Clinical Microbiology and Infection. 2016; 22 (11): 951-3.
13. Sakellariou C, Gürntke S, Steinmetz I, Kohler C, Pfeifer Y, Gastmeier P, Schwab F, Kola A, Deja M, Leistner R. Sepsis Caused by Extended-Spectrum Beta-Lactamase (ESBL)-Positive *K. pneumoniae* and *E. coli*: Comparison of Severity of Sepsis, Delay of Anti-Infective Therapy and ESBL Genotype. PLoS ONE. 2016; 11 (7):e0158039.

14. Seni J, Falgenhauer L, Simeo N, Mirambo MM, Imirzalioglu C, Matee M, Rweyemamu M, Chakraborty T, Mshana SE. Multiple ESBL-producing *Escherichia coli* sequence types carrying quinolone and aminoglycoside resistance genes circulating in companion and domestic farm animals in Mwanza, Tanzania, harbor commonly occurring plasmids. Frontiers in Microbiology. 2016; 7 eCollection.
15. Siqueira AK, Michael GB, Domingos DF, Ferraz MMG, Ribeiro MG, Schwarz S, Leite DS. Diversity of class 1 and 2 integrons detected in *Escherichia coli* isolates from diseased and apparently healthy dogs. Veterinary Microbiology. 2016; 194:79-83.

2015

1. Beyer A, Baumann S, Scherz G, Stahl J, von Bergen M, Friese A, Roesler U, Kietzmann M, Honscha W. Effects of ceftiofur treatment on the susceptibility of commensal porcine *E. coli* – comparison between treated and untreated animals housed in the same stable. BMC Veterinary Research. 2015; 11 (1):1-13.
2. Haller S, Eller C, Hermes J, Kaase M, Steglich M, Radonić A, Dabrowski PW, Nitsche A, Pfeifer Y, Werner G, Wunderle W, Velasco E, Abu Sin M, Eckmanns T, Nübel U. What caused the outbreak of ESBL-producing *Klebsiella pneumoniae* in a neonatal intensive care unit, Germany 2009 to 2012? Reconstructing transmission with epidemiological analysis and whole-genome sequencing. BMJ Open. 2015; 5 (5).
3. Käsbohrer A. Ecology of antimicrobial resistance. Der Internist. 2015; 56 (11):1233-45.
4. Michael GB, Freitag C, Wendlandt S, Eidam C, Feßler AT, Lopes GV, Kadlec K, Schwarz S. Emerging issues in antimicrobial resistance of bacteria from food-producing animals. Future Microbiology. 2015; 10 (3):427-43.
5. Mshana SE, Fritzenwanker M, Falgenhauer L, Domann E, Hain T, Chakraborty T, Imirzalioglu C. Molecular epidemiology and characterization of an outbreak causing *Klebsiella pneumoniae* clone carrying chromosomally located $bla_{\text{CTX-M-15}}$ at a German University-Hospital. BMC Microbiology. 2015; 15 (1):1-6.
6. von Salviati C, Laube H, Guerra B, Roesler U, Friese A. Emission of ESBL/AmpC-producing *Escherichia coli* from pig fattening farms to surrounding areas. Veterinary Microbiology. 2015; 175 (1):77-84.

2014

1. Eller C, Leistner R, Guerra B, Fischer J, Wendt C, Rabsch W, Werner G, Pfeifer Y. Emergence of extended-spectrum β-lactamase (ESBL) CTX-M-8 in Germany. Journal of Antimicrobial Chemotherapy. 2014; 69 (2):562-4.
2. Falgenhauer L, Schmiedel J, Ghosh H, Fritzenwanker M, Yao Y, Bauerfeind R, Imirzalioglu C, Chakraborty T. Resistance plasmids in ESBL-encoding *Escherichia coli* isolates from humans, dogs and cats. Berl Munch Tierarztl Wochenschr. 2014a; 127 (11/12):458–63.

3. Falgenhauer L, Yao Y, Fritzenwanker M, Schmiedel J, Imirzalioglu C, Chakraborty T. Complete genome sequence of phage-like plasmid pECOH89, encoding CTX-M-15. Genome Announcements. 2014b; 2 (2).
4. Fischer J, Rodríguez I, Baumann B, Guiral E, Beutin L, Schroeter A, Kaesbohrer A, Pfeifer Y, Helmuth R, Guerra B. *bla*$_{CTX-M-15}$-carrying *Escherichia coli* and Salmonella isolates from livestock and food in Germany. Journal of Antimicrobial Chemotherapy. 2014; 69 (11):2951-8.
5. Guerra B, Fischer J, Helmuth R. An emerging public health problem: Acquired carbapenemase-producing microorganisms are present in food-producing animals, their environment, companion animals and wild birds. Veterinary Microbiology. 2014; 171 (3–4):290-7.
6. Hering J, Hille K, Frömke C, von Münchhausen C, Hartmann M, Schneider B, Friese A, Roesler U, Merle R, Kreienbrock L. Prevalence and potential risk factors for the occurrence of cefotaxime resistant *Escherichia coli* in German fattening pig farms—A cross-sectional study. Preventive Veterinary Medicine. 2014; 116 (1–2):129-37.
7. Hille K, Fischer J, Falgenhauer L, Sharp H, Michael GB, Kadlec K, Friese A, Schwarz S, Imirzalioglu C, Kietzmann M, von Münchhausen C, Kreienbrock L. Zum Vorkommen von Extended-Spektrum- und AmpC-Beta-Laktamase-produzierenden *Escherichia coli* in Nutztierbeständen: Ergebnisse ausgewählter europäischer Studien. Berl Munch Tierarztl Wochenschr. 2014; 127 (9/10):403-11.
8. Janusch F, Scherz G, Mohring SAI, Hamscher G. Determination of fluoroquinolones in chicken feces – A new liquid–liquid extraction method combined with LC–MS/MS. Environmental Toxicology and Pharmacology. 2014a; 38 (3):792-9.
9. Janusch F, Scherz G, Mohring SAI, Hamscher G. Mögliche Risiken des Fluorchinolon-Einsatzes in der Geflügel-Produktion. Deutsche Lebensmittel-Rundschau. 2014b; 2014/6:262-6.
10. Janusch F, Scherz G, Mohring SAI, Stahl J, Hamscher G. Comparison of different solid-phase extraction materials for the determination of fluoroquinolones in chicken plasma by LC-MS/MS. Journal of Chromatography B. 2014c; 951–952 (0):149-56.
11. Laube H, Friese A, von Salviati C, Guerra B, Rösler U. Transmission of ESBL/AmpC-producing *Escherichia coli* from broiler chicken farms to surrounding areas. Veterinary Microbiology. 2014; 172 (3–4):519-27.
12. Leistner R, Sakellariou C, Gürntke S, Kola A, Steinmetz I, Kohler C, Pfeifer Y, Eller C, Gastmeier P, Schwab F. Mortality and molecular epidemiology associated with extended-spectrum β-lactamase production in *Escherichia coli* from bloodstream infection. Infection and drug resistance. 2014; 13 (7):57-62.
13. Michael GB, Freitag C, Feßler AT, Wendlandt S, Eidam C, Entorf M, Volz Lopes G, Riesenberg A, Blodkamp S, Schwarz S, Kadlec K. Antimikrobielle Resistenz, ESBL und MRSA - Definition und Labordiagnose. Berl Munch Tierarztl Wochenschr. 2014; 127 (9/10):339-48.
14. Mushi M, Mshana S, Imirzalioglu C, Bwanga F. Carbapenemase genes among multidrug resistant gram negative clinical isolates from a tertiary hospital in Mwanza, Tanzania. BioMed Research International. 2014; 204:Article ID 303104.

15. Roschanski N, Fischer J, Guerra B, Roesler U. Development of a multiplex real-time PCR for the rapid detection of the predominant beta-lactamase genes CTX-M, SHV, TEM and CIT-type AmpCs in *Enterobacteriaceae*. PLoS ONE. 2014; 9 (7):e100956.
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19. Valentin L, Sharp H, Hille K, Seibt U, Fischer J, Pfeifer Y, Michael GB, Nickel S, Schmiedel J, Falgenhauer L, Friese A, Bauerfeind R, Roesler U, Imirzalioglu C, Chakraborty T, Helmuth R, Valenza G, Werner G, Schwarz S, Guerra B, Appel B, Kreienbrock L, Käsbohrer A. Subgrouping of ESBL-producing *Escherichia coli* from animal and human sources: An approach to quantify the distribution of ESBL types between different reservoirs. International Journal of Medical Microbiology. 2014; 304 (7):805-16.
20. Valenza G, Nickel S, Pfeifer Y, Eller C, Krupa E, Lehner-Reindl V, Höller C. Extended-spectrum-β-lactamase-producing *Escherichia coli* as intestinal colonizers in the German community. Antimicrobial Agents and Chemotherapy. 2014; 58 (2):1228-30.
21. von Salviati C, Friese A, Roschanski N, Laube H, Guerra B, Käsbohrer A, Kreienbrock L, Roesler U. Extended-spectrum- beta-Lactamases (ESBL)/AmpC beta-lactamases-producing *Escherichia coli* in German fattening pig farms: a longitudinal study. Berl Munch Tierarztl Wochenschr. 2014; 127 (9/10):412-9.

2013

1. Eller C, Simon S, Miller T, Frick J-S, Prager R, Rabsch W, Guerra B, Werner G, Pfeifer Y. Presence of β-lactamases in extended-spectrum-cephalosporin-resistant *Salmonella enterica* of 30 different serovars in Germany 2005–11. Journal of Antimicrobial Chemotherapy. 2013; 68 (9):1978-81.
2. Fischer J, Rodríguez I, Schmoger S, Friese A, Roesler U, Helmuth R, Guerra B. *Salmonella enterica* subsp. enterica producing VIM-1 carbapenemase isolated from livestock farms. Journal of Antimicrobial Chemotherapy. 2013; 68 (2):478-80.
3. Friese A, Schulz J, Laube H. Faecal occurrence and emissions of livestock-associated methicillin-resistant *Staphylococcus aureus* (laMRSA) and ESBL/AmpC-producing *E. coli* from animal farms in Germany. Berl Münch Tierärztl Wochenschr. 2013; 126 (3-4):175-80.
4. Laube H, Friese A, von Salviati C, Guerra B, Käsbohrer A, Kreienbrock L, Roesler U. Longitudinal monitoring of extended-spectrum-beta-lactamase/AmpC-producing *Escherichia coli* at German broiler chicken fattening farms. Applied and Environmental Microbiology. 2013; 79 (16):4815-20.

5. Leistner R, Meyer E, Gastmeier P, Pfeifer Y, Eller C, Dem P, Schwab F. Risk factors associated with the community-acquired colonization of extended-spectrum beta-lactamase (ESBL) positive *Escherichia coli.* An exploratory case-control study. PLoS ONE. 2013; 8 (9):e74323.
6. Mshana SE, Hain T, Domann E, Lyamuya EF, Chakraborty T, Imirzalioglu C. Predominance of *Klebsiella pneumoniae* ST14 carrying CTX-M-15 causing neonatal sepsis in Tanzania. BMC Infectious Diseases. 2013; 13 (1):466.
7. Pfeifer Y, Eller C, Leistner R, Valenza G, Nickel S, Guerra B, Fischer J, Werner G. ESBL-Bildner als Infektionserreger beim Menschen und die Frage nach dem zoonotischen Reservoir. Hygiene & Medizin. 2013; 38 (7/8):294–9.
8. Schink A-K, Kadlec K, Kaspar H, Mankertz J, Schwarz S. Analysis of extended-spectrum-β-lactamase-producing *Escherichia coli* isolates collected in the Germ-Vet monitoring programme. Journal of Antimicrobial Chemotherapy. 2013; 68 (8):1741-9.
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2012

1. Fischer J, Rodríguez I, Schmoger S, Friese A, Roesler U, Helmuth R, Guerra B. *Escherichia coli* producing VIM-1 carbapenemase isolated on a pig farm. Journal of Antimicrobial Chemotherapy. 2012; 67 (7):1793-5.
2. Künne C, Billion A, Mshana SE, Schmiedel J, Domann E, Hossain H, Hain T, Imirzalioglu C, Chakraborty T. Complete sequences of plasmids from the hemolytic-iremic syndrome-associated *Escherichia coli* strain HUSEC41. Journal of Bacteriology. 2012; 194 (2):532-3.
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2011

1. Mshana SE, Gerwing L, Minde M, Hain T, Domann E, Lyamuya E, Chakraborty T, Imirzalioglu C. Outbreak of a novel *Enterobacter* sp. carrying $bla_{\text{CTX-M-15}}$ in a neonatal unit of a tertiary care hospital in Tanzania. International Journal of Antimicrobial Agents. 2011a; 38 (3):265-9.
2. Mshana SE, Imirzalioglu C, Hain T, Domann E, Lyamuya EF, Chakraborty T. Multiple ST clonal complexes, with a predominance of ST131, of *Escherichia coli* harbouring $bla_{\text{CTX-M-15}}$ in a tertiary hospital in Tanzania. Clinical Microbiology and Infection. 2011b; 17 (8):1279-82.
3. Schink A-K, Kadlec K, Schwarz S. Analysis of $bla_{\text{CTX-M}}$-carrying plasmids from *Escherichia coli* isolates collected in the BfT-GermVet study. Applied and Environmental Microbiology. 2011; 77 (20):7142-6.

Publikationen von RESET Mitgliedern zum Thema ESBL ohne Nennung von "RESET" oder des Förderkennzeichens (n=33)

2016

1. Day MJ, Rodríguez I, van Essen-Zandbergen A, Dierikx C, Kadlec K, Schink A-K, Wu G, Chattaway MA, DoNascimento V, Wain J, Helmuth R, Guerra B, Schwarz S, Threlfall J, Woodward MJ, Coldham N, Mevius D, Woodford N. Diversity of STs, plasmids and ESBL genes among *Escherichia coli* from humans, animals and food in Germany, The Netherlands and the UK. Journal of Antimicrobial Chemotherapy. 2016; 71:1178-82.
2. Doijad S, Imirzalioglu C, Yao Y, Pati NB, Falgenhauer L, Hain T, Foesel BU, Abt B, Overmann J, Mirambo MM, Mshana SE, Chakraborty T. *Enterobacter bugandensis* sp. nov., isolated from neonatal blood. International Journal of Systematic and Evolutionary Microbiology. 2016; 66 (2):968-74.
3. Fischer J, Hille K, Mellmann A, Schaumburg F, Kreienbrock L, Köck R. The association of ESBL-producing *Enterobacteriaceae* (ESBL-E) carriage in humans with pigs – a reply. Epidemiology & Infection. 2016; 144 (04):693-4.

2015

1. Leistner R, Denkel LA, Gastmeier P, Werner G, Layer F, Pfeifer Y. Prevalence of MRSA and Gram-negative bacteria with ESBLs and carbapenemases in patients from Northern Africa at a German hospital. Journal of Antimicrobial Chemotherapy. 2015a; 70 (11):3161-4.
2. Leistner R, Schröder C, Geffers C, Breier AC, Gastmeier P, Behnke M. Regional distribution of nosocomial infections due to ESBL-positive *Enterobacteriaceae* in Germany: data from the German National Reference Center for the Surveillance of Nosocomial Infections (KISS). Clinical Microbiology and Infection. 2015b; 21 (3):255.e1-.e5.

2014

1. Denkel LA, Gastmeier P, Leistner R. Predictive factors for extended-spectrum beta-lactamase producing *Enterobacteriaceae* causing infection among intensive care unit patients with prior colonization. Infection. 2014a; 42 (5):945-6.
2. Denkel LA, Schwab F, Kola A, Leistner R, Garten L, von Weizsäcker K, Geffers C, Gastmeier P, Piening B. The mother as most important risk factor for colonization of very low birth weight (VLBW) infants with extended-spectrum β-lactamase-producing *Enterobacteriaceae* (ESBL-E). Journal of Antimicrobial Chemotherapy. 2014b; 69 (8):2230-7.
3. Gürntke S, Kohler C, Steinmetz I, Pfeifer Y, Eller C, Gastmeier P, Schwab F, Leistner R. Molecular epidemiology of extended-spectrum beta-lactamase (ESBL)-positive *Klebsiella pneumoniae* from bloodstream infections and risk factors for mortality. Journal of Infection and Chemotherapy. 2014; 20 (12):817-9.

4. Hauri A, Kaase M, Hunfeld K, Heinmüller P, Imirzalioglu C, Wichelhaus T, Fitzenberger J, Wirtz A. Results on the mandatory notification of carbapenem-resistant Gram-negative bacteria, Hesse, Germany, January 2012 – April 2013 German Medical Science Infectious Diseases. 2014; doi: 10.3205/id000012.
5. Leistner R, Gürntke S, Sakellariou C, Denkel LA, Bloch A, Gastmeier P, Schwab F. Bloodstream infection due to extended-spectrum beta-lactamase (ESBL)-positive *K. pneumoniae* and *E. coli*: an analysis of the disease burden in a large cohort. Infection. 2014a; 42 (6):991-7.
6. Leistner R, Hirsemann E, Bloch A, Gastmeier P, Geffers C. Costs and prolonged length of stay of central venous catheter-associated bloodstream infections (CVC BSI): a matched prospective cohort study. Infection. 2014b; 42 (1):31-6.
7. Maechler F, Schwab F, Geffers C, Meyer E, Leistner R, Gastmeier P. Antibiotic stewardship in Germany: a cross-sectional questionnaire survey of 355 intensive care units. Infection. 2014; 42 (1):119-25.
8. Michael G, Schink A, Kaspar H, Schwarz S, Kadlec K. In: M Kresken; J Wallmann; W Kern, editors, translator and editor GERMAP 2012 Antibiotika-Resistenz und Verbrauch: Antiinfectives Intelligence. Gesellschaft für klinisch-mikrobiologische Forschung und Kommunikation GmbH; 2014; p. 126-8.
9. Rodríguez I, Thomas K, Van Essen A, Schink AK, Day M, Chattaway M, Wu G, Mevius D, Helmuth R, Guerra B. Chromosomal location of bla_{CTX-M} genes in clinical isolates of *Escherichia coli* from Germany, The Netherlands and the UK. International Journal of Antimicrobial Agents. 2014; 43 (6):553-7.
10. Ruddat I, Kadlec K, Schwarz S, Kreienbrock L. Statistische Verfahren zur Beschreibung von phänotypischen Empfindlichkeitsdaten. Berl Munch Tierarztl Wochenschr. 2014; 127 (9/10):349-58.
11. Vossenkuhl B, Sharp H, Brandt J, Fetsch A, Käsbohrer A, Tenhagen B-A. Modeling the transmission of livestock associated methicillin-resistant *Staphylococcus aureus* along the pig slaughter line. Food Control. 2014; 39 (0):17-24.
12. Woodford N, Wareham DW, Guerra B, Teale C. Carbapenemase-producing *Enterobacteriaceae* and non-*Enterobacteriaceae* from animals and the environment: an emerging public health risk of our own making? Journal of Antimicrobial Chemotherapy. 2014; 69 (2):287-91.
13. Yao Y, Imirzalioglu C, Hain T, Kaase M, Gatermann S, Exner M, Mielke M, Hauri A, Dragneva Y, Bill R, Wendt C, Wirtz A, Domann E, Chakraborty T. Complete nucleotide sequence of a *Citrobacter freundii* plasmid carrying KPC-2 in a unique genetic environment. Genome Announcements. 2014; 2 (6):e01157-14.

2013

1. Gruber I, Heudorf U, Werner G, Pfeifer Y, Imirzalioglu C, Ackermann H, Brandt C, Besier S, Wichelhaus TA. Multidrug-resistant bacteria in geriatric clinics, nursing homes, and ambulant care – Prevalence and risk factors. International Journal of Medical Microbiology. 2013; 303 (8):405-9.

2. Hansen S, Sohr D, Piening B, Pena Diaz L, Gropmann A, Leistner R, Meyer E, Gastmeier P, Behnke M. Antibiotic usage in German hospitals: results of the second national prevalence study. Journal of Antimicrobial Chemotherapy. 2013; 68 (12):2934-9.
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Nachwuchsförderung / Preisträger

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