

Literaturseminar - Institut für Bakteriologie und Mykologie ab Juni 2019

Durchlauf 5 – 9.30 Uhr bis 10.30 Uhr		
Datum, Uhrzeit	Referent	Thema
05.06.2019	TÄ Sophie Funk	<p>PLoS One., 2014</p> <p>„Pasteurella pneumotropica evades the Human Complement System by Acquisition of the Complement Regulators Factor H and C4BP”</p> <p>¶ Alfredo Sahagún-Ruiz¹, ¶ Adriana Patricia Granados Martínez², Leandro Carvalho Dantas Breda², Tatiana Rodrigues Fraga², Mónica Marcela Castiblanco Valencia², ¶ Angela Silva Barbosa³, Lourdes Isaac²</p>
12.06.2019	TÄ ¶nn-Kathrin Krieger	<p>Infection and Immunity, 2015</p> <p>Aerobactin, but Not Yersiniabactin, Salmochelin, or Enterobactin, Enables the Growth/Survival of Hypervirulent (Hypermucoviscous) <i>Klebsiella pneumoniae</i> Ex Vivo and In Vivo</p> <p>Thomas ¶. Russo, Ruth Olson, Ulrike MacDonald, Janet Beanan, Bruce ¶. Davidson</p>
19.06.2019	M. Sc. Christina Baumbach	<p>BMC Genomics, 2016</p> <p>Transcription profile of <i>Trichophyton rubrum</i> conidia grown on keratin reveals the induction of an adhesin-like protein gene with a tandem repeat pattern.</p> <p>Bitencourt et al</p>
26.06.2019	TÄ Carolin Liedel	<p>Reserch in Veterinary Science, 2018</p> <p>“Immunogenic characterization of vaccines based on <i>Haemophilus parasuis</i> Nagasaki strain, OmpP2, OmpP5 and OmpD15, in colostrum-deprived pigs experimentally challenged with the same strain”</p> <p>Álvaro Álvarez-Estrada, Sonia Martínez-Martínez, César-Bernardo Gutiérrez Martín, María-José García-Iglesias, Claudia Pérez-Martínez, Sheila Yubero-Delgado, João ¶ntônio Guizzo, Rafael Frandoloso, Elías-Fernando Rodríguez-Ferri</p>
03.07.2019	TÄ Sophie Öhlmann	<p>Front Immunol., 2018</p> <p>A Label-Free Quantitative Proteomic Analysis of Mouse Neutrophil Extracellular Trap Formation Induced by <i>Streptococcus suis</i> or Phorbol Myristate Acetate (PMA)</p> <p>Wang et al.</p>

Sommerpause		
21.08.2019	Prof. Dr. Wieland Schrödl	<p>PLoS Pathog. 2012;8(3):e1002521. Phosphorylcholine allows for evasion of bactericidal antibody by Haemophilus influenzae. Clark SE, Snow J, Li J, Zola T, Weiser JN.</p>
28.08.2019	TÄ Christine Weiße	<p>J Bacteriol. 2011 Oct; 193(19): 5073–5080. TroA of Streptococcus suis Is Required for Manganese Acquisition and Full Virulence^v Paul J. Wichgers Schreur,^{1,3,*} Johanna M. J. Rebel,¹ Mari M. Smits,^{1,2} Jos P. M. van Putten,³ and Hilde E. Smith¹</p>
04.09.2019	Prof. Dr. Christoph G. Baums	<p>J Infect Dis. 2019 Apr 8;219(8):1294-1306. A Novel Role for the Klebsiella pneumoniae Sap (Sensitivity to Antimicrobial Peptides) Transporter in Intestinal Cell Interactions, Innate Immune Responses, Liver Abscess, and Virulence. Hsu CR, Chang IW, Hsieh PF, Lin TL, Liu PY, Huang CH, Li KT, Wang JT</p>
11.09.2019	TÄ Jakob Lindenhahn	<p>Lett Appl Microbiol. 2010 Jan;50(1): Aspergillus fumigatus toxicity and gliotoxin levels in feedstuff for domestic animals and pets in Argentina^v G. Pena¹, C.M. Pereyra, M.R. Armando, S.M. Chiacchiera, C.E. Magnoli, J.L. Orlando, M.M. Dalcerro, C.R. Rosa and L.R. Cavaglieri</p>
18.09.2019	Dr. René Bergmann	<p>Nat Microbiol. 2018 Jan Dynamic biofilm architecture confers individual and collective mechanisms of viral protection. Vidakovic L, Singh PK, Hartmann R, Nadell CD, Drescher K</p>
25.09.2019	TÄ Leonie Mayer	<p>Transbound Emerg Dis. 2018 Nov 14. doi: 10.1111/tbed.13072. Porcine reproductive and respiratory syndrome virus NADC30-like strain accelerates Streptococcus suis serotype 2 infection in vivo and in vitro Li J1, Wang J1,2,3, Liu Y3, Yang J1, Guo L1, Ren S1, Chen Z1, Liu Z1,3, Zhang Y1, Qiu W1,2, Li Y4, Zhang S1,4, Yu J1, Wu J1,2,3,4.</p>
02.10.2019	TÄ Sophie Funk	<p>Vaccine 31 (2013) Intranasal immunization with a non-adjuvanted adhesive proteindescended from Pasteurella pneumotropica and its preventive efficacy against opportunistic infection in mice Hiraku Sasaki,*, Hiroki Ishikawa, Ken Kojima, Masahiro Itohd, Tetsuya Matsumoto, Takumi Itohe, Osamu Hosomia, Eiichi Kawamoto</p>

09.10.2019	TÄ Ann-Kathrin Krieger	mBio, 2018 Identification of Two Regulators of Virulence That Are Conserved in <i>Klebsiella pneumoniae</i> Classical and Hypervirulent Strains Michelle Palacios, Taryn . Miner, Daniel R. Frederick, Victoria E. Sepulveda, Joshua D. Quinn, Kimberly . Walker, Virginia L. Millera
16.10.2019	M. Sc. Christina Baumbach	Med Mycology, 2017 Modeling dermatophytosis in reconstructed human epidermis: A new tool to study infection mechanisms and to test antifungal agents. Faway et al
23.10.2019	TÄ Carolin Liedel	The FASEB Journal, 2019 “Functional definition of NrtR, a remnant regulator of NAD⁺ homeostasis in the zoonotic pathogen <i>Streptococcus suis</i>“ Qingjing Wang, Bachar H. Hassan, Ningjie Lou, Justin Merritt, and Youjun Feng
30.10.2019	TÄ Sophie Öhlmann	Mol. Microbiology 2003 Attenuated virulence of <i>Streptococcus agalactiae</i> deficient in D-alanyl-lipoteichoic acid is due to an increased susceptibility to defensins and phagocytic cells Poyart et al.
06.11.2019	Prof. Dr. Wieland Schrödl	Cell Microbiol. 2007; 9(3):804-16. Molecular mechanisms underlying the probiotic effects of <i>Escherichia coli</i> Nissle 1917 involve ZO-2 and PKCζ redistribution resulting in tight junction and epithelial barrier repair. Zyrek , Cichon C, Helms S, Enders C, Sonnenborn U, Schmidt M.
13.11.2019	TÄ Christine Weiße	Can J Vet Res. 2012 Jan; 76(1): 72–76. Inactivation of the gene encoding zinc-binding lipoprotein 103 impairs the infectivity of <i>Streptococcus suis</i> Jesús randa, Laura Teixidó, Nahuel Fittipaldi, Pilar Cortés, Montserrat Llagostera, Marcelo Gottschalk, and Jordi Barbé
19.11.2019	Prof. Dr. Christoph G. Baums	Front Immunol. 2018 Oct 2;9:2175. doi: 10.3389/fimmu.2018.02175. eCollection 2018. Growth Hormone (GH) Deficient Mice With GHRH Gene Ablation Are Severely Deficient in Vaccine and Immune Responses Against <i>Streptococcus pneumoniae</i>. Farhat K, Bodart G, Charlet-Renard C, Desmet CJ, Moutschen M, Beguin Y, Baron F, Melin P, Quatresooz P, Parent S, Desmecht D, Sirard JC, Salvatori R, Martens H, Geenen VG.

27.11.2019	TÄ Jakob Lindenhahn	<p>Front Immunol. 2018 Nov 6;9:2549</p> <p>Preparations for Invasion: Modulation of Host Lung Immunity During Pulmonary Aspergillosis by Gliotoxin and Other Fungal Secondary Metabolites</p> <p>Maykel Arias , Llipsy Santiago Pilar Lanuza, Eva M. Gálvez, Laura Comas</p>
04.12.2019	Dr. René Bergmann	<p>Virulence. 2018 Jan</p> <p>Streptococcus gallolyticus subsp. gallolyticus endocarditis isolate interferes with coagulation and activates the contact system.</p> <p>Isenring J, Köhler J, Nakata M, Frank M, Jans C, Renault P, Danne C, Dramsi S, Kreikemeyer B, Oehmcke-Hecht S</p>
11.12.2019	TÄ Leonie Mayer	<p>PLoS One. 2019 Jan 17;14(1):e0210801. doi: 10.1371/journal.pone.0210801. eCollection 2019.</p> <p>Molecular typing of Streptococcus suis strains isolated from diseased and healthy pigs between 1996-2016</p> <p>Prüfer TL1, Rohde J1, Verspohl J1, Rohde M2, de Greeff J3, Willenborg J1, Valentin-Weigand P1.</p>
18.12.2019	TÄ Sophie Funk	<p>Microbes and Infection 15 (2013)</p> <p>“Protective anti-outer membrane protein immunity against Pasteurella pneumotropica infection of mice”</p> <p>Sarah B. See*, Wayne R. Thomas</p>
Weihnachtspause		

= 23 Stunden