



## 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)			
Date, Time	Speaker	Topic/Publication	Session
16.02.24	TÄ Dr. Sophie Kähl	<b>Transferring Microclusters of <i>P. aeruginosa</i> Biofilms to the Air-Liquide Interface of Bronchial Epithelial Cells for Repeated Deposition of Aerosolized Tobramycin</b> 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	1 (6h)
01.03.24	TÄ Annika Breifelder	<b>Francisella tularensis disrupts TLR2-MYD88-p38 signaling early during infection to delay apoptosis of macrophages and promote virulence in the host</b> P Todd Benziger, Erik J Kopping, Patrick A McLaughlin, David G Thanassi mBio 2023 14(4):e0113623	
08.03.24	TÄ Josepha Hallbauer	<b>The impact of birth weight, birth order, birth asphyxia, and colostrum intake per se on growth and immunity of the suckling piglets</b> D. Vodolazska, T.Feyera, C. Lauridsen Scientific Reports 2023; 13(1):8057	
22.03.24	TÄ Sophia Hanstein	<b>In-vitro antibacterial activity and mechanism of Monarda didyma essential oils against Carbapenem-resistant Klebsiella pneumoniae</b> 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	<b>Endogenously produced H<sub>2</sub>O<sub>2</sub> is intimately involved in iron metabolism in Streptococcus pneumoniae</b> Edroyal Womack, Babek Alibayov, Jorge E Vidal, Zehava Eichenbaum Microbiol Spectr . 2024 Jan 11;12(1):e0329723.	

12.04.24	TA Prof. Dr. Wieland Schrödl	<b>Candida auris,</b> Wagner J und Kurzai O Deutsches Ärzteblatt, 2019, DOI: 10.3238	
19.04.24	TÄ Dr. Tran Nguyen	<b>Evasion of Human Neutrophil-Mediated Host Defense during Toxoplasma gondii Infection.</b> Lima TS, Gov L, Lodoen MB. mBio. 2018 Feb 13;9(1):e02027-17.	2 (6h)
26.04.24	TA Prof. Christoph Baums	<b>Fn-Dps, a novel virulence factor of Fusobacterium nucleatum, disrupts erythrocytes and promotes metastasis in colorectal cancer</b> Yixian Wu, Songhe Guo, Fangfang Chen, Yiqiu Li, Yuying Huang, Wanli Liu, Ge Zhang PLoS Pathog. 2023 Jan 24;19(1):e1011096.	
3.05.24	TÄ Dr. Lea Murnik	<b>Identification of the glycopeptide epitope recognized by a protective Cryptosporidium monoclonal antibody</b> Seema Bhalchandra, Koen Gevers, Jamie Heimbürg-Molinaro, Mark van Roosmalen, Isabelle Coppens, Richard D Cummings, Honorine D Ward Infect Immun 2023 Oct 17;91(10):e0027523. doi: 10.1128/iai.00275-23. Epub 2023 Sep 19.	
10.05.24	TÄ Manuela Kirchner	<b>Morbidity, mortality, and long-term consequences associated with diarrhoea from Cryptosporidium infection in children younger than 5 years: a meta-analysis study.</b> Khalil IA, Troeger C, Rao PC, Blacker BF, Brown A, Brewer TG, Colombara DV, De Hostos EL, Engmann C, Guerrant RL, Haque R, Houghton ER, Kang G, Korpe PS, Kotloff KL, Lima AAM, Petri WA Jr, Platts-Mills JA, Shultz DA, Forouzanfar MH, Hay SI, Reiner RC Jr, Mokdad AH Lancet Glob Health. 2018 Jul;6(7):e758-e768.	
17.5.24	TÄ Dr. Zaida Renteria-Solis	<b>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.</b> Spieler N, Schnyder M Int J Parasitol (2021): Parasites Wildl. 12:14:202-210.	

24.5.2024	TA Dr. Thomas Grochow	Research on the effect and mechanism of antimicrobial peptides HPRP-A1/A2 work against <i>Toxoplasma gondii</i> 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](mailto:sekbakmyk@vetmed.uni-leipzig.de)).