

Journal Club - Institut für Bakteriologie und Mykologie ab 4.06.2021

jeweils freitags 1 h (45 min Präsentation und 15 min Diskussion) (9.00 bis 10.00 Uhr)		
Datum, Uhrzeit	Referent	Thema
04.06.2021, 9.00-10.00 Uhr	TÄ Christine Weiße	Virulence 2021 Dec;12(1):84-95. doi: 10.1080/21505594.2020.1858604 Bordetella bronchiseptica promotes adherence, colonization, and cytotoxicity of <i>Streptococcus suis</i> in a porcine precision-cut lung slice model Désirée Vötsch, Maren Willenborg, Wolfgang Baumgärtner, Manfred Rohde , Peter Valentin-Weigand
11.06.2021, 9.00-10.00 Uhr	TÄ Ann-Kathrin Krieger	Journal of Clinical Microbiology, 2019 Evidence of Sharing of <i>Klebsiella pneumoniae</i> Strains between Healthy Companion Animals and Cohabiting Humans Cátia Marques, Adriana Belas, Catarina Aboim, Patrícia Cavaco-Silva, Graça Trigueiro, Luís Telo Gama, Constança Pomba
18.06.2021, 9.00-10.00 Uhr	TÄ Sophie Öhlmann	Frontiers in Microbiology, 2020 Contribution of Nlrp3 Inflammasome Activation Mediated by Sullysin to Streptococcal Toxic Shock-like Syndrome Liqiong Song, Xianping Li, Yuchun Xiao , Yuanming Huang , Yongqiang Jiang , Guangxun Meng , Zhihong Ren
25.06.2021, 9.00-10.00 Uhr	Prof. Dr. Wieland Schrödl	Pathologie. 2006 May;27(3):212-6. Zygomycetes in biopsies of the gastrointestinal tract Brüscke C, Gottschalk J, Stolte M
02.07.2021, 9.00-10.00 Uhr	Prof. Dr. Christoph G. Baums	Infect Immun 2015 Jul;83(7):2686-93 Anti-<i>Pseudomonas aeruginosa</i> anti IgY Antibodies Induce Specific Bacterial Aggregation and Internalization in Human Polymorphonuclear Neutrophils K. Thomsen,aL. Christophersen,aT. Bjarnsholt,a,bP. Ø. Jensen,aC. Moser,aN. Høiby
09.07.2021, 10.00-11.00 Uhr	Dr. René Bergmann	Cell Rep . 2019 Dec 3;29(10):2979-2989.e15. doi: 10.1016/j.celrep.2019.11.001. Group A Streptococcal S Protein Utilizes Red Blood Cells as Immune Camouflage and Is a Critical Determinant for Immune Evasion. Igor H Wierzbicki, Anaamika

		Campeau, Diana Dehaini, Maya Holay, Xiaoli Wei, Trevor Greene, Man Ying, Jenna S Sands, Anne Lamsa, Elina Zuniga, Kit Pogliano, Ronnie H Fang, Christopher N LaRock, Liangfang Zhang, David J Gonzalez
16.07.2021, 9.00-10.00 Uhr	TÄ Christine Weiße	Virulence 2019 Dec;10(1):588-599. doi: 10.1080/21505594.2019.1631661 pdh modulate virulence through reducing stress tolerance and biofilm formation of <i>Streptococcus suis</i> serotype 2 Yang Wang , Yuxin Wang, Baobao Liu, Shaohui Wang, Jinpeng Li, Shenglong Gong, Liyun Sun, Li Yi
23.07.2021, 9.00-10.00 Uhr	TÄ Leonie Mayer	Pathogens. 2016 Sep; 5(3): 48 Virulence Studies of Different Sequence Types and Geographical Origins of <i>Streptococcus suis</i> Serotype 2 in a Mouse Model of Infection , Jean-Philippe Auger, Nahuel Fittipaldi, Marie-Odile Benoit-Biancamano, Mariela Segura, and Marcelo Gottschalk
30.07.2021, 9.00-10.00 Uhr	Prof. Dr. Wieland Schrödl	Mycoses. 2019 Jan;62(1):32-40. Detection of <i>Trichophyton rubrum</i> and <i>Trichophyton interdigitale</i> in onychomycosis using monoclonal antibodies against Sub6). Méhul B, de Coi N, Grundt P, Genette A, Voegel JJ, Monod M.
6.08.2021, 9.00-10.00 Uhr	TÄ Carolin Liedel	Virulence, 2020 Identification of conditionally essential genes for <i>Streptococcus suis</i> infection in pigs Jesús Arenas , Aldert Zomer , Jose Harders-Westerveen , Hester J. Bootsma , Marien I. De Jonge , Norbert Stockhofe-Zurwieden , Hilde E. Smith & Astrid De Greeff
13.08.2021, 9.00-10.00 Uhr	Dr. René Bergmann	Transbound Emerg Dis . 2020 Nov;67(6):2797-2808. doi: 10.1111/tbed.13645. Epub 2020 Jun 13. Genetic characterization of <i>Streptococcus equi</i> subspecies <i>zooepidemicus</i> associated with high swine mortality in the United States. Xuhua Chen, Nubia Resende-De-Macedo, Panchan Sithicharoenchai, Orhan Sahin, Eric Burrough, Maria Clavijo, Rachel Derscheid, Kent Schwartz, Kristina Lantz, Suelee Robbe-Austerman, Rodger Main, Ganwu Li
20.08.2021, 9.00-10.00 Uhr	TÄ Leonie Mayer	Infect Drug Resist. 2021; 14: 205–217. Bacteriophage – A Promising Alternative Measure for Bacterial Biofilm Control. Fengjuan Tian, Jing Li, Amina Nazir, Yigang Tong

27.08.2021, 9.00-10.00 Uhr	Prof. Dr. Christoph G. Baums	Front Microbiol. 2018 Feb 13;9:212. doi: 10.3389/fmicb.2018.00212. QseC Mediates Osmotic Stress Resistance and Biofilm Formation in <i>Haemophilus parasuis</i> . He L, Dai K, Wen X, Ding L, Cao S, Huang X, Wu R, Zhao Q, Huang Y, Yan Q, Ma X, Han X, Wen Y.
3.09.2021, 9.00-10.00 Uhr	TÄ Carolin Liedel	Infection and immunity, 2020 Comparative Study of Immunogenic Properties of Purified Capsular Polysaccharides from <i>Streptococcus suis</i> Serotypes 3, 7, 8, and 9: the Serotype 3 Polysaccharide Induces an Opsonizing IgG Response Guillaume Goyette-Desjardins, Jean-Philippe Auger, Daisuke Takamatsu, Dominic Dolbec, Marie-Rose Van Calsteren, Marcelo Gottschalk, Evgeny Vinogradov, Masatoshi Okura, Daisuke Takamatsu, Marie-Rose Van Calsteren, Marcelo Gottschalk, Mariela Seguraa
10.09.2021, 9.00-10.00 Uhr	TÄ Ann-Kathrin Krieger	mBio, 2019 A Porcine Ex Vivo Lung Perfusion Model To Investigate Bacterial Pathogenesis Amy Dumigan, Marianne Fitzgerald, Joana Sá-Pessoa Graca Santos, Umar Hamid, Cecilia M. O'Kane, Danny F. McAuley, Jose A. Bengoechea
17.09.2021 9.00-10.00 Uhr	TÄ Sophie Öhlmann	Clinical Cancer Research, 2017 Mitochondrial BAX Determines the Predisposition to Apoptosis in Human AML <i>Frank Reichenbach, Cornelius Wiedenmann, Enrico Schalk, Diana Becker, Kathrin Funk, Peter Scholz-Kreisel, Franziska Todt, Denise Wolleschak, Konstanze Döhner, Jens U Marquardt, Florian Heidel, Frank Edlich</i>
24.09.2021 9.00-10.00 Uhr	TÄ Annika Breiffelder	Immunity 45, 2016 Positive Regulation of Lyn Kinase by CD148 Is Required for B Cell Receptor Signaling in B1 but Not B2 B Cells Katarzyna M. Skrzypczynska, Jing W. Zhu, and Arthur Weiss
1.10.2021 9.00-10.00 Uhr	TÄ Julia Holthoff	Microb Genom. 2020 Dec;6(12) Evidence of homologous recombination as a driver of diversity in <i>Brachyspira pilosicoli</i> . Pandey A, Humbert MV, Jackson A, Passey JL, Hampson DJ, Cleary DW, La Ragione RM, Christodoulides M.

= 18 Stunden