



## WP3 – Genomic surveillance and outbreak investigation of bacterial food-borne diseases – BACFOOD

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Publikace ve vztahu k tématice WP3 za roky 2019 – 2024 (březen) uvedené v PUBMED.

Publications related to the WP3 topic for the years 2019-2024 (March) published in PUBMED.

- [Translocation of outer membrane vesicles from enterohemorrhagic \*Escherichia coli\* O157 across the intestinal epithelial barrier](#)  
Krsek D, Yara DA, Hrbáčková H, Daniel O, Mančíková A, Schüller S, Bielaszewska M. Front Microbiol. 2023 May 25;14:1198945. doi: 10.3389/fmicb.2023.1198945. eCollection 2023. PMID: 37303786
- [Virulence Factor Cargo and Host Cell Interactions of Shiga Toxin-Producing \*Escherichia coli\* Outer Membrane Vesicles.](#)  
Bielaszewska M, Greune L, Bauwens A, Dersch P, Mellmann A, Rüter C. Methods Mol Biol. 2021;2291:177-205. doi: 10.1007/978-1-0716-1339-9\_8. PMID: 33704754
- [In Vivo Secretion of  \$\beta\$ -Lactamase-Carrying Outer Membrane Vesicles as a Mechanism of  \$\beta\$ -Lactam Therapy Failure.](#)  
Bielaszewska M, Daniel O, Nyč O, Mellmann A. Membranes (Basel). 2021 Oct 23;11(11):806. doi: 10.3390/membranes11110806. PMID: 34832035 Free PMC article.
- [A cross-border outbreak of \*Salmonella\* Bareilly cases confirmed by whole genome sequencing, Czech Republic and Slovakia, 2017 to 2018.](#)  
Labská K, Špačková M, Daniel O, Včelák J, Vlasáková V, Černý T, Gelbíčová T, Florianová M, Karpíšková R, Gavačová D, Štefkovičová M, Orlíková H. Euro Surveill. 2021 Apr;26(14):2000131. doi: 10.2807/1560-7917.ES.2021.26.14.2000131. PMID: 33834963
- [Secretion and Delivery of Intestinal Pathogenic \*Escherichia coli\* Virulence Factors via Outer Membrane Vesicles.](#)  
Rueter C, Bielaszewska M. Front Cell Infect Microbiol. 2020 Mar 6;10:91. doi: 10.3389/fcimb.2020.00091. eCollection 2020. PMID: 32211344 Free PMC article. Review.
- [Dissemination of the blaCTX-M-15 gene among Enterobacteriaceae via outer membrane vesicles.](#)  
Bielaszewska M, Daniel O, Karch H, Mellmann A. J Antimicrob Chemother. 2020 Sep 1;75(9):2442-2451. doi: 10.1093/jac/dkaa214. PMID: 32562546
- [Metabolomic analysis of Shiga toxin 2a-induced injury in conditionally immortalized glomerular endothelial cells.](#)



Patry C, Plotnicki K, Betzen C, Ortiz AP, Pappan KL, Satchell SC, Mathieson PW, Bielaszewska M, Karch H, Tönshoff B, Rafat N. *Metabolomics*. 2019 Oct 1;15(10):131. doi: 10.1007/s11306-019-1594-2. PMID: 31576432

- [An international outbreak of Salmonella enterica serotype Enteritidis linked to eggs from Poland: a microbiological and epidemiological study.](#)

Pijnacker R, Dallman TJ, Tijsma ASL, Hawkins G, Larkin L, Kotila SM, Amore G, Amato E, Suzuki PM, Denayer S, Klamer S, Pászti J, McCormick J, Hartman H, Hughes GJ, Brandal LCT, Brown D, Mossong J, Jernberg C, Müller L, Palm D, Severi E, Gołębiowska J, Hunjak B, Owczarek S, Le Hello S, Garvey P, Mooijman K, Friesema IHM, van der Weijden C, van der Voort M, Rizzi V, Franz E; International Outbreak Investigation Team. *Lancet Infect Dis*. 2019 Jul;19(7):778-786. doi: 10.1016/S1473-3099(19)30047-7. Epub 2019 May 24. PMID: 31133519