

Publications:

Savin M, Bierbaum G, **Blau K**, Parcina M, Sib E, Smalla K, Schmithausen R, Heinemann C, Hammerl JA & Kreyenschmidt J (2020): Colistin-resistant *Enterobacteriaceae* isolated from process waters and wastewater from German poultry and pig slaughterhouses. *Frontiers in microbiology* 11: 2699.

Shintani M, Nour E, Elsayed TS, **Blau K**, Wall I, Jeckalke S, Spröer C, Bunk B, Overmann J & Smalla K (2020): Plant species-dependent increased abundance and diversity of IncP-1 plasmids in the rhizosphere: New insights into their role and ecology. *Frontiers in microbiology*. doi: 10.3389/fmicb.2020.590776.

Blau K, Jacquiod S, Sørensen SJ, Su J-Q, Zhu Y-G, Smalla K, Jechalke S (2019): Manure and doxycycline affect the bacterial community and its resistome in lettuce rhizosphere and bulk soil. *Front Microbiol* 10: 725.

González-Plaza JJ, **Blau K**, Milaković M, Jurina T, Smalla K, Udiković-Kolić N (2019): Antibiotic-manufacturing sites are hot-spots for the release and spread of antibiotic resistance genes and mobile genetic elements in receiving aquatic environments. *Environment international* 130: 104735.

Blau K, Jechalke S, Smalla K (2019): Detection, isolation, and characterization of plasmids in the environment. *Methods Molecular Biology*, Vol.2075, Fernando de la Cruz (Eds): Horizontal Gene Transfer, 978-1-4939-9876-0, 420000_1_En.

Reid CJ, **Blau K**, Jechalke S, Smalla K, Djordjevic SP (2019): Whole genome sequencing of *Escherichia coli* from store bought produce. *Front Microbiol*. doi: 10.3389/fmicb.2019.03050.

Blau, K., Bettermann, A., Jechalke, S., Fornefeld, E., Vanrobaeys, Y., Stalder, T., Top, E., Smalla, K (2018): The transferable resistome of produce. *mBio*. <https://doi.org/10.1101/350629>.

Schierstaedt, J., Bziuk, N., Kuzmanovic, N., **Blau, K.**, Smalla, K., Jechalke, S. (2018): Role of plasmids in plant bacteria interactions. *Curr Issues Mol Biol*. 30:17-38. doi: 10.21775/cimb.030.017.

Blau, K., Casadevall, L., Wolters, B., Van den Meersche, T., Kreuzig, R., Smalla, K., Jechalke, S. (2017): Soil texture-dependent effects of doxycycline and streptomycin applied with manure on the bacterial community composition and resistome. *FEMS Microbiology Ecology* doi: 10.1093/femsec/fix14.