Joint Journal Club of the Institute of Parasitology and the Institute of Bacteriology and Mycology starting on 16/02/2024

Friday 10.00 to 11.00 a.m. (45 min presentation, 15 min discussion, 12 hours over all)

<table>
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<tr>
<th>Date, Time</th>
<th>Speaker</th>
<th>Topic/Publication</th>
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| 16.02.24   | TÄ Dr. Sophie Kähl | Transferring Microclusters of P. aeruginosa Biofilms to the Ait-Liquide Interface of Bronchial Epithelial Cells for Repeated Deposition of Aerosolized Tobramycin  
Justus C Horstmann, Annabelle Laric, Annette Boese, Daniela Yildiz, Teresa Röhrig, Martin Empting, Nicolas Frank, Daniel Krug, Rolf Müller, Nicole Schneider-Daum, Cristiane de Souza Carvalho-Wodarz, Claus-Michael Lehr  
ACS Infect Dis, 2022 |
| 01.03.24   | TÄ Annika Breitfelder | Francisella tularensis disrupts TLR2-MYD88-p38 signaling early during infection to delay apoptosis of macrophages and promote virulence in the host  
P Todd Benziger, Erik J Kopping, Patrick A McLaughlin, David G Thanassi  
mBio 2023 14(4):e0113623 |
| 08.03.24   | TÄ Josepha Hallbauer | The impact of birth weight, birth order, birth asphyxia, and colostrum intake per se on growth and immunity of the suckling piglets  
D. Vodolazska, T.Feyera, C. Lauridsen  
Scientific Reports 2023; 13(1):8057 |
| 22.03.24   | TÄ Sophia Hanstein | In-vitro antibacterial activity and mechanism of Monarda didyma essential oils against Carbapenem-resistant Klebsiella pneumoniae  
Ying Chen, Jinda Zhao, Chenyu Liu, Dongmei Wu and Xianhe Wang  
BMC Microbiol 2023 Sep 20;23(1):263. |
| 29.09.23   | TÄ Dr. Sophie Öhlmann | Endogenously produced H2O2 is intimately involved in iron metabolism in Streptococcus pneumoniae  
Edroyal Womack, Babek Alibayov, Jorge E Vidal, Zehava Eichenbaum  
| 12.04.24 | TA Prof. Dr. Wieland Schrödl | **Candida auris,** Wagner J und Kurzai O  
Deutsches Ärzteblatt, 2019, DOI: 10.3238 |
| 19.04.24 | TĂ Dr. Tran Nguyen | **Evasion of Human Neutrophil-Mediated Host Defense during Toxoplasma gondii Infection.**  
Lima TS, Gov L, Lodoen MB.  
| 26.04.24 | TA Prof. Christoph Baums | **Fn-Dps, a novel virulence factor of Fusobacterium nucleatum, disrupts erythrocytes and promotes metastasis in colorectal cancer**  
Yixian Wu, Songhe Guo, Fangfang Chen, Yiqiu Li, Yuying Huang, Wanli Liu, Ge Zhang  
| 3.05.24 | TĂ Dr. Lea Murnik | **Identification of the glycopeptide epitope recognized by a protective Cryptosporidium monoclonal antibody**  
Seema Bhalchandra, Koen Gevers, Jamie Heimburg-Molinaro, Mark van Roosmalen, Isabelle Coppens, Richard D Cummings, Honorine D Ward  
| 10.05.24 | TĂ Manuela Kirchner | **Morbidity, mortality, and long-term consequences associated with diarrhoea from Cryptosporidium infection in children younger than 5 years: a meta-analyses study.**  
| 17.05.24 | TĂ Dr. Zaida Renteria-Solis | **Lungworms (Metastrongylus spp.) and intestinal parasitic stages of two separated Swiss wild boar populations, north and south of the Alps: Similar parasite spectrum with regional idiosyncrasies.**  
Spieler N, Schnyder M  
| 24.5.2024 | TA Dr. Thomas Grochow | Research on the effect and mechanism of antimicrobial peptides HPRP-A1/A2 work against Toxoplasma gondii infection  
Ran Liu et al.  
Parasite Immunol 2019 |

Please contact our secretary, Mrs. Ladenthin, if you want to participate in the Journal Club (sekbakmyk@vetmed.uni-leipzig.de).