

# Publikationen

## Wissenschaftliche Veröffentlichungen in

### referierten Zeitschriften

#### 2019

1. Desvars-Larrive A, Ruppitsch W, Lepuschitz S, Szostak MP, Spargser J, **Feßler AT**, Schwarz S, Monecke S, Ehricht R, Walzer C, Loncaric I. 1. Urban brown rats (*Rattus norvegicus*) as possible source of multidrug-resistant Enterobacteriaceae and methicillin-resistant *Staphylococcus* spp., Vienna, Austria, 2016 and 2017. *Euro Surveill.* 2019 Aug;24(32).
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## Buchbeiträge

### 2018

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5. Schwarz S, Shen J, Wendlandt S, **Feßler AT**, Wang Y, Kadlec K, Wu C: 2015. Plasmid-mediated Antimicrobial Resistance in Staphylococci and other Firmicutes. In: Tolmasky M (ed.) Plasmids: Biology and Impact in Biotechnology and Discovery, ASM Press, Washington DC. Print ISBN: 9781555818975; e-ISBN: 9781555818982, pp. 421-444.
6. Kadlec K, Wendlandt S, Feßler AT, **Schwarz S**: 2015. Methods for the Detection of Antimicrobial Resistance and the Characterization of *Staphylococcus aureus* Isolates from Food-Producing Animals and Food of Animal Origin. In: Chen, C-Y., Yan, X., & Jackson, C. (eds.) Antimicrobial Resistance and Food Safety, Elsevier. ISBN: 978-0-12-8012147, pp. 207-232.

## Vorträge

### 2018

1. Eichhorn I\*, Feudi C, **Feßler AT**, Michael GB, Wang Y, Kaspar H, Lübke-Becker A, Shen J, Schwarz S. Identification of new *mcr-3* colistin resistance gene variants in *Aeromonas* spp. of animal origin from Germany. National Symposium on Zoonoses Research Berlin – 17.10.-19.10.2018.
2. **Feßler AT\***, Schwarz S. Erarbeitung von Cefoperazon Qualitätskontrollbereichen und Grenzwertvorschlägen für bovine Mastitiserreger. Wissenschaftliche Tagung der Arbeitsgruppe Sachverständigenausschuss „Subklinische Mastitis“, Berlin (2018)

### 2017

3. **Feßler AT\***, Schwarz S. Phänotypische und molekulare Empfindlichkeitsprüfung von bovinen Mastitiserregern. Qiagen Vet Days 2017 – Mastitisiagnostik, Leipzig, Germany (2017)
4. **Feßler AT\***, Geber F, Schug A, Meurer M, Hensel V, Speck S, Reinhardt M, Michael GB, Truyen U, Schwarz S. Biocide susceptibility testing – development of a new testing method. 7<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Braunschweig, Germany (2017)
5. Langer MN, Blodkamp S, Bayerbach M, **Feßler A**, de Buhr N, Gutschmann T, Kreienbrock L, Schwarz S, von Köckritz-Blickwede M\*. Testing the susceptibility of bacterial mastitis isolates to host defense peptides: technical challenges and data output for clinical isolates. 7<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Braunschweig, Germany (2017)
6. Monecke S\*; Cortez de Jäckel S; **Feßler AT**; Frank M; Gawlik D; Hotzel H; Jatzwauk L; Loncaric I, Müller E; Reissig A; Ruppelt-Lorz A; Schwarz S; Schlotter K; Slickers P; Thürmer A; Ehricht R. Variability of SCC*mec* elements in livestock-associated CC398 MRSA. 7<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Braunschweig, Germany (2017)
7. Oberheitmann B\*, Seidel C, Peters S, Eschbach E, **Feßler AT**, Schwarz S. Development of diagnostic kits for selected markers of resistance, virulence and zoonotic transmission among methicillin-resistant *Staphylococcus aureus*. RESET & MedVet-Staph -Final Scientific Symposium, 26 – 28 April 2017, Berlin, Germany
8. Schoenfelder SMK\*, Dong Y, **Feßler AT**, Schwarz S, Schoen C, Köck R, Ziebuhr W. Antibiotic resistance profiles of coagulase-negative staphylococci in livestock environments. RESET & MedVet-Staph -Final Scientific Symposium, 26 – 28 April 2017, Berlin, Germany

9. Schwarz S\*, Kadlec K, **Feßler AT**, Wendlandt S, Wang Y, Shen J, Wu C. Novel antimicrobial resistance genes among staphylococci in livestock environments. RESET & MedVet-Staph -Final Scientific Symposium, 26 – 28 April 2017, Berlin, Germany
10. Witte W\*, **Feßler AT**, Schwarz S, Layer F, Mehraj J, Hermes J, Cuny C. Occurrence of *cfr*-encoded linezolid resistance in coagulase-negative staphylococci from livestock and exposed humans. RESET & MedVet-Staph - Final Scientific Symposium, 26 – 28 April 2017, Berlin, Germany

## 2016

11. **Feßler A\***, Geber F, Meurer M, Hensel V, Speck S, Reinhardt M, Michael GB, Truyen U, Schwarz S. Harmonisation of biocide susceptibility testing of bacteria. National Symposium on Zoonoses Research 2016, Berlin, Germany (2016)

## 2015

12. Entorf M, **Feßler AT\***, Kadlec K, Kaspar H, Peters T, Schwarz S. Tylosin susceptibility testing of *Streptococci* from cases of bovine mastitis. 6<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2015)
13. **Feßler AT\***, Kadlec K, Michael GB, Schwarz S. Horizontaler Gentransfer und seine Bedeutung für die Resistenzausbreitung. BfR-Symposium Antibiotikaresistenz in der Lebensmittelkette, Berlin, Germany (2015)
14. Riesenberg A\*, Werckenthin C, **Feßler AT**, Frömke C, Kaspar H, Kreienbrock L, Schwarz S. Erarbeitung standardisierter Verfahren zur Empfindlichkeitsbestimmung von *Rhodococcus equi*, *Trueperella pyogenes* und *Arcobacter* sp. 34. Arbeits- und Fortbildungstagung der FG AVID „Bakteriologie“. Kloster Banz/Bad Staffelstein, Germany (2015)
15. Wang Y\*, Schwarz S, He T, **Feßler AT**, Wu C, Shen J: 2015. A novel gene, *optrA*, that confers transferable resistance to oxazolidinones and phenicols and its presence in *Enterococcus faecalis* and *Enterococcus faecium* of human and animal origin. 6<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2015)
16. Wendlandt S\*, Kadlec K, **Feßler AT**, Schwarz S. Identification of the novel pleuromutilin-lincosamide-streptogramin A resistance gene *Isa(E)* in bovine *S. aureus* and CoNS. 4<sup>th</sup> ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans and the Environment, Washington DC, USA (2015)

17. Wendlandt S, Kadlec K, **Feßler AT**, Schwarz S\*. New antimicrobial resistance genes in MRSA and other staphylococci of animal origin. Annual Meeting der Australian Society for Microbiology. Canberra, Australia (2015)
18. Wendlandt S, Kadlec K, **Feßler AT**, Schwarz S\*. New antimicrobial resistance genes in MRSA and other staphylococci of animal origin. Eingeladener Vortrag, Monash University in Melbourne, Australia.
19. Wendlandt S, Kadlec K, **Feßler AT**, Schwarz S\*. Novel antimicrobial resistance genes identified in methicillin-resistant staphylococci of animal origin. Eingeladener Vortrag am 21.01.2015 im Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences (CAAS), Harbin, China (2015)
20. Wendlandt S, Kadlec K, **Feßler AT**, Schwarz S\*. Novel antimicrobial resistance genes in livestock-associated methicillin-resistant *Staphylococcus aureus* and other staphylococci from humans, animals and food of animal origin. Eingeladener Vortrag am 09.03.2015 im Department Medical Microbiology and Infection Prevention, University Medical Center Groningen, Groningen, The Netherlands (2015)

## 2014

21. Entorf M\*, **Feßler AT**, Kaspar H, Kadlec K, Peters T, Mankertz J, Schwarz S: 2014. Phenotypic and genotypic analysis of tylosin resistance among staphylococci and streptococci from cases of bovine mastitis. Junior Scientist - Symposium FLI, Neustadt (2014)
22. Wendlandt S, **Feßler AT**, Kadlec K, Schwarz S\*. Novel antimicrobial resistance genes in staphylococci. Biochemisches Kolloquium, Hamburg.
23. Wendlandt S\*, **Feßler AT**, Kadlec K, van Duijkeren E, Schwarz S. Identification of spectinomycin resistance encoded by the gene *spd* in different plasmid backgrounds among MRSA and MSSA. Junior Scientist Zoonoses Meeting, Hannover (2014)
24. Wendlandt S, **Feßler AT**, Kadlec K, Schwarz S\*. Novel antimicrobial resistance genes in staphylococci. Invited lecture at the Chinese Agricultural University, Beijing, China (2014)
25. Wendlandt S, **Feßler AT**, Kadlec K, Schwarz S\*. Novel antimicrobial resistance genes in staphylococci. UCD seminar "Antimicrobial Resistance: A Whole Food Chain Approach", Dublin (2014)

## 2013

26. Buß M\*, Turnidge J, **Feßler AT**, Peters T, Schwarz S. Proposal for quality control ranges of *Staphylococcus aureus* ATCC® 25923 for agar disk diffusion

- using 15 µg and 30 µg tylosin disks. Junior Scientist – Symposium Friedrich-Loeffler-Institut 2013, Jena (2013)
27. Kadlec K, Wendlandt S, **Feßler AT**, Schwarz S\*. The role of plasmids in antimicrobial (multi)resistance of livestock-associated methicillin-resistant *Staphylococcus aureus*. 3<sup>rd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Copenhagen, Denmark (2013)
  28. Weiss S\*, Kadlec K, **Feßler AT**, Schwarz S. Molecular typing of coagulase-negative methicillin-resistant staphylococci. Junior Scientist – Symposium Friedrich-Loeffler-Institut 2013 in Jena (2013)
  29. Wendlandt S\*, Ho J, Kadlec K, **Feßler AT**, Ehricht R, Monecke S, O'Donoghue M, Boost M Schwarz S: 2013. Analysis of the genetic context of the lincosamide-pleuromutilin-streptogramin A resistance gene *lsa(E)* in methicillin-resistant *Staphylococcus aureus* of human, animal and food origin using overlapping PCR-assays. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Ghent, Belgium (2013)
  30. Wendlandt S, Volz-Lopez G, Brenner-Michael G, **Feßler AT**, Kadlec K, Schwarz S\*. Emerging issues in antibiotic resistance of pathogens in food production chains. 5<sup>th</sup> Congress of European Microbiologists (FEMS), Leipzig (2013)

## 2012

31. Billerbeck C\*, **Feßler AT**, Kaspar H, Römer A, Mankertz J, Kadlec K, Schwarz S. Analysis of MRSA from cattle and poultry detected in the GERM-Vet program 2008-2009 Junior Scientist – Symposium Friedrich-Loeffler-Institut, Vilm (2012)
32. **Feßler AT**, Wendlandt S, Ruppelt A, Kadlec K, Hassel M, Cortez de Jäckel S, Hauschild T, Monecke S, Slickers P, Ehricht R, Schwarz S\*. Methicillin-resistant *Staphylococcus aureus* (MRSA) from poultry and food of poultry origin: molecular characterization and antimicrobial resistance. Keynote-Lecture, 24<sup>th</sup> World's Poultry Congress, Salvador, Brazil (2012)
33. Gómez-Sanz E\*, Kadlec K, **Feßler AT**, Zarazaga M, Torres C, Schwarz S. Analysis of a novel chromosome integrative *erm(T)*- and *cadDX*-carrying plasmid from methicillin-susceptible *Staphylococcus aureus* ST398-t571 of Human Origin. International Plasmid Biology Conference, Santander, Spain (2012)
34. Jung JP\*, Ballhausen B\*, Kriegeskorte A, von Müller L, Köck R, Brandt K, Schwarz S, **Feßler AT**, Walther B, Vincze S, Peters G, Herrmann M, Bischoff M, Becker K. Livestock-associated MRSA of the clonal complex 398: Characterization of infection properties. National Symposium on Zoonoses Research 2012, Berlin (2012)



35. Kadlec K, **Feßler AT**, Hauschild T, Schwarz S\*. Neue und ungewöhnliche Antibiotika-Resistenzgene bei Tier-assoziierten MRSA. „Verbraucherschutz in DART: Forschungserkenntnisse und –perspektiven zu Antibiotikaresistenzen“, Berlin (2012)
36. Kadlec K, **Feßler AT**, Hauschild T, Wendlandt S, Schwarz S\*. Vga-mediated antibiotic resistance. Symposium “Resistance in *S. aureus* beyond MecA” 52<sup>nd</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, USA, (2012)
37. Kadlec K\*, **Feßler AT**, Schwarz S: 2012. Novel and unusual antimicrobial resistance genes identified in animal associated methicillin-resistant *Staphylococcus aureus* isolates. 6<sup>th</sup> International Conference on Antimicrobial Agents in Veterinary Medicine (AAVM), Washington DC, USA (2012)
38. Kadlec K, Michael GB, **Feßler AT**, Schwarz S\*. Molecular mechanisms of antibiotic resistance. Keynote-Lecture, Max-Rubner-Conference 2012 “Antibiotics in the Food Chain”, Karlsruhe (2012)
39. Riesenberg A\*, Kadlec K, **Feßler AT**, Werckenthin C, Klarmann D, Schwarz S. Development of guidelines for the susceptibility testing of veterinary pathogens. Junior Scientist – Symposium Friedrich-Loeffler-Institut, Vilm (2012)
40. Weiß S\*, **Feßler AT**, Kadlec K, Sommer-Radschat U, Schwarz S. Characterization of methicillin-resistant staphylococci and their distribution in a small animal clinic. Junior Scientist – Symposium Friedrich-Loeffler-Institut, Vilm (2012)
41. Wendlandt S\*, Kadlec K, **Feßler AT**, Monecke S, Ehricht R, van de Giessen A, Hengeveld P, Huijsdens X, Schwarz S, van Duijkeren E. Characterization of MRSA isolates from broiler chickens at slaughter and from abattoir workers. Junior Scientist – Symposium Friedrich-Loeffler-Institut, Vilm (2012)

## 2011

42. **Feßler AT**, Kadlec K, Hassel M, Hauschild T, Eidam C, Ehricht R, Monecke S, Schwarz. S\*. Characterization of methicillin-resistant *Staphylococcus aureus* isolates from food and food products of poultry origin. Minisymposium “Antibiotic resistome in the food chain”, Jena (2011)
43. **Feßler AT\***, Kadlec K, Hassel M, Hauschild T, Eidam C, Ehricht R, Monecke S, Schwarz S. Characterization of methicillin-resistant *Staphylococcus aureus* (MRSA) from poultry meat. National Symposium on Zoonoses Research 2011, Berlin (2011)
44. **Feßler AT\***, Kadlec K, Hassel M, Hauschild T, Eidam C, Ehricht R, Monecke S, Schwarz S. Molecular analysis of methicillin-resistant *Staphylococcus aureus* (MRSA) isolates from food and food products of poultry origin. 2<sup>nd</sup> ASM-

ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Washington DC (2011)

45. Kadlec K, **Feßler AT**, Couto N, Pomba C, Schwarz S\*. Characterization of a small apramycin resistance plasmid from porcine MRSA ST398 which carries a variant of the *apmA* gene. 2<sup>nd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Washington DC (2011)

## 2010

46. **Feßler A**, Billerbeck C, Kadlec K\*, Schwarz S. Methicillin resistance among CNS from bovine mastitis: comparison of genotypic and phenotypic tests. Seminar on Coagulase-Negative Staphylococci, Ghent (2010)
47. **Feßler A\***, Scott C, Kadlec K, Ehricht R, Monecke S, Schwarz S. Analysis of bovine methicillin-resistant *Staphylococcus aureus* (MRSA) ST398 strains from cases of clinical mastitis. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Jena (2010)
48. **Feßler A\***, Scott C, Kadlec K, Ehricht R, Monecke S, Schwarz S. Characterization of methicillin-resistant *Staphylococcus aureus* (MRSA) ST398 isolates from bovine mastitis. 3<sup>rd</sup> Joint Conference of the German Society for Hygiene and Microbiology (DGHM) and the Association for General and Applied Microbiology (VAAM), Hannover (2010)
49. **Feßler A\***, Scott C, Kadlec K, Ehricht R, Monecke S, Schwarz S. Molecular characterization of methicillin-resistant *Staphylococcus aureus* ST398 from cases of bovine mastitis. 2<sup>nd</sup> ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans, and the Environment, Toronto (2010)

\* präsentierender Autor

## Poster

### 2019

1. Ji X, **Feßler AT**, Krüger H, Shen Z, Wang S, Wang Y, Schwarz S\*, Wu C\*. Whole-genome comparative analysis of porcine MRSA ST9 and ST398 isolated in China and Germany. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019)
2. Jiang N, **Feßler AT**, Krüger H, Wang Y\*, Schwarz S, Wu C. Origin and evolution of ST9 MRSA of swine origin. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019)
3. Scholtzek AD\*, Klein SDK, Stöckle SD, Eichhorn I, Walther B, **Feßler AT**, Hanke D, Gehlen H, Lübke-Becker A, Schwarz S. Characterization of equine *Staphylococcus aureus* isolates with reduced oxacillin susceptibility. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019)
4. Scholtzek AD\*, Klein SDK, Stöckle SD, Eichhorn I, Walther B, **Feßler AT**, Hanke D, Gehlen H, Lübke-Becker A, Schwarz S. Varying susceptibilities for sulfamethoxazole-trimethoprim among *Staphylococcus aureus* isolates from horse origin. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019)
5. Schug AR, **Feßler AT\***, Bartel A, Scholtzek AD, Meurer M, Brombach J, Hensel V, Schwarz S. Biocide Susceptibility Testing: Development of a Broth Microdilution Method. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019)
6. Schug AR, **Feßler AT\***, Bartel A, Scholtzek AD, Meurer M, Brombach J, Hensel V, Schwarz S. Comparison of two Established Methods for Cell Count Determination. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019)
7. Krüger H\*, Jiang N, Ji X, **Feßler AT**, Kadlec K, Shen Z, Wang S, Ehricht R, Monecke S, Wang Y, Wu C, Schwarz S. Comparison of antimicrobial resistance genes in LA-MRSA CC398 from food-producing animals in Germany. 8<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2019) (angenommen)

### 2018

8. **Feßler AT\***, Böttner A, Fehr M, Kaspar H, Kehrenberg C, Kietzmann M, Klarmann D, Peters T, Richter A, Schwarz C, Sigge C, Stephan B, Waldmann K-H, Verspohl J, Wallmann J, Werckenthin C, Schwarz S. Layout proposals for the antimicrobial susceptibility testing of target pathogen bacteria from

companion and food-producing animals. Tagung der Fachgruppe Bakteriologie und Mykologie der Deutschen Veterinärmedizinischen Gesellschaft e V. (DVG). 30.05.-01.06.2018 Hannover, Germany

9. **Feßler AT\***, Thomas P, Mühldorfer K, Grobbel M, Brombach J, Eichhorn I, Monecke S, Ehricht R, Schwarz S. *Staphylococcus aureus* from zoo and wildlife animals. 18<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Kopenhagen, Denmark (2018)
10. Feudi C\*, Eichhorn I, **Feßler AT**, Michael GB, Wang Y, Kaspar H, Lübke-Becker A, Shen J, Schwarz S. Chromosomal and plasmid-encoded *mcr-3* colistin resistance gene variants identified in *Aeromonas* spp. from Germany. American Society for Microbiology (ASM) Microbe 2018 Jun 06 – 11, 2018 Atlanta, Georgia, United States of America.
11. C Feudi\*, Eichhorn I, **Feßler AT**, Michael GB, Wang Y, Kaspar H, Lübke-Becker A, Shen J, Schwarz S. *mcr-3* gene variants identified in colistin-resistant *Aeromonas* spp. isolated from animals in Germany MedVetPATHOGENS 2018 – 8-11 October 2018, Prato, Italy
12. Jiang N, Li J, **Feßler AT**, Wang Y, Schwarz S\*, Wu C. The phylogenetic evolution of porcine MRSA in China. 18<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Kopenhagen, Denmark (2018)
13. Loncaric I\*, Misic D, Asanin J, Künzel F, Licka T, Strolz S, Korath AD, Schönhuber ME, **Feßler AT**, Schwarz S, Spergser J. Diversity of methicillin-resistant *Staphylococcus pseudintermedius* (MRSP) isolates from Austrian and Serbian companion animals and horses. Tagung der Fachgruppe Bakteriologie und Mykologie der Deutschen Veterinärmedizinischen Gesellschaft e V. (DVG). 30.05.-01.06.2018 Hannover, Germany
14. Scholtzek AD\*, Klein SDK, Stöckle S, Eichhorn I, B. Walther B, **Feßler AT**, Hanke D, Gehlen H, Lübke-Becker A, Schwarz S. Characterization of *Staphylococcus aureus* isolates with a reduced oxacillin susceptibility causing infections in equine patients of a veterinary clinic. Tagung der DVG-Fachgruppe "Bakteriologie und Mykologie". Hannover (2018)
15. Scholtzek AD\*, Klein SDK, Stöckle S, Eichhorn I, B. Walther B, **Feßler AT**, Hanke D, Gehlen H, Lübke-Becker A, Schwarz S. Characterization of clinical *Staphylococcus aureus* isolates with reduced oxacillin susceptibility from patients of an equine hospital. Junior Scientist Zoonoses Meeting (JSZM) 2018, Hamburg (2018)
16. Scholtzek AD\*, Klein SDK, Stöckle SD, Eichhorn I, Walther B, **Feßler AT**, Hanke D, Gehlen H, Lübke-Becker A, Schwarz S. Characterization of clinical equine *Staphylococcus aureus* isolates with reduced susceptibility to oxacillin. Zoonose Symposium 2018, Berlin, 17.-19.10.2018

17. Schug AR\*, **Feßler AT**, Scholtzek AD, Meurer M, Brombach J, Hensel V, Schwarz S. Development of a broth microdilution method for biocide susceptibility testing. Tagung der DVG-Fachgruppe "Bakteriologie und Mykologie". Hannover (2018)
18. Schug AR\*, **Feßler AT**, Scholtzek AD, Meurer M, Brombach J, Hensel V, Schwarz S. Biocide susceptibility testing of bacteria: Establishment of a broth microdilution method. Junior Scientist Zoonoses Meeting (JSZM) 2018, Hamburg (2018)
19. Schug AR\*, **Feßler AT**, Scholtzek AD, Meurer M, Brombach J, Hensel V, Schwarz S. Determination of biocide susceptibility: Development of a broth microdilution method. National Symposium on Zoonoses Research Berlin – 17.10.-19.10.2018.

## 2017

20. **Feßler AT\***, Schünemann R, Kadlec K, Hensel V, Brombach J, Murugaiyan J, Burgener I, Oechtering G, Schwarz S. MRSA and MRSP among employees and the environment of a small animal clinic. National Symposium on Zoonoses Research 2017, Berlin, Germany (2017)
21. Roberts MC, **Feßler AT**, Monecke S, Ehricht R, No D, Lane J, Smedley J, Schwarz S\*. Molecular characterisation of MRSA CC3286 from primates. National Symposium on Zoonoses Research 2017, Berlin, Germany (2017)
22. Thomas P, Mühlendorfer K, Grobbel M, Brombach J, **Feßler AT\***, Monecke S, Ehricht R, Schwarz S. Staphylococcus aureus from zoo animal and wildlife. 7<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Braunschweig, Germany (2017)
23. **Feßler AT\***, Schünemann R, Kadlec K, Hensel V, Brombach J, Murugaiyan J, Burgener I, Oechtering G, Schwarz S. Methicillin-resistant *Staphylococcus aureus* and methicillin-resistant *Staphylococcus pseudintermedius* from employees and the environment of a small animal clinic. 7<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Braunschweig, Germany (2017)
24. Seidel C, Elferink JW, Huhn J, Eschbach E, **Feßler AT**, Schönfeld K, Oberheitmann B, Schwarz S\*. Improved DNA extraction and purification with nanomagnetite beads facilitates highly sensitive detection of MRSA directly from swabs 7<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Braunschweig, Germany (2017)
25. **Feßler AT\***, Geber F, Meurer M, Hensel V, Speck S, Reinhardt M, Michael GB, Truyen U, Schwarz S. Development of a biocide susceptibility testing method for bacteria. RESET & MedVet-Staph -Final Scientific Symposium, 26 – 28 April 2017, Berlin, Germany

26. Li J, **Feßler AT\***, Jiang N, Fan R, Wang Y, Wu C, Shen J, Schwarz S. Rifampicin resistance in multi-resistant porcine livestock-associated methicillin-resistant *Staphylococcus aureus* from China. RESET & MedVet-Staph -Final Scientific Symposium, 26 – 28 April 2017, Berlin, Germany

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27. **Feßler AT\***, Geber F, Meurer M, Hensel V, Speck S, Reinhardt M, Michael GB, Truyen U, Schwarz S. Development of a method for biocide susceptibility testing of bacteria. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Jena (2016)
28. Li D\*, Li J, Wang Y, Schwarz S, Cai J, Fan R, **Feßler AT**, Zhang R, Wu C, Shen J. Detection of the oxazolidinone resistance gene *optrA* on a multi-resistance plasmid from *Staphylococcus sciuri*. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Jena (2016)
29. Li J\*, **Feßler AT**, Jiang N, Fan R, Wang Y, Wu C, Shen J, Schwarz S. Molecular basis of rifampicin resistance in multi-resistant porcine livestock-associated methicillin-resistant *Staphylococcus aureus*. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Jena (2016)
30. Loncaric I, Posautz A, Beiglblock C, **Feßler AT**, Hoffmann D, Walzer C, Schwarz S, Spargser J, Kübber-Heiss A\*. Multi-drug resistant *Pseudomonas aeruginosa* isolated from wildlife. 12<sup>th</sup> Conference of the European Wildlife Disease Association (EWDA), Berlin, Germany (2016)
31. Thomas P, Mühldorfer K, Brombach J, **Feßler AT\***, Schwarz S. Characterisation of *Staphylococcus aureus* isolates from wildlife and zoo animals. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Jena (2016)
32. Thomas P, Mühldorfer K, Brombach J, Grobbel M., **Feßler AT**, Schwarz S\*. Analysis of *Staphylococcus aureus* isolates from wildlife and zoo animals. National Symposium on Zoonoses Research 2016, Berlin, Germany (2016)

## 2015

33. **Feßler AT**, Zhao Q, Kadlec K, Wang Y, Michael GB, Schönfelder S, Ziebuhr W, Shen J, Schwarz S\*. Complete sequence of a plasmid from a methicillin-resistant *Staphylococcus aureus* harbouring putative virulence genes in addition to antimicrobial and heavy metal resistance genes. 67. Jahrestagung der Deutschen Gesellschaft für Hygiene und Mikrobiologie e. V. (DGHM), Münster, Germany (2015)

34. Fischer J, Mellmann A, Schwarz S, **Feßler A**, Kreienbrock L, Becker K, Köck R\*. Characterization of livestock-associated Methicillin-susceptible *Staphylococcus aureus*. National Symposium on Zoonoses Research 2015, Berlin, Germany (2015)
35. Kadlec K, **Feßler AT**, Schwarz S. Typing of Methicillin-resistant *Staphylococcus pseudintermedius* (MRSP). 4<sup>th</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Chicago, USA (2015)
36. Li J\*, **Feßler AT**, Wang Y, Lv Y, Cai J, Cui L, Hu Z, Zhang R, Zhao Q, He T, Wang D, Wang Z, Shen Y, Li Y, Wu C, Yu H, Deng X, Schwarz S, Shen J. Identification of the novel oxazolidinone/phenicol resistance gene *optrA* and its distribution in *Enterococcus faecalis* and *Enterococcus faecium* of human and animal origin. National Symposium on Zoonoses Research 2015, Berlin, Germany (2015)
37. Li J\*, **Feßler AT**, Wang Y, He T, Shen Y, Wu C, Schwarz S, Shen J. Identification of the novel oxazolidinone/phenicol resistance gene *optrA* and its distribution in *Enterococcus faecalis* and *Enterococcus faecium* of human and animal origin. 8<sup>th</sup> Graduate School Day, Bad Salzdetfurth, Germany (2015)
38. Loncaric I\*, Harrison E, Slickers P, Posautz A, Heindl M, Petrovic S, **Feßler AT**, Rosengarten R, Hoffmann D, Walzer C, Grunert T, Monecke S, Ehricht R, Schwarz S, Spargser J, Küber-Heiss A. High prevalence of *mecA*-positive methicillin-resistant *Staphylococcus aureus* (MRSA) in European hares (*Lepus europeus*) population on the German island Pellworm. 4<sup>th</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Chicago, USA (2015)
39. Loncaric I\*, Posautz A, Grunert T, Beiglböck C, **Feßler AT**, Walzer C, Monecke S, Ehricht R, Schwarz S, Spargser J, Küber-Heiss A. Methicillin-resistant (MR) staphylococci isolated from Austrian and German wildlife. 4<sup>th</sup> ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans and the Environment, Washington DC, USA (2015)
40. Riesenberg A\*, Kaspar H, **Feßler AT**, Werckenthin C, Schwarz S. Susceptibility testing of *Rhodococcus equi*: an interlaboratory test. 6<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2015)
41. Wendlandt S\*, Kadlec K, **Feßler AT**, Schwarz S. The novel pleuromutilin-lincosamide-streptogramin A resistance gene *Isa(E)* in bovine *Staphylococcus aureus* and coagulase-negative staphylococci. 6<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France (2015)

## 2014

42. Entorf M, **Feßler AT**, Turnidge J, Peters T, Schwarz S\*. Quality control criteria for cefoperazone and tylosin 30 µg disks. 7<sup>th</sup> International Conference on Antimicrobial Agents in Veterinary Medicine (AAVM), Berlin (2014)
43. Entorf M, **Feßler AT\***, Kaspar H, Kadlec K, Peters T, Mankertz J, Schwarz S. Quality control (QC) criteria for susceptibility testing using tylosin and cefoperazone 30 µg disks. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Freising. (2014)
44. Entorf M, **Feßler AT\***, Turnidge J, Peters T, Schwarz S: 2014. Tylosinresistenz bei Staphylokokken und Streptokokken aus Fällen boviner Mastitis. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Freising (2014)
45. **Feßler AT\***, Hensel V, Meurer M, Michael GB, Schwarz S. Establishing of biocide susceptibility testing of field isolates of *Staphylococcus aureus* and *Escherichia coli*. Junior Scientist - Symposium FLI, Neustadt (2014)
46. **Feßler AT\***, Zhao Q, Kadlec K, Wang Y, Ziebuhr W, Shen J, Schwarz S. Complete sequence of a plasmid from a bovine MRSA harbouring antimicrobial and heavy metal resistance genes in addition to putative virulence genes. German Symposium On Zoonoses Research 2014 and 7<sup>th</sup> International Conference On Emerging Zoonoses, Berlin (2014)
47. Riesenberg A, **Feßler AT**, Frömke C, Kadlec K, Klarmann D, Kreienbrock L, Werckenthin C, Schwarz S. A new CLSI-approved protocol for antimicrobial susceptibility testing of *Rhodococcus equi* by broth microdilution. 7<sup>th</sup> International Conference on Antimicrobial Agents in Veterinary Medicine (AAVM), Berlin (2014)
48. Riesenberg A, **Feßler AT**, Erol E, Prenger-Berninghoff E, Stamm I, Böse R, Heusinger A, Klarmann D, Werckenthin C, Schwarz S: 2014. Susceptibility of 200 *Rhodococcus equi* isolates from the United States and Europe to 32 antimicrobial agents. 7<sup>th</sup> International Conference on Antimicrobial Agents in Veterinary Medicine (AAVM), in Berlin (2014)
49. Riesenberg A, **Feßler AT**, Frömke C, Kadlec K, Klarmann D, Kreienbrock L, Werckenthin C, Schwarz S: 2014. Development of a new protocol for antimicrobial susceptibility testing of *Rhodococcus equi* by broth microdilution. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Freising (2014)
50. Riesenberg A, **Feßler AT**, Erol E, Prenger-Berninghoff E, Stamm I, Böse R, Heusinger A, Klarmann D, Werckenthin C, Schwarz S: 2014. Minimum inhibitory concentrations of 200 *Rhodococcus equi* isolates to 32 antimicrobial agents. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Freising (2014)



51. Wendlandt S, Kadlec K, **Feßler AT**, Schwarz S: 2014. Presence of the spectinomycin resistance genes *spc*, *spd* and *spw* among staphylococci from animals. 7<sup>th</sup> International Conference on Antimicrobial Agents in Veterinary Medicine (AAVM), Berlin (2014)
52. Wendlandt S, Kadlec K, **Feßler AT**, Schwarz S: 2014. Identification of the novel pleuromutilin resistance gene *lsa(E)* in bovine methicillin-resistant *Staphylococcus aureus* and coagulase-negative staphylococci. German Symposium On Zoonoses Research 2014 and 7<sup>th</sup> International Conference On Emerging Zoonoses, Berlin (2014)
53. Witte W, **Feßler AT**, Schwarz S, Cuny C: 2014. Cfr-mediated transferable antibiotic resistance in coagulase-negative staphylococci from nasal colonization of humans with occupational exposure to livestock. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Freising (2014)
54. Witte W, **Feßler AT**, Schwarz S, Cuny C: 2014. Cfr-mediated transferable antibiotic resistance in coagulase-negative staphylococci from nasal colonization of humans with occupational exposure to livestock. German Symposium On Zoonoses Research 2014 and 7<sup>th</sup> International Conference On Emerging Zoonoses, Berlin (2014)

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56. Buß M\*, **Feßler AT**, Kadlec K, Kaspar H, Mankertz J, Peters T, Schwarz S. Vergleichende Analyse von Tylosin-Hemmhofdurchmessern und minimalen Hemmkonzentrationen von Staphylokokken aus boviner Mastitis. 4. Tagung der Deutschen buiatrischen Gesellschaft, Berlin (2013)
57. Buß M, **Feßler AT**, Turnidge J, Peters T, Schwarz S\*. Proposal for quality control ranges of *Staphylococcus aureus* ATCC® 25923 for agar disk diffusion using 15 µg and 30 µg tylosin disks. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Ghent, Belgium (2013)
58. Buß M, **Feßler AT**, Turnidge J, Peters T, Schwarz S. Proposal for quality control ranges of *Staphylococcus aureus* ATCC® 25923 for agar disk diffusion using 30 µg tylosin disks. 3<sup>rd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Copenhagen, Denmark (2013)
59. **Feßler AT\***, Buß M, Turnidge J, Peters T, Schwarz S. An interlaboratory trial to develop control ranges for *Staphylococcus aureus* and *Escherichia coli* for agar

- disk diffusion using 30 µg cefoperazone disks. Junior Scientist – Symposium Friedrich-Loeffler-Institut 2013, Jena (2013)
60. **Feßler AT\***, Buß M, Turnidge J, Peters T, Schwarz S. Proposal for quality control ranges of *Staphylococcus aureus* ATCC® 25923 and *Escherichia coli* ATCC® 25922 for agar disk diffusion using 30 µg cefoperazone disks. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Ghent, Belgium (2013)
  61. **Feßler AT\***, Calvo N, Gutiérrez N, Muñoz JL, Fajardo M, Garduño E, Monecke S, Ehricht R, Kadlec K, Schwarz S. Cfr-mediated linezolid resistance in human clinical methicillin-resistant *Staphylococcus aureus* and *Staphylococcus haemolyticus* isolates. National Symposium on Zoonoses Research 2013, Berlin (2013)
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  63. **Feßler AT\***, Turnidge J, Schwarz S. Proposal for cefoperazone quality control ranges for *Staphylococcus aureus* ATCC® 25923 for agar disk diffusion using 30 µg disks. 3<sup>rd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Copenhagen, Denmark (2013)
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  65. Riesenberger A\*, **Feßler AT**, Frömke C, Kadlec K, Klarmann D, Kreienbrock L, Werckenthin C, Schwarz S. Revised recommendation for broth microdilution susceptibility testing of *Rhodococcus equi* from animals. 15<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Ghent, Belgium (2013)
  66. Riesenberger A\*, **Feßler AT**, Frömke C, Kadlec K, Klarmann D, Kreienbrock L, Werckenthin C, Schwarz S. Revised recommendation for broth microdilution susceptibility testing of *Rhodococcus equi* from animals. Junior Scientist – Symposium Friedrich-Loeffler-Institut 2013, Jena (2013)
  67. Riesenberger A\*, **Feßler AT**, Kadlec K, Kreienbrock L, Klarmann D, Werckenthin C, Schwarz S. Revised recommendation for susceptibility testing of *Rhodococcus equi*. 16. Internationales Symposium der "World Association of Veterinary Laboratory Diagnosticians", Berlin (2013)

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69. Weiß S\*, Kadlec K, **Feßler AT**, Schwarz S. Identification of a large multiresistance plasmid in a feline methicillin-resistant *Staphylococcus epidermidis* ST5 strain. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Ghent, Belgium (2013)
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71. Weiß S\*, Kadlec K, **Feßler AT**, Schwarz S. Spread of methicillin-resistant *S. epidermidis* isolates in a small animal clinic. National Symposium on Zoonoses Research 2013 Berlin (2013)
72. Wendlandt S\*, Ho J, Kadlec K, **Feßler AT**, Ehricht R, Monecke S, O'Donoghue M, Boost M, Schwarz S. Polymerase chain reaction (PCR)-directed analysis of the genetic environment of the lincosamide-pleuromutilin-streptogramin A resistance gene *Isa(E)* in methicillin-resistant *Staphylococcus aureus* of food, animal and human origin. 23<sup>rd</sup> European Congress of Clinical Microbiology and Infectious Diseases, Berlin (2013)
73. Wendlandt S\*, Ho J, Kadlec K, **Feßler AT**, Ehricht R, Monecke S, O'Donoghue M, Boost M, Schwarz S. Rapid analysis of the genetic environment of the novel lincosamide-pleuromutilin-streptogramin A resistance gene *Isa(E)* in methicillin-resistant *Staphylococcus aureus* of human, animal and food origin. National Symposium on Zoonoses Research 2013, Berlin (2013)
74. Wendlandt S\*, Kadlec K, **Feßler AT**, Schwarz S, van Duikeren E: 2013. Presence of two different *erm(C)*-carrying plasmids in the same methicillin-resistant *Staphylococcus aureus* CC398 isolate from a broiler farm. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, in Ghent, Belgium (2013)
75. Wendlandt S, Kadlec K, **Feßler AT**, Monecke S, Ehricht R, Mevius D, Van Essen-Zandbergen A, Hengeveld P, Van Hoek A, Van De Giessen A, Huijsdens X, Schwarz S\*, Van Duijkeren E. Comparative analysis of methicillin-resistant *Staphylococcus aureus* (MRSA) isolates from broiler farms as well as from broiler chickens at slaughter and abattoir workers. DACH Epidemiologietagung "Veterinärmedizinische Epidemiologie in Klinik und Bestandsmedizin" vom 04.-06.09.2013, Hannover (2013)

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77. Billerbeck C, **Feßler AT\***, Kaspar H, Römer A, Mankertz J, Kadlec K, Schwarz S. Molekulare Charakterisierung von MRSA aus Rind und Geflügel aus dem GERM-Vet Programm 2008 – 2009. „Verbraucherschutz in DART: Forschungserkenntnisse und –perspektiven zu Antibiotikaresistenzen“, Berlin (2012)
78. Buß M, **Feßler AT\***, Kadlec K, Peters T, Schwarz S. Comparative analysis of tylosin minimum inhibitory concentrations and zone diameters of bovine staphylococcal isolates. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
79. Buß M\*, **Feßler AT**, Kadlec K, Peters T, Schwarz S. Development of tylosin interpretive criteria for bovine mastitis pathogens. Junior Scientist – Symposium Friedrich-Loeffler-Institut, Vilm (2012)
80. Couto N\*, Belas A, **Feßler AT**, Costa S, Tilley P, Couto I, Kadlec K, Schwarz S, Pomba CF. Antimicrobial resistance among equine methicillin-resistant staphylococci. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
81. Couto N\*, Belas A, **Feßler AT**, Santos Costa S, Tilley P, Couto I, Kadlec K, Schwarz S, Pomba CF. Loss of the *mecA* gene during storage of a methicillin-resistant *Staphylococcus cohnii* subsp. *cohnii* strain. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
82. Couto N\*, Belas A, **Feßler AT**, Costa S, Tilley P, Couto I, Kadlec K, Schwarz S, Pomba CF. Minimum bactericidal concentrations of four biocides and the presence of *qac* genes. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
83. **Feßler AT\***, Kadlec K, Hassel M, Hauschild T, Eidam C, Ehricht R, Monecke S, Schwarz S. Molecular analysis of MRSA from food of poultry origin. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Leipzig (2012)
84. **Feßler AT\***, Kaspar H, Lindeman CJ, Stegemann MR, Peters T, Mankertz J, Watts JL, Schwarz S. Proposal for clinical breakpoints for cefoperazone susceptibility testing of bovine mastitis pathogens. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Leipzig (2012)
85. **Feßler AT\***, Olde Riekerink RG, Rothkamp A, Kadlec K, Sampimon OC, Lam TJ, Schwarz S. Analysis of methicillin-resistant *Staphylococcus aureus* CC398 from Dutch dairy farms. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
86. **Feßler AT\***, Olde Riekerink RG, Rothkamp A, Kadlec K, Sampimon OC, Lam TJ, Schwarz. Analysis of methicillin-resistant *Staphylococcus aureus* (MRSA)

- from Dutch dairy farms. Junior Scientist – Symposium Friedrich-Loeffler-Institut, Vilm (2012)
87. Gómez-Sanz E\*, **Feßler AT**, Hauschild T, Kadlec K, Zarazaga M, Torres C, Schwarz S. Genetic environment of *erm*(T)-carrying multiresistant-plasmid in MRSA ST398 from animals and humans: Physical linkage to cadmium and copper resistance determinants. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
  88. Gómez-Sanz E\*, **Feßler AT**, Hauschild T, Zarazaga M, Kadlec K, Schwarz S, Torres C. Detection of a non mobile Tn558 carrying a *fexA* variant (*fexA<sub>v</sub>*) which confers only chloramphenicol resistance in canine *Staphylococcus pseudintermedius*. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
  89. Hauschild T, **Feßler AT\***, Billerbeck C, Wendlandt S, Kaspar H, Mankertz J, Schwarz S, Kadlec K. Fluoroquinolone resistance among MRSA and MSSA of animals and food of animal origin. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
  90. Hauschild T, **Feßler AT\***, Billerbeck C, Wendlandt S, Kaspar H, Mankertz J, Schwarz S, Kadlec K. Fluoroquinolone resistance of MRSA and MSSA of animal origin. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Leipzig (2012)
  91. Hauschild T, **Feßler AT\***, Kadlec K, Billerbeck C, Schwarz S. Nachweis des neuen Resistenzgenes *vga*(E) bei Methicillin-resistenten *Staphylococcus aureus* (MRSA)-Isolaten von Nutztieren. „Verbraucherschutz in DART: Forschungserkenntnisse und –perspektiven zu Antibiotikaresistenzen“, Berlin (2012)
  92. Jung JP\*, Bleses K, **Feßler AT**, Blatt J, Ballhausen B, Vincze S, Schwarz S, Köck R, Becker K, Cuny C, Walther B, von Müller L, Herrmann M, Bischoff M. Host cell adhesion and immune evasion of zoonotic and non-zoonotic MRSA, „Verbraucherschutz in DART: Forschungserkenntnisse und –perspektiven zu Antibiotikaresistenzen“, Berlin (2012)
  93. Jung JP\*, Bleses K, **Feßler AT**, Blatt J, Schwarz S, Köck R, von Müller L, Herrmann M, Bischoff M. Host cell adhesion and immune evasion of zoonotic and non-zoonotic MRSA. Annual Conference of the Association for General and Applied Microbiology (VAAM), Tübingen (2012)
  94. Kadlec K, **Feßler AT\***, Couto N, Pomba CF, Schwarz S. Analysis of small resistance gene-carrying plasmids in methicillin-resistant *Staphylococcus aureus* (MRSA) and other staphylococci. National Symposium on Zoonoses Research 2012, Berlin (2012)
  95. Kadlec K\*, Wendlandt S, **Feßler AT**, Kehrenberg C, Mevius D, van Essen-Zandbergen A, Hengeveld P, van Hoek A, Schwarz S, van Duijkeren E. Analysis of resistance in methicillin-resistant *Staphylococcus aureus* CC398

- isolates from broiler farms. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
96. Kadlec K, Wendlandt S\*, **Feßler AT**, Mevius D, van Essen-Zandbergen A, Hengeveld P, van Hoek A, Schwarz S, van Duijkeren E. Analysis of resistance pheno- and genotypes in methicillin-resistant *Staphylococcus aureus* (MRSA) CC398 isolates from broiler farms. 64. Jahrestagung der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Hamburg (2012)
  97. Kadlec K, Wendlandt S, **Feßler AT**, Monecke S, Ehricht R, Kehrenberg C, van de Giessen A, Hengeveld P, Haenen A, Huijsdens X, Schwarz S\*, van Duijkeren E. Resistance pheno- and genotypes of MRSA isolates from broiler chickens at slaughter and from abattoir workers. 3<sup>rd</sup> ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans and the Environment, Aix-en-Provence, France (2012)
  98. Kadlec K\*, Wendlandt S, **Feßler AT**, Monecke S, Ehricht R, Kehrenberg C, van de Giessen A, Hengeveld P, Huijsdens X, Schwarz S, van Duijkeren E. Resistance pheno- and genotypes of MRSA isolates from broiler chickens at slaughter and from abattoir workers. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), France (2012)
  99. Weiß S, **Feßler AT**, Kadlec K, Schwarz S\*. Analysis of a multiresistance plasmid from methicillin-resistant *Staphylococcus epidermidis* isolates. 52<sup>nd</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, USA (2012)
  100. Weiß S, **Feßler AT**, Kadlec K\*, Sommer-Radschat U, Schwarz S. Characterization of methicillin-resistant staphylococci and their distribution in a small animal clinic. 15<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Lyon, France (2012)
  101. Wendlandt S\*, Kadlec K, **Feßler AT**, Monecke S, Ehricht R, van de Giessen A, Hengeveld P, Huijsdens X, Schwarz S, van Duijkeren E. Comparative analysis of antimicrobial resistance in methicillin-resistant *Staphylococcus aureus* (MRSA) isolates from broiler chickens at slaughter and from abattoir workers. National Symposium on Zoonoses Research 2012, Berlin (2012)
  102. Wendlandt S\*, Kadlec K, **Feßler AT**, Monecke S, Ehricht R, van de Giessen A, Hengeveld P, Huijsdens X, Schwarz S, van Duijkeren E. Comparative analysis of methicillin-resistant *Staphylococcus aureus* (MRSA) isolates from broiler chickens at slaughter and from abattoir workers. 64. Jahrestagung der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Hamburg (2012)

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103. Billerbeck C\*, **Feßler AT**, Kaspar H, Römer A, Mankertz J, Kadlec K, Schwarz S. Molecular characterization of MRSA from cattle and poultry detected in the GERM-Vet program 2008 and 2009. National Symposium on Zoonoses Research 2011, Berlin (2011)
104. Eidam C, **Feßler AT**, Kadlec K, Schwarz S\*. Sequence Analysis and Phylogeny of the Multiresistance Plasmid pSTE1 from *Staphylococcus hyicus*. National Symposium on Zoonoses Research 2011, Berlin (2011)
105. Billerbeck C, **Feßler AT**, Kaspar H, Römer A, Ehrlich R, Monecke S, Mankertz J, Kadlec K, Schwarz S\*. Molecular analysis of MRSA isolates from cattle and poultry detected in the GERM-Vet program 2008 and 2009. 2<sup>nd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Washington DC (2011)
106. Billerbeck C, **Feßler AT**, Kaspar H, Römer A, Mankertz J, Kadlec K, Schwarz S\*. Molecular analysis of avian MRSA detected in the GERM-Vet program 2008-2009. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
107. Billerbeck C, **Feßler AT\***, Kaspar H, Römer A, Mankertz J, Kadlec K, Schwarz S. Molecular characterization of bovine MRSA detected in the GERM-Vet Study 2008-2009. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
108. De Jong A\*, Dörner JC, Ludwig C, **Feßler AT**, Schwarz S, Stephan B. Susceptibility to enrofloxacin of major bacterial pathogens from dogs and cats in four EU countries. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
109. Eidam C, **Feßler AT**, Kadlec K, Schwarz S\*. Nucleotide sequence and phylogeny of the *tet(L)*-carrying plasmid pSTE1 from *Staphylococcus hyicus*. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
110. **Feßler AT\***, Kadlec K, Schwarz S. Detection of a novel apramycin resistance gene, *apmA*, in methicillin-resistant *Staphylococcus aureus* (MRSA) ST398 isolates. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
111. **Feßler AT\***, Kaspar H, Lindeman CJ, Watts JL, Turnidge J, Schwarz S. In-vitro susceptibility of different bovine mastitis pathogens against cefoperazone. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
112. **Feßler AT\***, Olde Riekerink RGM, Rothkamp A, Kadlec K, Sampimon OC, Lam TJGM, Schwarz S. Characterization of MRSA isolates from dairy cattle, other animals and humans from Dutch dairy farms. 2<sup>nd</sup> ASM-ESCMID Conference on

- Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Washington DC (2011)
113. Gómez-Sanz E\*, **Feßler AT**, Kadlec K, Schwarz S, Zarazaga M, Torres C. Detection of a *fexA* gene variant that confers resistance to chloramphenicol, but not to florfenicol in canine *Staphylococcus pseudintermedius*. 2<sup>nd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Washington DC (2011)
  114. Gómez-Sanz E\*, **Feßler AT**, Kadlec K, Michael-Brenner G, Hauschild T, Zarazaga M, Torres C, Schwarz S. Genetic environment of the *erm(T)* gene in methicillin-resistant and -susceptible *Staphylococcus aureus* ST398 from animals and humans: Physical linkage to a functional cadmium resistance operon. 2<sup>nd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, Washington DC (2011)
  115. Hauschild T\*, **Feßler AT**, Kadlec K, Schwarz S. Enrofloxacin resistance of methicillin-resistant *Staphylococcus aureus* (MRSA) of poultry origin. National Symposium on Zoonoses Research 2011, Berlin (2011)
  116. Hauschild T\*, **Feßler AT**, Kadlec K, Schwarz S. Fluoroquinolone resistance of methicillin-resistant *Staphylococcus aureus* isolates from food and food products of poultry origin. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
  117. Turnidge J, **Feßler AT**, Kaspar H, Lindeman CJ, Watts JL, Schwarz S\*. A proposal of epidemiological cut-off values for cefoperazone applicable to different bovine mastitis pathogens. 4<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2011)
  118. De Jong A\*, Dörner JC, Ludwig C, **Feßler AT**, Schwarz S, Stephan B. Susceptibility to enrofloxacin of major bacterial pathogens from dogs and cats in four EU countries. 21<sup>st</sup> ECCMID/27<sup>th</sup> ICC, Milan (2011)

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119. Billerbeck C, **Feßler A**, Kadlec K, Schwarz S\*. Comparison of oxacillin MICs and zone diameters in the assessment of *mecA*-mediated methicillin resistance among coagulase-negative staphylococci from bovine mastitis. 3<sup>rd</sup> Joint Conference of the German Society for Hygiene and Microbiology (DGHM) and the Association for General and Applied Microbiology (VAAM), Hannover (2010)
120. **Feßler A\***, Billerbeck C, Kadlec K, Schwarz S. Comparative analysis of oxacillin zone diameters and MICs of *mecA*-positive and *mecA*-negative coagulase-negative staphylococci from bovine mastitis. Tagung der Deutschen Veterinärmedizinischen Gesellschaft (DVG) Fachgruppe „Bakteriologie und Mykologie“, Jena (2010)



121. **Feßler A\***, Billerbeck C, Kadlec K, Schwarz S. Methicillin resistance among coagulase-negative staphylococci from bovine mastitis: correlation between pheno- and genotypic tests. 2<sup>nd</sup> ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans, and the Environment, Toronto (2010)
122. **Feßler A\***, Kadlec K, Schwarz S. Distribution of *dru* types among porcine and bovine methicillin-resistant *Staphylococcus aureus* ST398 isolates. 14<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI), Bath (2010)
123. **Feßler A\***, Kadlec K, Schwarz S. Identification of a novel apramycin resistance gene, *apmA*, in a bovine MRSA ST398. 50<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) of the American Society for Microbiology (ASM), Boston (2010)

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124. **Feßler A\***, Kadlec K, Schwarz S. Analysis of methicillin-resistant *Staphylococcus aureus* isolates from cases of bovine mastitis. 61. Jahrestagung der Deutschen Gesellschaft für Hygiene und Mikrobiologie e.V. (DGHM), Göttingen (2009)
125. **Feßler A**, Kadlec K, Schwarz S\*. Molecular analysis of methicillin-resistant *Staphylococcus aureus* isolates from cases of mastitis in dairy cattle. ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals, London (2009)