

**Infektionsmedizinisches Literaturseminar des  
Instituts für Bakteriologie und Mykologie 2016**

Datum, Uhrzeit	Referent	Thema
<b>27.01.2016</b> 8.30 Uhr - 9.30 Uhr	TÄ Viktoria Rungelrath	<u>Vet Microbiol.</u> 2015 Jul 9;178(1-2):99-104. <b>Recombination between <i>S.suis</i> ICESu32457 and <i>S.agalactiae</i> ICESa2603 yields a hybrid ICE transferable to <i>S.pyogenes</i>.</b> <u>Marini E, Palmieri C, Magi G, Facinelli B.</u>
<b>03.02.2016</b> 8.30 Uhr - 9.30 Uhr	Dr. René Bergmann	<u>Elife.</u> 2015 Jun 2;4. <b>An internal thioester in a pathogen surface protein mediates covalent host binding.</b> <u>Walden M, Edwards JM, Dziejulska AM, Bergmann R, Saalbach G, Kan SY, Miller OK, Weckener M, Jackson RJ, Shirran SL, Botting CH, Florence GJ, Rohde M, Banfield MJ, Schwarz-Linek U.</u>
<b>10.02.2016</b> 8.30 Uhr - 9.30 Uhr	TÄ Juliane Fornefett	<u>J Bacteriol.</u> 2009 Jun;191(11):3698-705. <b>Identification and Characterization of Hemolysin-Like Proteins Similar to RTX Toxin in <i>Pasteurella pneumotropica</i>.</b> <u>Sasaki H<sup>1</sup>, Kawamoto E, Tanaka Y, Sawada T, Kunita S, Yagami K.</u>
<b>17.02.2016</b> 8.30 Uhr - 9.30 Uhr	Dr. Anna Seydel	<u>Transbound Emerg Dis.</u> 2015 Dec 12. <b>Multiplex PCR and Microarray for Detection of Swine Respiratory Pathogens.</b> <u>Lung O, Ohene-Adjei S, Buchanan C, Joseph T, King R, Erickson A, Detmer S, Ambagala A.</u>
<b>24.02.2016</b> 8.30 Uhr - 9.30 Uhr	TÄ Karoline Schmitz von Hülst	<u>Infect Immun.</u> 2012 Jun;80(6):2212-20. <b>Neutralizing Antibodies Elicited by a Novel Detoxified Pneumolysin Derivative, PlyD1, Provide Protection against Both Pneumococcal Infection and Lung Injury.</b> <u>Salha D<sup>1</sup>, Szeto J, Myers L, Claus C, Sheung A, Tang M, Ljutic B, Hanwell D, Ogilvie K, Ming M, Messham B, van den Dobbela G, Hopfer R, Ochs MM, Gallichan S.</u>

<p><b>02.03.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Theresa Bartosch</p>	<p>Infect Immun. 2015 Apr; 83(4): 1705–1714. <b>Dermatophytes activate skin keratinocytes via mitogen-activated protein kinase signaling and induce immune responses.</b> <u>R Achterman, D L Moyes, S Thavaraj, A R Smith, K M Blair, T C White, J R Naglik</u></p>
<p><b>09.03.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Monika Harms</p>	<p>Vet Res. 2015 Jan 23;46:5. <b>Immune responses associated with homologous protection conferred by commercial vaccines for control of avian pathogenic E. coli in turkeys.</b> <u>Sadeyen JR, Wu Z, Davies H, van Diemen PM, Milicic A, La Ragione RM, Kaiser P, Stevens MP, Dziva F.</u></p>
<p><b>16.03.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>Tilo Heydel</p>	<p>J Clin Microbiol. 2009 Nov; 47(11): 3732–3734. <b>High Interlaboratory Reproducibility of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry-Based Species Identification of Nonfermenting Bacteria</b> <u>A. Mellmann, F. Bimet, C. Bizet, A. D. Borovskaya, R. R. Drake, U. Eigner, A. M. Fahr, Y. He, † E. N. Ilina, M. Kostrzewa, T. Maier, L. Mancinelli, W. Moussaoui, G. Prévost, L. Putignani, C. L. Seachord, Y. W. Tang, D. Harmsen.</u></p>
<p><b>30.03.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>PD Dr. Wieland Schrödl</p>	<p>Vet. Immunol. Immunopathol. 2010 Sep 15; 137(1-2):28-35. <b>Lipopolysaccharide-binding protein: Local expression in bovine extrahepatic tissues.</b> <u>Rahman MM, Lecchi C, Avallone G, Roccabianca P, Sartorelli P, Ceciliani F.</u></p>
<p><b>23.03.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>Prof. Dr. Christoph Baums</p>	<p>J Immunol. 2015 Dec 15; 195(12):5592-601. <b>The Bacterial Enzyme IdeS Cleaves the IgG-Type of B Cell Receptor (BCR), Abolishes BCR-Mediated Cell Signaling, and Inhibits Memory B Cell Activation.</b> <u>Järnum S, Bockermann R, Runström A, Winstedt L, Kjellman C.</u></p>

Datum, Uhrzeit	Referent	Thema
<p><b>06.04.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Viktoria Rungelrath</p>	<p><u>PLoS One</u>. 2015 Jun 25;10(6):e0130528 <b>Isolation, Characterization and Biological Properties of Membrane Vesicles Produced by the Swine Pathogen Streptococcus suis.</b> <u>Haas B, Grenier D.</u></p>
<p><b>13.04.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>Dr. René Bergmann</p>	<p><u>Pathog Dis</u>. 2013 Apr;67(3):174-83. <b>Contribution of fibronectin-binding protein to pathogenesis of Streptococcus equi ssp. zooepidemicus.</b> <u>Yi L, Wang Y, Ma Z, Zhang H, Li Y, Zheng JX, Yang YC, Lu CP, Fan HJ.</u></p>
<p><b>20.04.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Juliane Fornefett</p>	<p><u>Vaccine</u>. 2013 Nov 19;31(48):5729-35. <b>Intranasal immunization with a non- adjuvanted adhesive protein descended from Pasteurella pneumotropica and its preventive efficacy against opportunistic infection in mice.</b> <u>Sasaki H, Ishikawa H, Kojima K, Itoh M, Matsumoto T, Itoh T, Hosomi O, Kawamoto E.</u></p>
<p><b>27.04.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>Dr. Anna Seydel</p>	<p><u>Vet. Immunol. Immunopathol</u>. 2015 Dec 10 <b>Leptospira spp.: Novel insights into host-pathogen interactions,</b> <u>L G Fernandes, G H Siqueira, A R.F. Teixeira, L P Silva, J M Figueredo, M R Cosate, M L Vieira, A O Nascimento</u></p>
<p><b>04.05.2016</b> 8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Karoline Schmitz von Hülst</p>	<p><u>Multidiscip Respir Med</u>. 2014 Feb 11; 9(1):10. <b>Evaluation of pulmonary dysfunctions and acid-base imbalances induced by Chlamydia psittaci in a bovine model of respiratory infection</b> <u>Ostermann C, Linde S, Siegling-Vlitakis C, Reinhold P.</u></p>

<p><b>11.05.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Theresa Bartosch</p>	<p><u>Vaccine</u>. 2007 Nov 14;25(46):7948-54  <b>A correlation of <i>in vitro</i> tests for the immune response detection: A bovine trichophytosis model.</b>  <u>Faldyna M<sup>1</sup></u>, <u>Oborilova E</u>, <u>Krejci J</u>, <u>Tesarik R</u>, <u>Krejci E</u>, <u>Pavlova B</u>, <u>Rybnikar A</u>.</p>
<p><b>18.05.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Monika Harms</p>	<p><u>Appl Environ Microbiol</u>. 2011 Aug; 77(15): 5402-11.  <b>Lactobacilli Antagonize the Growth, Motility, and Adherence of <i>Brachyspira pilosicoli</i>: a Potential Intervention against Avian Intestinal Spirochetosis.</b>  <u>Mappley LJ<sup>1</sup></u>, <u>Tchórzewska MA</u>, <u>Cooley WA</u>, <u>Woodward MJ</u>, <u>La Ragione RM</u>.</p>
<p><b>25.05.2015</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>Tilo Heydel</p>	<p><u>J Clin Microbiol</u>. 2008 Feb; 46(2):540-5.  <b>Multiplex Detection of Human Herpesviruses from Archival Specimens by Using Matrix - Assisted Laser Desorption Ionization - Time of Flight Mass Spectrometry.</b>  <u>Sjöholm MI</u>, <u>Dillner J</u>, <u>Carlson J</u>.</p>
<p><b>01.06.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>PD Dr. Wieland Schrödl</p>	<p><u>Vet Dermatol</u>. 2001 Apr; 12(2):75-80.  <b>In vitro release of interferon-gamma by trichophytin-stimulated whole blood cell cultures from ringworm-vaccinated and control calves experimentally inoculated.</b>  <u>Lund A<sup>1</sup></u>, <u>Bratberg AM</u>, <u>Solbakk IT</u>.</p>
<p><b>08.06.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>Prof. Dr. Christoph Baums</p>	<p><u>Microbiology</u>. 2012 Jul; 158(Pt 7):1867-73.  <b>Mycoplasma polysaccharide protects against complement.</b>  <u>Bolland JR1</u>, <u>Simmons WL</u>, <u>Daubenspeck JM</u>, <u>Dybvig K</u>.</p>

Datum, Uhrzeit	Referent	Thema
<p><b>15.06.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	TÄ Viktoria Rungelrath	<p><u>PLoS One</u>. 2014 Jun 26;9(6):e99394  <b>Control of Competence for DNA Transformation in <i>S.suis</i> by Genetically Transferable Pherotypes.</b>  <u>Zaccaria E, van Baarlen P, de Greeff A, Morrison DA, Smith H, Wells JM.</u></p>
<p><b>22.06.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	Dr. René Bergmann	<p><u>PLoS One</u>. 2008 Aug 21;3(8):e3026  <b>Genome sequence of a Lancefield group C <i>Streptococcus zooepidemicus</i> strain causing epidemic nephritis: new information about an old disease.</b>  <u>Beres SB, Sesso R, Pinto SW, Hoe NP, Porcella SF, Deleo FR, Musser JM.</u></p>
<p><b>29.06.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	TÄ Juliane Fornefett	<p><u>PLoS One</u>. 2015 Oct 2;10(10)  <b>Characterization of Biofilm Formation in <i>Pasteurella pneumotropica</i> and <i>Actinobacillus muris</i> Isolates of Mouse Origin.</b>  <u>Sager M, Benten WP, Engelhardt E, Gougoula C, Benga L.</u></p>
<p><b>06.07.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	Dr. Anna Seydel	<p><u>BMC Res Notes</u>. 2015 Oct 26; 8:607.  <b>Interactions of <i>Streptococcus suis</i> serotype 2 with human meningeal cells and astrocytes.</b>  <u>Auger JP, Christodoulides M, Segura M, Xu J, Gottschalk M.</u></p>
<p><b>13.07.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	TÄ Karoline Schmitz von Hülst	<p><u>Front Public Health</u>. 2015 Aug 21; 3:202.  <b>Assessment of MALDI-TOF MS as Alternative Tool for <i>Streptococcus suis</i> Identification.</b>  <u>Pérez-Sancho M, Vela AI, García-Seco T, Gottschalk M, Domínguez L, Fernández-Garayzábal JF.</u></p>
<p><b>20.07.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	TÄ Theresa Bartosch	<p><u>FEMS Microbiol Lett</u>. 2007 Feb;267(1):95-101.  <b>Closely related dermatophyte species produce different patterns of secreted proteins.</b>  <u>Giddey K<sup>1</sup>, Favre B, Quadroni M, Monod M.</u></p>

<p><b>27.07.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>TÄ Monika Harms</p>	<p><u>J Clin Microbiol.</u> 2008 Feb;46(2):593-600.  <b>Identification of <i>Brachyspira hyodysenteriae</i> and other pathogenic <i>Brachyspira</i> species in chickens from laying flocks with diarrhea or reduced production or both.</b>  <u>Feberwee A<sup>1</sup>, Hampson DJ, Phillips ND, La T, van der Heijden HM, Wellenberg GJ, Dwars RM, Landman WJ.</u></p>
<p><b>03.08.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>Tilo Heydel</p>	<p><u>Microchim Acta</u> 2015; 182:2259–2266.  <b>Surface - enhanced Raman scattering detection of bacteria on microarrays at single cells levels using silver nanoparticles.</b>  <u>H Zhou, D Yang, NE Mircescu, NP Ivleva, K Schwarzmeier, A Wieser, S Schubert, R Niessner, C Haisch</u></p>
<p><b>10.08.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>PD Dr. Wieland Schrödl</p>	<p><u>Vet Res.</u> 2011 Mar 17; 42(1): 50.  <b>Optimal combinations of acute phase proteins for detecting infectious disease in pigs.</b>  <u>P MH Heegaard, A Stockmarr, M Piñeiro, R Carpintero, F Lampreave, FM Campbell, P D Eckersall, M JM Toussaint, E Gruys, N Sorensen</u></p>
<p><b>17.08.2016</b></p> <p>8.30 Uhr - 9.30 Uhr</p>	<p>Prof. Dr. Christoph Baums</p>	<p><u>J Immunol.</u> 2014 Dec 15; 193(12):6161-71.  <b>The extracellular adherence protein from <i>Staphylococcus aureus</i> inhibits the classical and lectin pathways of complement by blocking formation of the C3 proconvertase.</b>  <u>Woehl JL, Stapels DA, Garcia BL, Ramyar KX, Keightley A, Ruyken M, Syriga M, Sfyroera G, Weber AB, Zolkiewski M, Ricklin D, Lambris JD, Rooijackers SH, Geisbrecht BV</u></p>