

**List of Publications Peter Lasch**  
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**2023**

1. Lasch P, Stämmler M, Schneider A, Version 4 (20230306) of the MALDI-ToF Mass Spectrometry Database for Identification and Classification of Highly Pathogenic Microorganisms from the Robert Koch-Institute (RKI). *Zenodo*, **2023**. March 6, 2023. <https://doi.org/10.5281/zenodo.7702375>.
2. Doellinger J, Blumenschein C, Schneider A, Lasch P, Increasing Proteome Depth While Maintaining Quantitative Precision in Short-Gradient Data-Independent Acquisition Proteomics. *J Proteome Res*, **2023**.
3. Jahne J, Le Thi TT, Blumenschein C, Schneider A, Pham TL, Le Thi PT, Blom J, Vater J, Schweder T, Lasch P, Borriss R. Novel Plant-Associated Brevibacillus and Lysinibacillus Genomespecies Harbor a Rich Biosynthetic Potential of Antimicrobial Compounds. *Microorganisms*, **2023**. 11(1).

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5. Heinz J, Doellinger J, Maus D, Schneider A, Lasch P, Grossart HP, Schulze-Makuch D. Perchlorate-Specific Proteomic Stress Responses of *Debaryomyces hansenii* Could Enable Microbial Survival in Martian Brines. *Environ Microbiol*, **2022**. 24(11): p. 5051-5065.
6. Blumenschein C, Jähne J, Schneider A, Blom J, Schweder T, Lasch P, Borriss R. Genome sequence data of *Bacillus velezensis* BP1.2A and BT2.4. *Data in Brief*, **2022**: p. 107978.
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Mulner P, Schwarz E, Dietel K, Herfort S, Jahne J, Lasch P, Cernava T, Berg G, Vater J. Fusaricidins, Polymyxins and Volatiles Produced by *Paenibacillus polymyxa* Strains DSM 32871 and M1. *Pathogens*, **2021**. 10(11).

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11. Lasch P, Schneider A, Blumenschein C and Doellinger, J. Identification of Microorganisms by Liquid Chromatography-Mass Spectrometry (LC-MS1) and in silico Peptide Mass Data. bioRxiv, 2019. (unreviewed preprint). <https://doi.org/10.1101/870089> .
12. Tam L T T, Jahne J, Luong PT, Thao LTP, Chung LTK, Schneider A, Blumenschein C, Lasch P, Schweder T, Borriss R. Draft Genome Sequences of 59 Endospore-Forming Gram-Positive Bacteria Associated with Crop Plants Grown in Vietnam. *Microbiol Resour Announc*, **2020**. 9(47).
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