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Professional Experience

Since 2020

Medical Doctor at the Institute for Clinical Microbiology, Immunology and Hygiene of the University Hospital Erlangen

- Since 2024 Deputy Head of the Hygiene Division

Academic Career

2017-2022

Doctoral thesis at the Institute for the History and Ethics of Medicine of the FAU Erlangen-Nürnberg

Supervisor: Prof. Dr. Leven

Title: [Malaria in Southwest Africa. German colonial medicine 1884-1915]

2013-2020

Study of medicine at FAU Erlangen-Nürnberg

Publications

Esse J, Träger J, Steininger P et. al. Metagenomic analysis of microbial cell-free DNA from plasma of patients with suspected infections: performance and therapeutic impact in clinical routine, Clin Microbiol Infect, 2025, <https://doi.org/10.1016/j.cmi.2025.02.016>.

Esse J, Leven KH, Kampen H et al. Malaria in a metropolitan region of Southern Germany: past, present and future perspectives on a protozoan infection with the potential of re-appearance in Central Europe. Malar J 24, 60 (2025). <https://doi.org/10.1186/s12936-025-05292-y>

Valenza G, Eisenberger D, **Esse J** et al. High prevalence of the recently identified clonal lineage ST1299/CT3109 vanA among vancomycin-resistant Enterococcus faecium strains isolated from municipal wastewater. mSphere9:e00396-24.<https://doi.org/10.1128/msphere.00396-24>

Niekrens V, Kunz B, Werner M, Valenza G, Seggewies C, Bogdan C, **Esse J**. Analysis of the effectiveness of hygiene measures and COVID-19 vaccination at a tertiary-care university hospital during the first two years of the SARS-CoV-2 pandemic, Heliyon, Volume 10, Issue 9, 2024, e30311, <https://doi.org/10.1016/j.heliyon.2024.e30311>.

Esse J, Träger J, Bogdan C. [Meningococcal meningitis]. Zeitschrift für Gastroenterologie 2024; 62(03): 377 – 378, <https://doi.org/10.1055/a-2205-3938>. Also published in: TumorDiagnostik & Therapie 2024; 45(04): 267 – 268, <https://doi.org/10.1055/a-2287-2490>

Esse J, Träger J, Valenza G et al. Rapid phenotypic antimicrobial susceptibility testing of Gram-negative rods directly from positive blood cultures using the novel Q-linea ASTar system. J Clin Microbiol 61:e00549-23. <https://doi.org/10.1128/jcm.00549-23>

Esse J. [Malaria in Southwest Africa. German colonial medicine 1884-1915]. Berlin: Peter Lang Verlag. 2022. <https://doi.org/10.3726/b20085>

Niekrens V, **Esse J**, Held J et al. Homologous COVID-19 BNT162b2 mRNA Vaccination at a German Tertiary Care University Hospital: A Survey-Based Analysis of Reactogenicity, Safety, and Inability to Work among Healthcare Workers. Vaccines. 2022; 10(5):650. <https://doi.org/10.3390/vaccines10050650>

Held J, **Esse J**, Tascilar K et al. Reactogenicity Correlates Only Weakly with Humoral Immunogenicity after COVID-19 Vaccination with BNT162b2 mRNA (Comirnaty®). Vaccines. 2021; 9(10):1063. <https://doi.org/10.3390/vaccines9101063>



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