



Research output 2020 – «One Health» Drug resistance

Anes, J., Nguyen, S.V., Eshwar, A.K., McCabe, E., Macori, G., Hurley, D., Lehner, A., Fanning, S. (2020). Molecular characterisation of multi-drug resistant *Escherichia coli* of bovine origin. *Veterinary Microbiology* 242,108566. doi: 10.1016/j.vetmic.2019.108566.

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Emond-Rheault, J.G., Hamel, J., Jeukens, J., Freschi, L., Kukavica-Ibrulj, I., Boyle, B., Tamber, S., Malo, D., Franz, E., Burnett, E., Daigle, F., Arya, G., Sanderson, K., Wiedmann, M., Slawson, R., Weadge, J., Stephan, R., Bekal, S., Gruenheid, S., Goodridge, L., Levesque, R.C. (2020). The *Salmonella enterica* plasmidome as a reservoir of antibiotic resistance. *Microorganisms* 8: 1016. doi:10.3390/microorganisms8071016

Employees of Swiss veterinary clinics colonized with epidemic clones of carbapenemase-producing *Escherichia coli*

Authors: Endimiani A, Brillhante M, Bernasconi OJ, Perreten V, Schmidt JS, Dazio V, Nigg A, Gobeli Brawand S, Kuster SP, Schuller S, Willi B.

J Antimicrob Chemother. 2020 Mar 1;75(3):766-768

PMID: 31819979 DOI: 10.1093/jac/dkz470

Antibiotic-resistant bacteria in dogs and cats: recommendations for -owners

Authors: Heim D, Kuster S, Willi B.

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Antimicrobial prescriptions in cats in Switzerland before and after the introduction of an online antimicrobial stewardship tool

Authors: Hubbuch A, Schmitt K, Lehner C, Hartnack S, Schuller S, Schüpbach-Regula G, Mevissen M, Peter R, Müntener C, Naegeli H, Willi B.

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Effect of antimicrobial stewardship on antimicrobial prescriptions for selected diseases of dogs in Switzerland

Authors: Lehner C, Hubbuch A, Schmitt K, Schuepbach-Regula G, Willi B, Mevissen M, Peter R, Muentener CR, Naegeli H, Schuller S.

J Vet Intern Med. 2020 Nov;34(6):2418-2431

PMID: 33112451 DOI: 10.1111/jvim.15906

Antimicrobial prescriptions and adherence to prudent use guidelines for selected canine diseases in Switzerland in 2016

Authors: Lutz B, Lehner C, Schmitt K, Willi B, Schüpbach G, Mevissen M, Peter R, Müntener C, Naegeli H, Schuller S.

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Poor infection prevention and control standards are associated with environmental contamination with carbapenemase-producing Enterobacterales and other multidrug-resistant bacteria in Swiss companion animal clinics

Authors: Schmidt JS, Kuster SP, Nigg A, Dazio V, Brillhante M, Rohrbach H, Bernasconi OJ, Büdel T, Campos-Madueno EI, Gobeli Brawand S, Schuller S, Endimiani A, Perreten V, Willi B.

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