



Publications

2019

S. Kittler, D. Seinige, D. Meemken, A. Müller, S. Wendland, R. Ehricht, S. Monecke, C. Kehrenberg (2019) Characteristics of methicillin-resistant *Staphylococcus aureus* from broiler farms in Germany are rather lineage- than source-specific. *Poult. Sci.*, doi:10.3382

FD. Lobo de Sà, E. Butkevych, PK. Natramilarasu, A. Fromm, S. Mousavi, V. Moos, JC. Golz, K. Stingl, **S. Kittler**, D. Seinige, C. Kehrenberg, MM. Heimesaat, S. Bereswill, JD. Schulzke, R. Bücken (2019) Curcumin Mitigates Immune-Induced Epithelial Barrier Dysfunction by *Campylobacter jejuni*. *Int. J. Mol. Sci.*, doi: 10.3390/ijms20194830

E. Thunhorst, S. Steffan, F. Reich, **S. Kittler**, M. Plötz, C. Kehrenberg (2019) Isolierung und Charakterisierung neuer Bakteriophagen im Rahmen von Campylobacter-Minimierungsstrategien in der Lebensmittelkette. Annual Working group symposium on food hygiene, Garmisch Patenkirchen, Germany, S. 417 (poster presentation)

S. Steffan, E. Thunhorst, **S. Kittler**, G. Shakeri, C. Kehrenberg (2019) Characterisation of Campylobacter-specific bacteriophages for assessment of their use in food production and processing regarding the aspect of food safety. In: Young scientist meeting Zoonosenplattform, Berlin, Germany (poster presentation)

S. Kittler, E. Thunhorst, S. Steffan, G. Shakeri, M. Plötz, C. Kehrenberg (2019) Isolation and Characterisation of Campylobacter-specific bacteriophages. In: Zoonoses 2019 International Symposium on Zoonoses Research, Berlin, Germany (poster presentation)

S. Kittler, S. Fischer, G. Glünder, E. Thunhorst, S. Steffan, C. Kehrenberg, M. Plötz (2019) Bacteriophages to combat Campylobacter in broiler meat production In: BfR-Forum on consumer protection: Bacteriophages, Berlin, Germany (oral presentation)

Kittler S, Thunhorst E, Kehrenberg C (2019) Supplement: Preventing and combating Campylobacter infections: On track towards a One Health approach (PAC-CAMPY) - specific intervention strategies along the food chain, In: Novel antimicrobials, Berlin, Germany (Fact sheet)

2018

G. Götz, **S. Kittler**, M. Malakauskas, T. Alter. 2018. Survival of *Campylobacter* in the Food Chain and the Environment. *Curr. Clin. Micro. Rpt.* 5: 126. <https://doi.org/10.1007/s40588-018-0092-z>

S. Kittler (2018) Mitigation strategies for Campylobacter in broiler meat production In: Campylobacter - enough attention payed?, Vechta, Germany (oral presentation)

2017

S. Kittler, J. Wittmann, R.A.L.P. Mengden, G. Klein, C. Rohde, H. Lehnerr.

2017. The use of bacteriophages as One-Health approach to reduce multidrug-resistant bacteria. *Sust. Chem. Pharm.*, 5: 80-83 doi.org/10.1016/j.scp.2016.06.001i

2015

G. Klein, W. Jansen, **S. Kittler**, F. Reich. 2015. Mitigation strategies for *Campylobacter* spp. in broiler at pre-harvest and harvest level. *Berl. München. Tierärztl. Wschr.* 128(3-4):132-40.

2014

S. Kittler, S. Fischer, A. Abdulmawjood, G. Glünder, G. Klein. 2014. Colonisation of a phage susceptible *Campylobacter jejuni* population in two phage positive broiler flocks, p. e94782, *PLoS ONE*, vol. 9.

S. Kittler. 2014. Application field trials on bacteriophage efficacy for reduction of *Campylobacter*, Doctoral thesis University of Veterinary Medicine Hannover, Foundation. ISBN 978-3-86345-208-7

A. Abdulmawjood, N. Grabowski, S. Fohler, **S. Kittler**, H. Nagengast, G. Klein. 2014. Development of Loop-Mediated Isothermal Amplification (LAMP) Assay for Rapid and Sensitive Identification of Ostrich Meat. p. e100717, *PLoS ONE* vol. 9

2013

S. Kittler, S. Fischer, A. Abdulmawjood, G. Glünder, G. Klein. 2013. Effect of bacteriophage application on *Campylobacter jejuni* loads in commercial broiler flocks. *Appl. Environ. Microbiol.* 79:7525-7533.

S. Fischer, **S. Kittler**, G. Klein, G. Glünder. 2013. Impact of a single phage and a phage cocktail application in broilers on reduction of *Campylobacter jejuni* and development of resistance, p. e78543, *PLoS ONE*, vol. 8

S. Fischer, **S. Kittler**, G. Klein, G. Glünder. 2013. Microplate-Test for the Rapid Determination of Bacteriophage-Susceptibility of *Campylobacter* Isolates- Development and Validation, p. e53899, *PLoS ONE*, vol. 8.

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