
Publications with DZIF Affiliations from 2017

Statistics

Month	Publications
January	55
February	35
March	37
April	41
May	29
June	47
July	46
August	43
September	44
October	48
November	56
December	39
Total	520

January

1. **Adamek M, Spohn M, Stegmann E, Ziemert N.** 2017. Mining Bacterial Genomes for Secondary Metabolite Gene Clusters. *Methods in molecular biology* (Clifton, N.J.) **1520**:23-47.
2. **Ahrenstorf G, Low HZ, Kniesch K, Ordonez D, Meyer-Olson D, Ahmad F, Kucherer C, Gunsenheimer-Bartmeyer B, Stoll M, Matthias T, Schmidt RE, Witte T.** 2017. LILRA3 deletion is a genetic risk factor of HIV infection. *AIDS* (London, England) **31**:25-34.
3. **Ajileye A, Alvarez N, Merker M, Walker TM, Akter S, Brown K, Moradigaravand D, Schon T, Andres S, Schleusener V, Omar SV, Coll F, Huang H, Diel R, Ismail N, Parkhill J.** 2017. Some synonymous and non-synonymous *gyrA* mutations in *Mycobacterium tuberculosis* lead to systematic false-resistance results to fluoroquinolones with the Hain GenoType MTBDRsl assays. *Antimicrobial agents and chemotherapy*.
4. **Allweiss L, Lutgehetmann M, Dandri M.** 2017. Immunofluorescent Staining for the Detection of the Hepatitis B Core Antigen in Frozen Liver Sections of Human Liver Chimeric Mice. *Methods in molecular biology* (Clifton, N.J.) **1540**:135-142.
5. **Angin M, Fathi A, King M, Ledoux MB, Piechocka-Trocha A, Altfeld M, Addo MM.** 2017. Acute HIV-1 infection is associated with increased plasma levels of heme oxygenase-1 (HO-1) and presence of HO-1-specific regulatory T cells. *AIDS* (London, England).
6. **Autenrieth IB.** 2017. The microbiome in health and disease: a new role of microbes in molecular medicine. *Journal of molecular medicine* (Berlin, Germany) **95**:1-3.
7. **Babu Rajendran N, Gladstone BP, Rodriguez-Bano J, Sifakis F, Voss A, Carmeli Y, Burkert FR, Gkolia P, Tacconelli E.** 2017. Epidemiology and control measures of outbreaks due to Antibiotic-Resistant organisms in Europe (EMBARGO): a systematic review protocol. *BMJ open* **7**:e013634.
8. **Becker N, Schon S, Klein AM, Ferstl I, Kizgin A, Tannich E, Kuhn C, Pluskota B, Jost A.** 2017. First mass development of *Aedes albopictus* (Diptera: Culicidae)-its surveillance and control in Germany. *Parasitology research*.
9. **Bleiziffer I, Eikmeier J, Pohlentz G, McAulay K.** 2017. The Plasmin-Sensitive Protein PIs in Methicillin-Resistant *Staphylococcus aureus* (MRSA) Is a Glycoprotein. *PLoS pathogens* **13**:e1006110.
10. **Cadar D, Luhken R, van der Jeugd H, Garigliany M, Ziegler U, Keller M, Lahoreau J, Lachmann L, Becker N, Kik M, Oude Munnink BB, Bosch S, Tannich E, Linden A, Schmidt V, Koopmans MP, Rijks J, Desmecht D, Groschup MH, Reusken C, Schmidt-Chanasit J.** 2017. Widespread activity of multiple lineages of Usutu virus, western Europe, 2016. *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin* **22**.
11. **Dannheim H, Riedel T, Neumann-Schaal M, Bunk B, Schober I, Sproer C, Chibani CM, Gronow S, Liesegang H, Overmann J, Schomburg D.** 2017. Manual curation and reannotation of the genomes of *Clostridium difficile* 630Deltaerm and *Clostridium difficile* 630. *Journal of medical microbiology*.
12. **Debarry J, Cornberg M, Manns MP.** 2017. Challenges in warranting access to prophylaxis and therapy for hepatitis B virus infection. *Liver international : official journal of the International Association for the Study of the Liver* **37 Suppl 1**:67-72.
13. **Dietzel E, Schudt G, Krahling V, Matrosovich M, Becker S.** 2017. Functional Characterization of Adaptive Mutations during the West African Ebola Virus Outbreak. *Journal of virology* **91**.
14. **Egere U, Togun T, Sillah A, Mendy F, Otu J, Hoelscher M, Heinrich N, Hill PC, Kampmann B.** 2017. Identifying children with tuberculosis among household contacts in The Gambia. *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease* **21**:46-52.
15. **Eibach D, Nagel M, Hogan B, Azuure C, Krumkamp R, Dekker D, Gajdiss M, Brunke M, Sarpong N, Owusu-Dabo E, May J.** 2017. Nasal Carriage of *Staphylococcus aureus* among Children in the Ashanti Region of Ghana. *PloS one* **12**:e0170320.
16. **Fiebig L, Kohl TA, Popovici O, Muhlenfeld M, Indra A, Homorodean D, Chiotan D, Richter E, Rusch-Gerdes S, Schmidgruber B, Beckert P, Hauer B, Niemann S, Allerberger F, Haas W.** 2017. A joint cross-border investigation of a cluster of multidrug-resistant tuberculosis in Austria, Romania and Germany in 2014 using classic, genotyping and whole genome sequencing methods: lessons learnt. *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin* **22**.
17. **Froeschl G, Huber K, von Sonnenburg F, Nothdurft HD, Bretzel G, Hoelscher M, Zoeller L, Trottmann M, Pan-Montojo F, Dobler G, Woelfel S.** 2017. Long-term kinetics of Zika virus RNA and antibodies in body fluids of a vasectomized traveller returning from Martinique: a case report. *BMC infectious diseases* **17**:55.

18. **Groeger S, Jarzina F, Domann E, Meyle J.** 2017. Porphyromonas gingivalis activates NFkappaB and MAPK pathways in human oral epithelial cells. *BMC immunology* **18**:1.
19. **Guenther S, Falgenhauer L, Semmler T, Imirzalioglu C, Chakraborty T, Roesler U, Roschanski N.** 2017. Environmental emission of multiresistant Escherichia coli carrying the colistin resistance gene mcr-1 from German swine farms. *The Journal of antimicrobial chemotherapy*.
20. **Hall T, Marzan C, Fowler VG, Jr., Chambers HF, Bonomo RA, Falgenhauer L, Ghosh H, Doijad S, Yao Y, Bunk B, Sproer C, Kaase M, Hilker R, Overmann J, Imirzalioglu C, Chakraborty T.** 2017. Genome analysis of the carbapenem- and colistin-resistant Escherichia coli isolate NRZ14408 reveal horizontal gene transfer pathways towards pan-resistance and enhanced virulence. *Journal of clinical microbiology*.
21. **Heitmann A, Jansen S, Luhken R, Leggewie M, Badusche M, Pluskota B, Becker N, Vapalahti O, Schmidt-Chanasit J, Tannich E.** 2017. Experimental transmission of Zika virus by mosquitoes from central Europe. *Euro surveillance : bulletin European sur les maladies transmissibles = European communicable disease bulletin* **22**.
22. **Hoos J, Peters RM, Tabatabai J, Grulich-Henn J, Schnitzler P, Pfeil J.** 2017. Reverse-transcription loop-mediated isothermal amplification for rapid detection of respiratory syncytial virus directly from nasopharyngeal swabs. *Journal of virological methods*.
23. **Imirzalioglu C, Falgenhauer L, Schmiedel J, Waezsada SE, Gwozdziński K, Roschanski N, Roesler U, Kreienbrock L, Schiffmann AP, Irrgang A, Kasbohrer A, Bauerfeind R, Domann E, Chakraborty T.** 2017. Evaluation of a LAMP-based assay for the rapid detection of plasmid-encoded colistin resistance gene mcr-1 in Enterobacteriaceae isolates. *Antimicrobial agents and chemotherapy*.
24. **Keib A, Gunther PS, Faist B, Halenius A, Busch DH, Neuenhahn M, Jahn G, Dennehy KM.** 2017. Presentation of a Conserved Adenoviral Epitope on HLA-C*0702 Allows Evasion of Natural Killer but Not T Cell Responses. *Viral immunology*.
25. **Khera T, Todt D, Vercauteren K, McClure CP, Verhoye L, Farhoudi A, Bhujju S, Geffers R, Baumert TF, Steinmann E, Meuleman P, Pietschmann T, Brown RJ.** 2017. Tracking HCV protease population diversity during transmission and susceptibility of founder populations to antiviral therapy. *Antiviral research* **139**:129-137.
26. **Klarmann-Schulz U, Specht S, Debrah AY, Batsa L, Ayisi-Boateng NK, Osei-Mensah J, Mubarik Y, Konadu P, Ricchiuto A, Fimmers R, Arriens S, Dubben B, Ford L, Taylor M, Hoerauf A.** 2017. Comparison of Doxycycline, Minocycline, Doxycycline plus Albendazole and Albendazole Alone in Their Efficacy against Onchocerciasis in a Randomized, Open-Label, Pilot Trial. *PLoS neglected tropical diseases* **11**:e0005156.
27. **Konig A, Glebe D.** 2017. Live Cell Imaging Confocal Microscopy Analysis of HBV Myr-PreS1 Peptide Binding and Uptake in NTCP-GFP Expressing HepG2 Cells. *Methods in molecular biology (Clifton, N.J.)* **1540**:27-36.
28. **Larsen J, Andersen PS, Winstel V, Peschel A.** 2017. Staphylococcus aureus CC395 harbours a novel composite staphylococcal cassette chromosome mec element. *The Journal of antimicrobial chemotherapy*.
29. **Liu X, Speranza E, Munoz-Fontela C, Haldenby S, Rickett NY, Garcia-Dorival I, Fang Y, Hall Y, Zekeng EG, Ludtke A, Xia D, Kerber R, Krumkamp R, Duraffour S, Sissoko D, Kenny J, Rockliffe N, Williamson ED, Laws TR, N'Faly M, Matthews DA, Gunther S, Cossins AR, Sprecher A, Connor JH, Carroll MW, Hiscox JA.** 2017. Transcriptomic signatures differentiate survival from fatal outcomes in humans infected with Ebola virus. *Genome biology* **18**:4.
30. **Lutz P, M MH, Pohlmann A, Lehmann J, Jansen C, Schierwagen R, Klein S, Strassburg CP, Spengler U, Trebicka J.** 2017. MicroRNA-155 is upregulated in ascites in patients with spontaneous bacterial peritonitis. *Scientific reports* **7**:40556.
31. **Manego RZ, Mombo-Ngoma G, Witte M, Held J, Gmeiner M, Gebru T, Tazemda B, Mischlinger J, Groger M, Lell B, Adegnika AA, Agnandji ST, Kreamsner PG, Mordmuller B, Ramharter M.** 2017. Demography, maternal health and the epidemiology of malaria and other major infectious diseases in the rural department Tsamba-Magotsi, Ngounie Province, in central African Gabon. *BMC public health* **17**:130.
32. **Matsiegui PB, Mejias-Luque R, Gerhard M.** 2017. Immune Evasion Strategies and Persistence of Helicobacter pylori. *BMC public health* **400**:53-71.
33. **Mellmann A, Andersen PS, Bletz S, Friedrich AW, Kohl TA, Lilje B, Niemann S, Prior K, Rossen JW, Harmsen D.** 2017. High Interlaboratory Reproducibility and Accuracy of Next-Generation Sequencing-Based Bacterial Genotyping in a Ring-Trial. *Journal of clinical microbiology*.

34. **Mischnik A, Baumert P, Hamprecht A, Rohde AM, Peter S, Feihl S, Knobloch J, Golz H, Kola A, Obermann B, Querbach C, Willmann M, Gebhardt F, Tacconelli E, Gastmeier P, Seifert H, Kern WV.** 2017. In vitro susceptibility to 19 agents other than beta-lactams among third-generation cephalosporin-resistant Enterobacteriaceae recovered on hospital admission. *The Journal of antimicrobial chemotherapy*.
35. **Mombo IM, Lukashev AN, Bleicker T, Brunink S, Berthet N, Maganga GD, Durand P, Arnathau C, Boundenga L, Ngoubangoye B, Boue V, Liegeois F, Ollomo B, Prugnonne F, Drexler JF, Drosten C, Renaud F, Rougeron V, Leroy E.** 2017. African Non-Human Primates Host Diverse Enteroviruses. *PLoS one* **12**:e0169067.
36. **Navarro M, Berens-Riha N, Hohnerlein S, Seiringer P, von Saldern C, Garcia S, Blasco-Hernandez T, Navaza B, Shock J, Bretzel G, Hoelscher M, Loscher T, Albajar-Vinas P, Pritsch M.** 2017. Cross-sectional, descriptive study of Chagas disease among citizens of Bolivian origin living in Munich, Germany. *BMJ open* **7**:e013960.
37. **Palacios-Baena ZR, Gutierrez-Gutierrez B, De Cueto M, Viale P, Venditti M, Hernandez-Torres A, Oliver A, Martinez-Martinez L, Calbo E, Pintado V, Gasch O, Almirante B, Antonio Lepe J, Pitout J, Akova M, Pena-Miralles C, Schwaber MJ, Tumbarello M, Tacconelli E, Origen J, Prim N, Bou G, Giamarellou H, Bermejo J, Hamprecht A, Perez F, Almela M, Lowman W, Hsueh PR, Navarro-San Francisco C, Torre-Cisneros J, Carmeli Y, Bonomo RA, Paterson DL, Pascual A, Rodriguez-Bano J.** 2017. Development and validation of the INCREMENT-ESBL predictive score for mortality in patients with bloodstream infections due to extended-spectrum-beta-lactamase-producing Enterobacteriaceae. *Journal of medicinal chemistry*.
38. **Pegoraro S, Duffey M, Otto TD.** 2017. SC83288 is a clinical development candidate for the treatment of severe malaria. *Nature communications* **8**:14193.
39. **Peters RM, Schnee SV, Tabatabai J, Schnitzler P, Pfeil J.** 2017. Evaluation of Alere i RSV for rapid detection of respiratory syncytial virus in children hospitalized with acute respiratory tract infection. *Journal of clinical microbiology*.
40. **Pietschmann T.** 2017. Clinically Approved Ion Channel Inhibitors Close Gates for Hepatitis C Virus and Open Doors for Drug Repurposing in Infectious Viral Diseases. *Journal of virology* **91**.
41. **Pulcini C, Tebano G, Mutters NT, Tacconelli E, Cambau E, Kahlmeter G, Jarlier V.** 2017. Selective reporting of antibiotic susceptibility test results in European countries: an ESCMID cross-sectional survey. *International journal of antimicrobial agents*.
42. **Rox K, Rohde M, Chhatwal GS, Muller R.** 2017. Disorazoles Block Group A Streptococcal Invasion into Epithelial Cells Via Interference with the Host Factor Ezrin. *Cell chemical biology*.
43. **Sa ECC, Nyboer B, Heiss K, Sanches-Vaz M, Fontinha D, Wiedtke E, Grimm D, Przyborski JM, Mota MM, Prudencio M, Mueller AK.** 2017. Plasmodium berghei EXP-1 interacts with host Apolipoprotein H during Plasmodium liver-stage development. *Proceedings of the National Academy of Sciences of the United States of America*.
44. **Schlott F, Steubl D, Hoffmann D, Matevossian E, Lutz J, Heemann U, Hosel V, Busch DH, Renders L, Neuenhahn M.** 2017. Primary Cytomegalovirus Infection in Seronegative Kidney Transplant Patients Is Associated with Prolonged Cold Ischemic Time of Seropositive Donor Organs. *PLoS one* **12**:e0171035.
45. **Schober T, Magg T, Laschinger M, Rohlf M, Linhares ND, Puchalka J, Weisser T, Fehlner K, Mautner J, Walz C, Hussein K, Jaeger G, Kammer B, Schmid I, Bahia M, Pena SD, Behrends U, Belohradsky BH, Klein C, Hauck F.** 2017. A human immunodeficiency syndrome caused by mutations in CARMIL2. *Nature communications* **8**:14209.
46. **Sethi MK, Thol F, Stadler M, Heuser M, Ganser A, Koenecke C, Pabst O.** 2017. VH1 Family Immunoglobulin Repertoire Sequencing after Allogeneic Hematopoietic Stem Cell Transplantation. *PLoS one* **12**:e0168096.
47. **Sissoko D, Duraffour S, Kerber R, Kolie JS, Beavogui AH, Camara AM, Colin G, Rieger T, Oestereich L, Palyi B, Wurr S, Guedj J, Nguyen TH, Eggo RM, Watson CH, Edmunds WJ, Bore JA, Koundouno FR, Cabeza-Cabrerizo M, Carter LL, Kafetzopoulou LE, Kuisma E, Michel J, Patrono LV, Rickett NY, Singethan K, Rudolf M, Lander A, Pallasch E, Bockholt S, Rodriguez E, Di Caro A, Wolfel R, Gabriel M, Gurry C, Formenty P, Keita S, Malvy D, Carroll MW, Anglaret X, Gunther S.** 2017. Persistence and clearance of Ebola virus RNA from seminal fluid of Ebola virus disease survivors: a longitudinal analysis and modelling study. *The Lancet. Global health* **5**:e80-e88.
48. **Solbach P, Honer Zu Siederdisen C, Taubert R, Ziegert S, Port K, Schneider A, Hueper K, Manns MP, Wedemeyer H, Jaeckel E.** 2017. Home-based drainage of refractory ascites by a permanent-tunneled peritoneal catheter can safely replace large-volume paracentesis. *European journal of gastroenterology & hepatology*.

49. **Sothmann P, Keller C, Krumkamp R, Kreuels B, Aldrich C, Sarpong N, Steierberg S, Winter D, Boahen KG, Owusu-Dabo E, May J, Eibach D.** 2017. Rickettsia felis Infection in Febrile Children, Ghana. *The American journal of tropical medicine and hygiene.*
50. **Todt D, Schlevogt B, Deterding K, Grundhoff A, Manns MP, Wedemeyer H, Fischer N, Cornberg M, Steinmann E.** 2017. Successful retreatment of a patient with chronic hepatitis C genotype 2k/1b virus with ombitasvir/paritaprevir/ritonavir plus dasabuvir. *The Journal of antimicrobial chemotherapy.*
51. **Vehreschild JJ, Heussel CP, Groll AH, Vehreschild MJ, Silling G, Wurthwein G, Brecht M, Cornely OA.** 2017. Serial assessment of pulmonary lesion volume by computed tomography allows survival prediction in invasive pulmonary aspergillosis. *European radiology.*
52. **Wanner S, Schade J, Keinhorster D, Weller N, George SE, Kull L, Bauer J, Grau T, Winstel V, Stoy H, Kretschmer D, Kolata J, Wolz C, Broker BM, Weidenmaier C.** 2017. Wall teichoic acids mediate increased virulence in *Staphylococcus aureus*. *Nature microbiology* **2**:16257.
53. **Wilcox MH, Gerding DN, Poxton IR, Kelly C, Nathan R, Birch T, Cornely OA, Rahav G, Bouza E, Lee C, Jenkin G, Jensen W, Kim YS, Yoshida J, Gabryelski L, Pedley A, Eves K, Tipping R, Guris D, Kartsonis N, Dorr MB.** 2017. Bezlotoxumab for Prevention of Recurrent *Clostridium difficile* Infection. *Nature microbiology* **376**:305-317.
54. **Xia Y, Protzer U.** 2017. Control of Hepatitis B Virus by Cytokines. *Viruses* **9**.
55. **Yao Y, Falgenhauer L, Kempf VA, Hogardt M, Gottig S, Imirzalioglu C, Chakraborty T.** 2017. Draft Genome Sequences of Pandrug-Resistant *Serratia marcescens* Clinical Isolates Harboring bla_{NDM-1}. *Genome announcements* **5**.

February

56. **Baldauf HM, Stegmann L, Schwarz SM, Ambiel I, Trotard M, Martin M, Burggraf M, Lenzi GM, Lejk H, Pan X, Fregoso OI, Lim ES, Abraham L, Nguyen LA, Rutsch F, Konig R, Kim B, Emerman M, Fackler OT, Keppler OT.** 2017. Vpx overcomes a SAMHD1-independent block to HIV reverse transcription that is specific to resting CD4 T cells. *Proceedings of the National Academy of Sciences of the United States of America*.
57. **Boesecke C, Singh GK, Scholten SH, Lutz T, Baumgarten A, Schneeweiss SM, Trein A, Rausch M, Ingiliz P, Rockstroh JK, Nelson M.** 2017. Telaprevir-containing triple therapy in acute HCV coinfection: The CHAT Study. *Antiviral therapy*.
58. **Buchmann B, Dohner K, Schirdewahn T, Sodeik B, Manns MP, Wedemeyer H, Ciesek S, von Hahn T.** 2017. A screening assay for the identification of host cell requirements and antiviral targets for hepatitis D virus infection. *Antiviral research*.
59. **Budaszewski RD, Hudacek A, Sawatsky B, Kramer B, Xiangping Y, Schnell MJ.** 2017. Inactivated Recombinant Rabies Viruses Displaying the Canine Distemper Virus Glycoproteins Induce Protective Immunity Against Both Pathogens. *Journal of virology*.
60. **Caskey M, Schoofs T, Gruell H, Settler A, Karagounis T, Kreider EF.** 2017. Antibody 10-1074 suppresses viremia in HIV-1-infected individuals. *Nature medicine* **23**:185-191.
61. **Cortese M, Goellner S, Acosta EG, Neufeldt CJ, Oleksiuk O, Lampe M, Haselmann U, Funaya C, Schieber N, Ronchi P, Schorb M, Pruunsild P, Schwab Y, Chatel-Chaix L, Ruggieri A, Bartenschlager R.** 2017. Ultrastructural Characterization of Zika Virus Replication Factories. *Cell reports* **18**:2113-2123.
62. **Donner J, Bunk B, Schober I, Sproer C, Bergmann S, Jarek M, Overmann J, Wagner-Dobler I.** 2017. Complete Genome Sequences of Three Multidrug-Resistant Clinical Isolates of *Streptococcus pneumoniae* Serotype 19A with Different Susceptibilities to the Myxobacterial Metabolite Carolacton. *Genome announcements* **5**.
63. **Duran Graeff L, Seidel D, Vehreschild MJ, Hamprecht A, Kindo A, Racil Z, Demeter J, De Hoog S, Aurbach U, Ziegler M, Wisplinghoff H, Cornely OA.** 2017. Invasive infections due to *Saprochaete* and *Geotrichum* species: Report of 23 cases from the FungiScope Registry. *Mycoses*.
64. **Fedry J, Liu Y, Pehau-Arnaudet G, Pei J, Li W, Tortorici MA, Traincard F, Meola A, Bricogne G, Grishin NV, Snell WJ, Rey FA, Krey T.** 2017. The Ancient Gamete Fusogen HAP2 Is a Eukaryotic Class II Fusion Protein. *Cell* **168**:904-915.e910.
65. **Fu C, Auerbach D, Li Y, Scheid U, Luxenburger E, Garcia R, Irschik H, Muller R.** 2017. Solving the Puzzle of One-Carbon Loss in Ripostatin Biosynthesis. *Angewandte Chemie (International ed. in English)* **56**:2192-2197.
66. **Hoan NX, Van Tong H, Giang DP, Cuong BK, Toan NL, Wedemeyer H, Bock CT, Kreamsner PG, Song LH, Velavan TP.** 2017. SOCS3 genetic variants and promoter hypermethylation in patients with chronic hepatitis B. *Oncotarget*.
67. **Janke C, Heim KM, Steiner F, Massaquoi M, Gbanya MZ, Frey C, Froeschl G.** 2017. Beyond Ebola treatment units: severe infection temporary treatment units as an essential element of Ebola case management during an outbreak. *BMC infectious diseases* **17**:124.
68. **Junglen S, Korries M, Grasse W, Wieseler J, Kopp A, Hermanns K, Leon-Juarez M, Drosten C, Kummerer BM.** 2017. Host Range Restriction of Insect-Specific Flaviviruses Occurs at Several Levels of the Viral Life Cycle. *mSphere* **2**.
69. **Kloss F, Krchnak V, Krchnakova A, Schieferdecker S, Dreisbach J, Krone V, Mollmann U, Hoelscher M, Miller MJ.** 2017. In Vivo Dearomatization of the Potent Antituberculosis Agent BTZ043 via Meisenheimer Complex Formation. *Angewandte Chemie (International ed. in English)* **56**:2187-2191.
70. **Kroidl A, Ello F, Mgaya J, Lennemann T, Moh R, Maganga L, Eholie S, Pruvost A, Saathoff E, Girard PM, Zuhse R, von Massow F, Anglaret X, Hoelscher M, Danel C.** 2017. Virological efficacy of 24-week fozivudine-based regimen in ART-naive patients from Tanzania and Cote d'Ivoire. *AIDS (London, England)* **31**:501-509.
71. **Kuhnert E, Surup F, Halecker S, Stadler M.** 2017. Minutellins A - D, azaphilones from the stromata of *Annulohyphoxylon minutellum* (Xylariaceae). *Phytochemistry*.
72. **Lougiakis N, Frakolaki E, Karmou P, Pouli N, Marakos P, Madan V, Bartenschlager R, Vassilaki N.** 2017. Novel nucleoside analogues targeting HCV replication through an NS5A-dependent inhibition mechanism. *Chemical biology & drug design*.
73. **Loy A, Pfann C, Steinberger M, Hanson B, Herp S, Brugiroux S, Gomes Neto JC, Boekschoten MV, Schwab C, Urich T, Ramer-Tait AE, Rattei T, Stecher B, Berry D.** 2017. Lifestyle and Horizontal Gene Transfer-Mediated Evolution of *Mucispirillum schaedleri*, a Core Member of the Murine Gut Microbiota. *mSystems* **2**.

74. **Mannala GK, Hain T, Sproer C, Bunk B, Overmann J, Alt V, Domann E.** 2017. Complete Genome and Plasmid Sequences of *Staphylococcus aureus* EDCC 5055 (DSM 28763), Used To Study Implant-Associated Infections. *Genome announcements* **5**.
75. **Maraolo AE, Ong DS, Cortez J, Dedic K, Dusek D, Martin-Quiros A, Maver PJ, Skevaki C, Yusuf E, Poljak M, Sanguinetti M, Tacconelli E.** 2017. Personal life and working conditions of trainees and young specialists in clinical microbiology and infectious diseases in Europe: a questionnaire survey. *European journal of clinical microbiology & infectious diseases* : official publication of the European Society of Clinical Microbiology.
76. **Muller JA, Harms M, Schubert A, Mayer B, Jansen S, Herbeuval JP, Michel D, Mertens T, Vapalahti O, Schmidt-Chanasit J, Munch J.** 2017. Development of a high-throughput colorimetric Zika virus infection assay. *Medical microbiology and immunology*.
77. **Musiol-Kroll EM, Zubeil F, Schafhauser T, Hartner T, Kulik A, McArthur J, Koryakina I, Wohlleben W, Grond S, Williams GJ.** 2017. Polyketide Bioderivatization Using the Promiscuous Acyltransferase KirCII. *ACS synthetic biology*.
78. **Neuenhahn M, Albrecht J, Odendahl M, Schlott F, Dossinger G, Schiemann M, Lakshminpathi S, Martin K, Bunjes D, Harsdorf S, Weissinger EM, Menzel H, Verbeek M, Uharek L, Kroger N, Wagner E, Kobbe G, Schroeder T, Schmitt M, Held G, Herr W, Germeroth L, Bonig H, Tonn T, Einsele H, Busch DH, Grigoleit GU.** 2017. Transfer of minimally manipulated CMV-specific T cells from stem cell or third-party donors to treat CMV infection after allo-HSCT. *Leukemia*.
79. **Pascual-Reguant A, Bayat Sarmadi J, Baumann C, Noster R, Cirera-Salinas D, Curato C, Pelczar P, Huber S, Zielinski CE, Lohning M, Hauser AE, Esplugues E.** 2017. TH17 cells express ST2 and are controlled by the alarmin IL-33 in the small intestine. *Mucosal immunology*.
80. **Raupach-Rosin H, Duddeck A, Gehrlich M, Helmke C, Huebner J, Pletz MW, Mikolajczyk R, Karch A.** 2017. Deficits in knowledge, attitude, and practice towards blood culture sampling: results of a nationwide mixed-methods study among inpatient care physicians in Germany. *Infection*.
81. **Riedel T, Wittmann J, Bunk B, Schober I, Sproer C, Gronow S, Overmann J.** 2017. A *Clostridioides difficile* bacteriophage genome encodes functional binary toxin-associated genes. *Journal of biotechnology*.
82. **Rutledge GG, Bohme U, Sanders M, Reid AJ, Cotton JA, Maiga-Ascofare O, Djimde AA, Apinjoh TO, Amenga-Etego L, Manske M, Barnwell JW, Renaud F, Ollomo B, Prugnolle F, Anstey NM, Auburn S, Price RN, McCarthy JS, Kwiatkowski DP, Newbold CI, Berriman M, Otto TD.** 2017. *Plasmodium malariae* and *P. ovale* genomes provide insights into malaria parasite evolution. *Nature* **542**:101-104.
83. **S MZ, Beisel C, Sutter K, Griesbeck M, Hildebrandt H, S HH, Dittmer U, Altfeld M.** 2017. Human pDCs display sex-specific differences in type I interferon subtypes and interferon alpha/beta receptor expression. *European journal of immunology* **47**:251-256.
84. **Salzer HJ, Cornely OA.** 2017. Awareness of predictors of mortality may help improve outcome in chronic pulmonary aspergillosis. *The European respiratory journal* **49**.
85. **Schott K, Konig R.** 2017. Picking the Survivor! CRISPR Reveals HIV Dependency Factors. *Trends in microbiology*.
86. **Shumilov A, Tsai MH, Schlosser YT, Kratz AS, Bernhardt K, Fink S, Mizani T, Lin X, Jauch A, Mautner J, Kopp-Schneider A, Feederle R, Hoffmann I, Delecluse HJ.** 2017. Epstein-Barr virus particles induce centrosome amplification and chromosomal instability. *Nature communications* **8**:14257.
87. **Tacconelli E, Autenrieth IB, Peschel A.** 2017. Fighting the enemy within. *Science (New York, N.Y.)* **355**:689-690.
88. **Van Deun J, Mestdagh P, Agostinis P, Akay O, Anand S, Anckaert J, Martinez ZA, Baetens T, Beghein E, Bertier L, Berx G, Boere J, Boukouris S, Bremer M, Buschmann D, Byrd JB, Casert C, Cheng L, Cmoch A, Daveloose D, De Smedt E, Demirsoy S, Depoorter V, Dhondt B, Driedonks TA, Dudek A, Elsharawy A, Floris I, Foers AD, Gartner K, Garg AD, Geeurickx E, Gettemans J, Ghazavi F, Giebel B, Kormelink TG, Hancock G, Helmsmoortel H, Hill AF, Hyenne V, Kalra H, Kim D, Kowal J, Kraemer S, Leidinger P, Leonelli C, Liang Y, Lippens L, Liu S, Lo Cicero A, Martin S, Mathivanan S, Mathiyalagan P, Matusek T, Milani G, Monguio-Tortajada M, Mus LM, Muth DC, Nemeth A, Nolte-'t Hoen EN, O'Driscoll L, Palmulli R, Pfaffl MW, Primdal-Bengtson B, Romano E, Rousseau Q, Sahoo S, Sampaio N, Samuel M, Scicluna B, Soen B, Steels A, Swinnen JV.** 2017. EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. *Nature methods* **14**:228-232.
89. **van Ingen J, Wagner D, Gallagher J, Morimoto K, Lange C, Haworth CS, Floto RA, Adjemian J, Prevots DR, Griffith DE.** 2017. Poor adherence to management guidelines in nontuberculous mycobacterial pulmonary diseases. *The European respiratory journal* **49**.

90. **Weber LK, Palermo A, Kugler J, Armant O, Isse A, Rentschler S, Jaenisch T, Hubbuch J, Dubel S, Nesterov-Mueller A, Breitling F, Loeffler FF.** 2017. Single amino acid fingerprinting of the human antibody repertoire with high density peptide arrays. *Journal of immunological methods*.

March

91. **Ajileye A, Alvarez N, Merker M, Walker TM, Akter S, Brown K, Moradigaravand D, Schon T, Andres S, Schleusener V, Omar SV, Coll F, Huang H, Diel R, Ismail N, Parkhill J.** 2017. Some Synonymous and Nonsynonymous *gyrA* Mutations in *Mycobacterium tuberculosis* Lead to Systematic False-Positive Fluoroquinolone Resistance Results with the Hain GenoType MTBDRsl Assays. *Antimicrobial agents and chemotherapy* **61**.
92. **Al Dahouk S, Kohler S, Occhialini A, Jimenez de Bagues MP, Hammerl JA, Eisenberg T, Vergnaud G, Cloeckert A, Zygmunt MS, Whatmore AM, Melzer F, Drees KP, Foster JT, Wattam AR, Scholz HC.** 2017. *Brucella* spp. of amphibians comprise genomically diverse motile strains competent for replication in macrophages and survival in mammalian hosts. *Scientific reports* **7**:44420.
93. **Andersson MO, Tolf C, Tamba P, Stefanache M, Waldenstrom J, Dobler G, Chitimia-Dobler L.** 2017. Canine tick-borne diseases in pet dogs from Romania. *Antimicrobial agents and chemotherapy* **10**:155.
94. **Angin M, Fathi A, King M, Ledoux MB, Piechocka-Trocha A, Altfeld M, Addo MM.** 2017. Acute HIV-1 infection is associated with increased plasma levels of heme oxygenase-1 and presence of heme oxygenase-1-specific regulatory T cells. *AIDS (London, England)* **31**:635-641.
95. **Barthels C, Ogrinc A, Steyer V, Meier S, Simon F, Wimmer M, Blutke A, Straub T, Zimmer-Strobl U, Lutgens E, Marconi P, Ohnmacht C, Garzetti D, Stecher B, Brocker T.** 2017. CD40-signalling abrogates induction of ROR γ mat+ Treg cells by intestinal CD103+ DCs and causes fatal colitis. *Nature communications* **8**:14715.
96. **Bassetti M, Garnacho-Montero J, Calandra T, Kullberg B, Dimopoulos G, Azoulay E, Chakrabarti A, Kett D, Leon C, Ostrosky-Zeichner L, Sanguinetti M, Timsit JF, Richardson MD, Shorr A, Cornely OA.** 2017. Intensive care medicine research agenda on invasive fungal infection in critically ill patients. *Intensive care medicine*.
97. **Bjorn-Mortensen K, Lillebaek T, Koch A, Soborg B, Ladefoged K, Sorensen HC, Kohl TA, Niemann S, Andersen AB.** 2017. Extent of transmission captured by contact tracing in a tuberculosis high endemic setting. *The European respiratory journal* **49**.
98. **Bugaytsova JA, Bjornham O, Chernov YA, Gideonsson P, Henriksson S, Mendez M, Sjostrom R, Mahdavi J, Shevtsova A, Ilver D, Moonens K, Quintana-Hayashi MP, Moskalenko R, Aisenbrey C, Bylund G, Schmidt A, Aberg A, Brannstrom K, Koniger V, Vikstrom S, Rakhimova L, Hofer A, Ogren J, Liu H, Goldman MD, Whitmire JM, Aden J, Younson J, Kelly CG, Gilman RH, Chowdhury A, Mukhopadhyay AK, Nair GB, Papadacos KS, Martinez-Gonzalez B, Sgouras DN, Engstrand L, Unemo M, Danielsson D, Suerbaum S, Oscarson S, Morozova-Roche LA, Olofsson A, Grobner G, Holgersson J, Esberg A, Stromberg N, Landstrom M, Eldridge AM, Chromy BA, Hansen LM, Solnick JV, Linden SK, Haas R, Dubois A, Merrell DS, Schedin S, Remaut H, Arnqvist A, Berg DE, Boren T.** 2017. *Helicobacter pylori* Adapts to Chronic Infection and Gastric Disease via pH-Responsive BabA-Mediated Adherence. *Cell Host Microbe* **21**:376-389.
99. **Cornberg M, Petersen J, Schober A, Mauss S, Boker KH, Link R, Gunther R, Serfert Y, Pfeiffer-Vornkahl H, Manns MP, Sarrazin C, Huppe D, Berg T, Niederau C.** 2017. Real-world use, effectiveness and safety of anti-viral treatment in chronic hepatitis C genotype 3 infection. *Alimentary pharmacology & therapeutics* **45**:688-700.
100. **da Fontoura Budaszewski R, Hudacek A, Sawatsky B, Kramer B, Yin X, Schnell MJ.** 2017. Inactivated Recombinant Rabies Viruses Displaying Canine Distemper Virus Glycoproteins Induce Protective Immunity against Both Pathogens. *Journal of virology* **91**.
101. **D'Souza R, Pinto N, Higgins PG, Hwang I, Yong D, Choi J, Lee K, Chong Y.** 2017. First report of blaOXA-499 as a carbapenemase gene from *Acinetobacter pittii*. *Antimicrobial agents and chemotherapy*.
102. **Falgenhauer L, Ghosh H, Doijad S, Yao Y, Bunk B, Sproer C, Kaase M, Hilker R, Overmann J, Imirzalioglu C, Chakraborty T.** 2017. Genome Analysis of the Carbapenem- and Colistin-Resistant *Escherichia coli* Isolate NRZ14408 Reveals Horizontal Gene Transfer Pathways towards Panresistance and Enhanced Virulence. *Journal of virology* **61**.

103. **Gabriel E, Ramani A, Karow U, Gottardo M, Natarajan K, Gooi LM, Goranci-Buzhala G, Krut O, Peters F, Nikolic M, Kuivanen S, Korhonen E, Smura T, Vapalahti O, Papantonis A, Schmidt-Chanasit J, Riparbelli M, Callaini G, Kronke M, Utermohlen O, Gopalakrishnan J.** 2017. Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids. *Cell stem cell* **20**:397-406.e395.
104. **Günther F, Blessing B, Tacconelli E, Mutters NT.** 2017. MRSA decolonization failure-are biofilms the missing link? *Antimicrobial resistance and infection control* **6**:32.
105. **Hösel M, Huber A, Bohlen S, Lucifora J, Ronzitti G, Puzzo F, Boisgerault F, Hacker UT, Kwanten WJ.** 2017. Autophagy Determines Efficiency of Liver-directed Gene Therapy with Adeno-associated Viral Vectors. *Hepatology* (Baltimore, Md.).
106. **Imirzalioglu C, Falgenhauer L, Schmiedel J, Waezsada SE, Gwozdziński K, Roschanski N, Roesler U, Kreienbrock L, Schiffmann AP, Irrgang A.** 2017. Evaluation of a Loop-Mediated Isothermal Amplification-Based Assay for the Rapid Detection of Plasmid-Encoded Colistin Resistance Gene *mcr-1* in Enterobacteriaceae Isolates. *Antimicrobial agents and chemotherapy* **61**.
107. **Koroska F, Gottig S, Kaase M, Steinmann J, Gatermann S, Sommer J, Wille T, Plum G, Hamprecht A.** 2017. Comparison of Phenotypic Tests and an Immunochromatographic Assay and Development of a New Algorithm for Detection of OXA-48-like Carbapenemases. *Journal of clinical microbiology* **55**:877-883.
108. **Lee M, Yang J, Jo E, Lee JY, Kim HY, Bartenschlager R, Shin EC, Bae YS, Windisch MP.** 2017. A Novel Inhibitor IDPP Interferes with Entry and Egress of HCV by Targeting Glycoprotein E1 in a Genotype-Specific Manner. *Scientific reports* **7**:44676.
109. **Ludtke A, Ruibal P, Wozniak DM, Pallasch E, Wurr S, Bockholt S, Gomez-Medina S, Qiu X, Kobinger GP, Rodriguez E, Gunther S, Krasemann S, Idoyaga J, Oestereich L, Munoz-Fontela C.** 2017. Ebola virus infection kinetics in chimeric mice reveal a key role of T cells as barriers for virus dissemination. *Scientific reports* **7**:43776.
110. **Manns MP, Buti M, Gane E, Pawlotsky JM, Razavi H, Terrault N, Younossi Z.** 2017. Hepatitis C virus infection. *Nature reviews. Disease primers* **3**:17006.
111. **Mellmann A, Andersen PS, Bletz S, Friedrich AW, Kohl TA, Lilje B, Niemann S, Prior K, Rossen JW, Harmsen D.** 2017. High Interlaboratory Reproducibility and Accuracy of Next-Generation-Sequencing-Based Bacterial Genotyping in a Ring Trial. *Journal of clinical microbiology* **55**:908-913.
112. **Neuber S, Wagner K, Goldne T, Lischka P, Steinbrueck L, Messerle M, Borst EM.** 2017. Mutual Interplay between the Human Cytomegalovirus Terminase Subunits pUL51, pUL56, and pUL89 promotes Terminase Complex Formation. *Journal of virology*.
113. **Nunez-Nunez M, Navarro MD, Gkolia P, Babu Rajendran N, Del Toro MD, Voss A, Sharland M, Sifakis F, Tacconelli E, Rodriguez-Bano J.** 2017. Surveillance Systems from Public Health Institutions and Scientific Societies for Antimicrobial Resistance and Healthcare-Associated Infections in Europe (SUSPIRE): protocol for a systematic review. *BMJ open* **7**:e014538.
114. **Ogonek J, Varanasi P, Luther S, Schweier P, Kuhnau W, Gohring G, Dammann E, Stadler M, Ganser A, Borchers S, Koehl U, Weissinger EM, Hambach L.** 2017. Possible Impact of CMV-Specific CD8+ T-Cells on Immune Reconstitution and Conversion to Complete Donor Chimerism after Allogeneic SCT. *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*.
115. **Pfaender S, Walter S, Grabski E, Todt D, Bruening J, Romero-Brey I, Gather T, Brown RJ, Hahn K, Puff C, Pfankuche VM, Hansmann F, Postel A, Becher P, Thiel V, Kalinke U, Wagner B, Bartenschlager R, Baumgartner W, Feige K, Pietschmann T, Cavalleri JM, Steinmann E.** 2017. Immune protection against reinfection with nonprimate hepacivirus. *Proceedings of the National Academy of Sciences of the United States of America*.
116. **Pritsch M, Zeynudin A, Messerer M, Baumer S, Liegl G, Schubert S, Loscher T, Hoelscher M, Belachew T, Rachow A, Wieser A.** 2017. First report on bla NDM-1-producing *Acinetobacter baumannii* in three clinical isolates from Ethiopia. *BMC infectious diseases* **17**:180.
117. **Rockstroh JK.** 2017. Non-Alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic Steatohepatitis (NASH) in HIV. *Current HIV/AIDS reports*.
118. **Ruffing U, Alabi A, Kazimoto T, Vubil DC, Akulenko R, Abdulla S, Alonso P, Bischoff M, Germann A, Grobusch MP, Helms V.** 2017. Community-Associated *Staphylococcus aureus* from Sub-Saharan Africa and Germany: A Cross-Sectional Geographic Correlation Study. *Scientific reports* **7**:154.
119. **Sadler R, Singh V, Benakis C, Garzetti D, Lopez DB, Stecher B, Anrather J, Liesz A.** 2017. Microbiota differences between commercial breeders impacts the post-stroke immune response. *Brain, behavior, and immunity*.

120. **Schnodt M, Buning H.** 2017. Improving the quality of AAV vector preparations - the challenge of product-related impurities. *Human gene therapy methods*.
121. **Soonthornvacharin S, Rodriguez-Frandsen A.** 2017. Systems-based analysis of RIG-I-dependent signalling identifies KHSRP as an inhibitor of RIG-I receptor activation. *Nature microbiology* **2**:17022.
122. **Steglich M, Nubel U.** 2017. The challenge of detecting indels in bacterial genomes from short-read sequencing data. *Journal of biotechnology*.
123. **Suarez I, Roderus L, van Gumpel E, Jung N, Lehmann C, Fatkenheuer G, Hartmann P, Plum G, Rybniker J.** 2017. Low prevalence of DHFR and DHPS mutations in *Pneumocystis jirovecii* strains obtained from a German cohort. *Infection*.
124. **Sulyok M, Ruckle T, Roth A, Murbeth RE, Chalon S, Kerr N, Samec SS, Gobeau N, Calle CL, Ibanez J, Sulyok Z, Held J, Gebru T, Granados P, Bruckner S, Nguetse C, Mengue J, Lalremruata A, Sim KL, Hoffman SL, Mohrle JJ, Kreamsner PG, Mordmuller B.** 2017. DSM265 for *Plasmodium falciparum* chemoprophylaxis: a randomised, double blinded, phase 1 trial with controlled human malaria infection. *The Lancet. Infectious diseases*.
125. **Tobias H, Simon H, Alexander W, Michael B, Sarah B, Julius CF, Gabriel E, Martina S, Silvia S, Christian P, Hendrik P, Jurgen R.** 2017. Card9 controls Dectin-1-induced T-cell cytotoxicity and tumor growth in mice. *Infection*.
126. **Wendel AF, Kaase M, Autenrieth IB, Peter S, Oberhettinger P, Rieber H, Pfeffer K, MacKenzie CR, Willmann M.** 2017. Protracted Regional Dissemination of GIM-1-Producing *Serratia marcescens* in Western Germany. *Antimicrobial agents and chemotherapy* **61**.
127. **Westhaus S, Deest M, Nguyen AT, Stanke F, Heckl D, Costa R, Schambach A, Manns MP, Berg T, Vondran FW, Sarrazin C, Ciesek S, von Hahn T.** 2017. Scavenger receptor class B member 1 (SCARB1) variants modulate hepatitis C virus replication cycle and viral load. *Journal of hepatology*.

April

128. **Allweiss L, Volz T, Giersch K, Kah J, Raffa G, Petersen J, Lohse AW, Beninati C, Pollicino T, Urban S, Lutgehetmann M, Dandri M.** 2017. Proliferation of primary human hepatocytes and prevention of hepatitis B virus reinfection efficiently deplete nuclear cccDNA in vivo. *Gut*.
129. **Bankwitz D, Doepke M, Hueging K, Weller R, Bruening J, Behrendt P, Lee JY, Vondran FWR, Manns MP, Bartenschlager R, Pietschmann T.** 2017. Maturation of secreted HCV particles by incorporation of secreted ApoE protects from antibodies by enhancing infectivity. *Journal of hepatology*.
130. **Bedarf JR, Hildebrand F, Coelho LP, Sunagawa S, Bahram M, Goeser F, Bork P, Wullner U.** 2017. Functional implications of microbial and viral gut metagenome changes in early stage L-DOPA-naive Parkinson's disease patients. *Genome medicine* **9**:39.
131. **Beisel C, Ziegler S, Martrus Zapater G, Chapel A, Griesbeck M, Hildebrandt H, Lohse AW, Altfeld M.** 2017. TLR7-mediated activation of XBP1 correlates with the IFN α production in humans. *Cytokine*.
132. **Biehl LM, Bertz H, Bogner J, Dobermann UH, Kessel J, Kramer C, Lemmen S, von Lilienfeld-Toal M, Peter S, Pletz MW, Rohde H, Schmiedel S, Schubert S, Ullmann AJ, Fatkenheuer G, Vehreschild M.** 2017. Screening and contact precautions - A survey on infection control measures for multidrug-resistant bacteria in German university hospitals. *Antimicrobial resistance and infection control* **6**:37.
133. **Cadar D, Maier P, Muller S, Kress J, Chudy M, Bialonski A, Schlaphof A, Jansen S, Jost H, Tannich E, Runkel S, Hitzler WE, Hutschenreuter G, Wessiepe M, Schmidt-Chanasit J.** 2017. Blood donor screening for West Nile virus (WNV) revealed acute Usutu virus (USUV) infection, Germany, September 2016. *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin* **22**.
134. **Chereau F, Madec Y, Sabin C, Obel N, Ruiz-Mateos E, Chrysos G, Fidler S, Lehmann C, Zangerle R, Wittkop L, Reiss P, Hamouda O, Estrada Perez V, Leal M, Mocroft A, Garcia De Olalla P, Ammassari A, D'Arminio Monforte A, Mussini C, Segura F, Castagna A, Cavassini M, Grabar S, Morlat P, De Wit S, Lambotte O, Meyer L.** 2017. Impact of CD4 and CD8 dynamics and viral rebounds on loss of virological control in HIV controllers. *PLoS one* **12**:e0173893.
135. **Chitimia-Dobler L, Langguth J, Pfeffer M, Kattner S, Kupper T, Friese D, Dobler G, Guglielmone AA, Nava S.** 2017. Genetic analysis of *Rhipicephalus sanguineus sensu lato* ticks parasites of dogs in Africa north of the Sahara based on mitochondrial DNA sequences. *Veterinary parasitology* **239**:1-6.
136. **Dahlke C, Kasonta R, Lunemann S, Krahling V, Zinser ME, Biedenkopf N, Fehling SK, Ly ML, Rehtien A, Stubbe HC, Olearo F, Borregaard S, Jambreca A, Stahl F, Strecker T, Eickmann M, Lutgehetmann M, Spohn M, Schmiedel S, Lohse AW, Becker S, Addo MM.** 2017. Dose-dependent T-cell Dynamics and Cytokine Cascade Following rVSV-ZEBOV Immunization. *Journal of virology* **19**:107-118.

137. **D'Souza R, Pinto NA, Higgins PG, Hwang I, Yong D, Choi J, Lee K, Chong Y.** 2017. First Report of the Carbapenemase Gene blaOXA-499 in *Acinetobacter pittii*. *Antimicrobial agents and chemotherapy* **61**.
138. **Fischer JC, Bscheider M, Eisenkolb G, Lin CC, Wintges A, Otten V, Lindemans CA, Heidegger S, Rudelius M, Monette S, Porosnicu Rodriguez KA, Calafiore M, Liebermann S, Liu C, Lienenklaus S, Weiss S, Kalinke U, Ruland J, Peschel C, Shono Y, Docampo M, Velardi E, Jenq RR, Hanash AM, Dudakov JA, Haas T, van den Brink MRM, Poeck H.** 2017. RIG-I/MAVS and STING signaling promote gut integrity during irradiation- and immune-mediated tissue injury. *Science translational medicine* **9**.
139. **Gebru T, Ajua A, Theisen M, Esen M, Ngoa UA, Issifou S, Adegnika AA, Kremsner PG, Mordmuller B, Held J.** 2017. Recognition of *Plasmodium falciparum* mature gametocyte-infected erythrocytes by antibodies of semi-immune adults and malaria-exposed children from Gabon. *Science translational medicine* **16**:176.
140. **Herrmann J, Rybniker J, Muller R.** 2017. Novel and revisited approaches in antituberculosis drug discovery. *Current opinion in biotechnology* **48**:94-101.
141. **Huttner A, Combescure C, Grillet S, Haks MC.** 2017. A dose-dependent plasma signature of the safety and immunogenicity of the rVSV-Ebola vaccine in Europe and Africa. *Science translational medicine* **9**.
142. **Kaczmarek DJ, Kokordelis P, Kramer B, Glassner A, Wolter F, Goeser F, Lutz P, Schwarze-Zander C, Boesecke C, Strassburg CP, Rockstroh JK, Spengler U, Nattermann J.** 2017. Alterations of the NK cell pool in HIV/HCV co-infection. *PloS one* **12**:e0174465.
143. **Ko C, Michler T, Protzer U.** 2017. Novel viral and host targets to cure hepatitis B. *Current opinion in virology* **24**:38-45.
144. **Koch C, Amati AL, Hecker A, Hoxter M, Hirschburger M, Matejec R, Padberg W, Weigand MA, Lichtenstern C, Domann E.** 2017. Microbiomic Analysis of Intra-Abdominal Infections by Using Denaturing High-Performance Liquid Chromatography: A Prospective Observational Study. *Mycoses*.
145. **Kosinska AD, Bauer T, Protzer U.** 2017. Therapeutic vaccination for chronic hepatitis B. *Current opinion in virology* **23**:75-81.
146. **Kreitmeyr K, von Both U, Pecar A, Borde JP, Mikolajczyk R, Huebner J.** 2017. Pediatric antibiotic stewardship: successful interventions to reduce broad-spectrum antibiotic use on general pediatric wards. *Infection*.
147. **Lagkouvardos I, Overmann J, Clavel T.** 2017. Cultured microbes represent a substantial fraction of the human and mouse gut microbiota. *Gut microbes*:0.
148. **Langguth J, Chitimia-Dobler L, Nava S, Pfeffer M.** 2017. The presence of *Rhipicephalus muhsamae* north of the Sahara. *Ticks and tick-borne diseases* **8**:605-609.
149. **Manz KM, Clowes P, Kroidl I, Kowuor DO, Geldmacher C, Ntinginya NE, Maboko L, Hoelscher M, Saathoff E.** 2017. *Trichuris trichiura* infection and its relation to environmental factors in Mbeya region, Tanzania: A cross-sectional, population-based study. *PloS one* **12**:e0175137.
150. **Mariggio G, Koch S.** 2017. Kaposi Sarcoma Herpesvirus (KSHV) Latency-Associated Nuclear Antigen (LANA) recruits components of the MRN (Mre11-Rad50-NBS1) repair complex to modulate an innate immune signaling pathway and viral latency. **13**:e1006335.
151. **Marschal M, Bachmaier J, Autenrieth I, Oberhettinger P, Willmann M, Peter S.** 2017. Evaluation of the Accelerate Pheno System for Fast Identification and Antimicrobial Susceptibility Testing from Positive Blood Cultures in Bloodstream Infections Caused by Gram-Negative Pathogens. *PLoS pathogens* **55**:2116-2126.
152. **Nguyen HM, Sy BT, Trung NT, Hoan NX, Wedemeyer H, Velavan TP, Bock CT.** 2017. Prevalence and genotype distribution of hepatitis delta virus among chronic hepatitis B carriers in Central Vietnam. *PloS one* **12**:e0175304.
153. **Nimanong S, Ostroumov D, Wingerath J, Knocke S, Woller N, Gurlevik E, Falk CS, Manns MP, Kuhnel F, Wirth TC.** 2017. CD40 Signaling Drives Potent Cellular Immune Responses in Heterologous Cancer Vaccinations. *Cancer research* **77**:1918-1926.
154. **Noumeur SR, Helaly SE, Jansen R, Gereke M, Stradal TE, Harzallah D, Stadler M.** 2017. Preussilides A-F, Bicyclic Polyketides from the Endophytic Fungus *Preussia similis* with Antiproliferative Activity. *Journal of natural products*.
155. **Patin EC, Geffken AC, Willcocks S, Leszczyc C, Haas A, Nimmerjahn F, Lang R, Ward TH, Schaible UE.** 2017. Trehalose dimycolate interferes with FcγR-mediated phagosome maturation through Mincle, SHP-1 and FcγRIIB signalling. *PloS one* **12**:e0174973.
156. **Popovic B, Golemac M, Podlech J.** 2017. IL-33/ST2 pathway drives regulatory T cell dependent suppression of liver damage upon cytomegalovirus infection. **13**:e1006345.
157. **Rappuoli R, Sutter G.** 2017. Editorial overview: Preventive and therapeutic vaccines: Vaccination against viral disease - current advances and challenges. *PLoS pathogens* **23**:vi-viii.

158. **Risslegger B, Zoran T, Lackner M, Aigner M, Sanchez-Reus F, Rezusta A, Chowdhary A, Taj-Aldeen SJ, Arendrup MC, Oliveri S, Kontoyiannis DP, Alastruey-Izquierdo A, Lagrou K, Lo Cascio G, Meis JF, Buzina W, Farina C, Drogari-Apiranthitou M, Grancini A, Tortorano AM, Willinger B, Hamprecht A, Johnson E, Klingspor L, Arsic-Arsenijevic V, Cornely OA, Meletiadis J, Prammer W, Tullio V, Vehreschild JJ, Trovato L, Lewis RE, Segal E, Rath PM, Hamal P, Rodriguez-Iglesias M, Roilides E, Arikani-Akdagli S, Chakrabarti A, Colombo AL, Fernandez MS, Martin-Gomez MT, Badali H, Petrikos G, Klimko N, Heimann SM, Houbraken J, Uzun O, Edlinger M, Fuente S, Lass-Flörl C.** 2017. A Prospective International *Aspergillus terreus* Survey: An EFISG, ISHAM and ECMM Joint Study. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases.*
159. **Schleenvoigt BT, Rupp J, Rohde G, Rockstroh JK, Fatkenheuer G, Pletz MW.** 2017. [Strategies for the Treatment of Community-Acquired Pneumonia in HIV-Positive Patients]. *Pneumologie (Stuttgart, Germany)* **71**:207-214.
160. **Schleusener V, Koser CU, Beckert P, Niemann S, Feuerriegel S.** 2017. Mycobacterium tuberculosis resistance prediction and lineage classification from genome sequencing: comparison of automated analysis tools. *Scientific reports* **7**:46327.
161. **Seiringer P, Pritsch M, Flores-Chavez M, Marchisio E, Helfrich K, Mengele C, Hohnerlein S, Bretzel G, Loscher T, Hoelscher M, Berens-Riha N.** 2017. Comparison of four PCR methods for efficient detection of *Trypanosoma cruzi* in routine diagnostics. *Diagnostic microbiology and infectious disease* **88**:225-232.
162. **Snijder J, Radtke K, Anderson F, Scholtes L, Corradini E, Baines J, Heck AJ, Wuite GJ, Sodeik B, Roos WH.** 2017. The vertex specific proteins pUL17 and pUL25 mechanically reinforce Herpes Simplex Virus capsids. *Journal of virology.*
163. **Suarez I, Lehmann C, Gruell H, Graeb J, Kochanek M, Fatkenheuer G, Plum G, van Wengen A, van de Vosse E, Hartmann P, Hanitsch LG, Rybniker J.** 2017. Repurposing QuantiFERON for detection of neutralizing IFN-gamma autoantibodies in patients with nontuberculous mycobacterial infections. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America.*
164. **Tschudin-Sutter S, Lucet JC, Mutters NT, Tacconelli E, Zahar JR, Harbarth S.** 2017. Contact precautions for preventing nosocomial transmission of ESBL-producing *Escherichia coli* - a point/counterpoint review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America.*
165. **Tu T, Budzinska MA, Shackel NA, Urban S.** 2017. HBV DNA Integration: Molecular Mechanisms and Clinical Implications. *Viruses* **9**.
166. **Wolf F, Bauer JS, Bendel TM, Kulik A, Kalinowski J, Gross H, Kaysser L.** 2017. Biosynthesis of the beta-Lactone Proteasome Inhibitors Belactosin and Cystargolide. **56**:6665-6668.
167. **Wranke A, Wedemeyer H.** 2017. Reply to Letter to the Editor. *Angewandte Chemie (International ed. in English)* **23**:131.
168. **Zoch B, Günther A, Karch A, Mikolajczyk R.** 2017. Effect of Disease Definition on Perceived Burden of Acute Respiratory Infections in Children -A Prospective Cohort Study Based on Symptom Diaries. *The Pediatric infectious disease journal.*

May

169. **Alanjary M, Kronmiller B, Adamek M, Blin K, Weber T, Huson D, Philmus B, Ziemert N.** 2017. The Antibiotic Resistant Target Seeker (ARTS), an exploration engine for antibiotic cluster prioritization and novel drug target discovery. *Nucleic acids research.*
170. **Awal RP, Garcia R, Gemperlein K, Wink J, Kunwar B, Parajuli N, Muller R.** 2017. *Vitiosangium cumulatum* gen. nov., sp. nov. and *Vitiosangium subalbum* sp. nov., soil myxobacteria, and emended descriptions of the genera *Archangium* and *Angiococcus*, and of the family *Cystobacteraceae*. *International journal of systematic and evolutionary microbiology* **67**:1422-1430.
171. **Blank A, Eidam A, Haag M, Hohmann N, Burhenne J, Schwab M, van de Graaf S, Meyer MR, Maurer HH, Meier K, Weiss J, Bruckner T, Alexandrov A, Urban S, Mikus G, Haefeli WE.** 2017. The NTCP-inhibitor Myrcludex B: Effects on Bile Acid Disposition and Tenofovir Pharmacokinetics. *Clinical pharmacology and therapeutics.*
172. **Chotiwan N, Brewster CD, Magalhaes T, Weger-Lucarelli J, Duggal NK, Ruckert C, Nguyen C, Garcia Luna SM, Fauver JR.** 2017. Rapid and specific detection of Asian- and African-lineage Zika viruses. **9**.

173. **Cimini E, Viola D, Cabeza-Cabrerizo M, Romanelli A, Tumino N, Sacchi A, Bordoni V, Casetti R, Turchi F, Martini F, Bore JA, Koundouno FR, Duraffour S, Michel J, Holm T, Zekeng EG, Cowley L, Garcia Dorival I, Doerrbecker J, Hetzelt N, Baum JHJ, Portmann J, Wolfel R, Gabriel M, Miranda O, Diaz G, Diaz JE, Fleites YA, Pineiro CA, Castro CM, Koivogui L, Magassouba N, Diallo B, Ruibal P, Oestereich L, Wozniak DM, Ludtke A, Becker-Ziaja B, Capobianchi MR, Ippolito G, Carroll MW, Gunther S, Di Caro A, Munoz-Fontela C, Agrati C.** 2017. Different features of Vdelta2 T and NK cells in fatal and non-fatal human Ebola infections. *Science translational medicine* **11**:e0005645.
174. **Cornely OA, Leguay T, Maertens J, Vehreschild M, Anagnostopoulos A, Castagnola C, Verga L, Rieger C, Kondakci M, Harter G, Duarte RF, Allione B, Cordonnier C, Heussel CP, Morrissey CO, Agrawal SG, Donnelly JP, Bresnik M, Hawkins MJ, Garner W, Gokbuget N.** 2017. Randomized comparison of liposomal amphotericin B versus placebo to prevent invasive mycoses in acute lymphoblastic leukaemia. *PLoS neglected tropical diseases*.
175. **Formichella L, Romberg L, Meyer H, Bolz C, Vieth M, Geppert M, Gottner G, Nolting C, Schepp W, Schneider A, Ulm K, Wolf P, Holster IL, Kuipers EJ, Birkner B, Soutschek E, Gerhard M.** 2017. Validation of a Novel Immunoline Assay for Patient Stratification according to Virulence of the Infecting *Helicobacter pylori* Strain and Eradication Status. **2017**:8394593.
176. **Gonzalez-Motos V, Jurgens C, Ritter B, Kropp KA.** 2017. Varicella zoster virus glycoprotein C increases chemokine-mediated leukocyte migration. *Journal of immunology research* **13**:e1006346.
177. **Harrison U, Fowora MA, Seriki AT, Loell E, Mueller S, Ugo-Ijeh M, Onyekwere CA, Lesi OA, Otegbayo JA, Akere A, Ndububa DA, Adekanle O, Anomneze E, Abdulkareem FB, Adeleye IA, Crispin A, Rieder G, Fischer W, Smith SI, Haas R.** 2017. *Helicobacter pylori* strains from a Nigerian cohort show divergent antibiotic resistance rates and a uniform pathogenicity profile. *PLoS one* **12**:e0176454.
178. **Heidrich B, Vital M, Plumeier I, Doscher N, Kahl S, Kirschner J, Ziegert S, Solbach P.** 2017. Intestinal microbiota in patients with chronic hepatitis C with and without cirrhosis compared with healthy controls.
179. **Held J, Supan C, Salazar CLO, Tinto H, Bonkian LN, Nahum A, Sie A, Abdulla S, Cantalloube C, Djeriou E, Bouyou-Akotet M, Ogutu B, Mordmuller B, Kreidenweiss A, Siribie M, Sirima SB, Kreamsner PG.** 2017. Safety and efficacy of the choline analogue SAR97276 for malaria treatment: results of two phase 2, open-label, multicenter trials in African patients. *Malaria journal* **16**:188.
180. **Jazmati N, Jazmati T, Hamprecht A.** 2017. Importance of pre-enrichment for detection of third-generation cephalosporin-resistant Enterobacteriaceae (3GCREB) from rectal swabs. *European journal of clinical microbiology & infectious diseases* : official publication of the European Society of Clinical Microbiology.
181. **Kim ES, Ackermann C, Toth I, Dierks P, Eberhard JM, Wroblewski R, Scherg F, Geyer M, Schmidt RE, Beisel C, Bockhorn M, Haag F, van Lunzen J, Schulze Zur Wiesch J.** 2017. Down-regulation of CD73 on B cells of patients with viremic HIV correlates with B cell activation and disease progression. *Journal of leukocyte biology* **101**:1263-1271.
182. **Kramer B, Goeser F, Lutz P, Glassner A, Boesecke C, Schwarze-Zander C, Kaczmarek D.** 2017. Compartment-specific distribution of human intestinal innate lymphoid cells is altered in HIV patients under effective therapy. **13**:e1006373.
183. **Lukashev AN, Corman VM, Schacht D, Gloza-Rausch F, Seebens-Hoyer A, Gmyl AP, Drosten C, Drexler JF.** 2017. Close genetic relatedness of picornaviruses from European and Asian bats. *The Journal of general virology* **98**:955-961.
184. **Malone DFG, Lunemann S, Hengst J, Ljunggren HG, Manns MP, Sandberg JK, Cornberg M, Wedemeyer H, Bjorkstrom NK.** 2017. Cytomegalovirus-Driven Adaptive-Like Natural Killer Cell Expansions Are Unaffected by Concurrent Chronic Hepatitis Virus Infections. *Frontiers in immunology* **8**:525.
185. **Meyer F, Karch A, Schlinkmann KM, Dreesman J, Horn J, Rubsamen N, Sudradjat H, Schubert R, Mikolajczyk R.** 2017. Sociodemographic determinants of spatial disparities in early childhood caries: An ecological analysis in Braunschweig, Germany. *Community dentistry and oral epidemiology*.
186. **Moncunill G, Mpina M, Nhabomba AJ, Aguilar R, Ayestaran A, Sanz H, Campo JJ, Jairoce C, Barrios D, Dong Y, Diez-Padrisa N, Fernandes JF, Abdulla S, Sacarlal J, Williams NA, Harezlak J, Mordmuller B, Agnandji ST, Aponte JJ, Daubenberger C, Valim C, Dobano C.** 2017. Distinct TH1 and TH2 cellular responses associated with malaria protection and risk in RTS,S/AS01E vaccinees. *Clinical infectious diseases* : an official publication of the Infectious Diseases Society of America.
187. **Olaru IDH, J., Andres S, Kalsdorf B, Lange C.** 2017. Bedaquiline-based treatment regimen for multidrug-resistant tuberculosis. *Journal of natural products* **49**.

188. **Roschanski N, Falgenhauer L, Grobbel M, Guenther S, Kreienbrock L, Imirzalioglu C, Roesler U.** 2017. Retrospective survey of mcr-1 and mcr-2 in German pig-fattening farms, 2011-2012. *International journal of antimicrobial agents*.
189. **Schlinkmann KM, Bakuli A, Mikolajczyk R.** 2017. Incidence and comparison of retrospective and prospective data on respiratory and gastrointestinal infections in German households. *BMC infectious diseases* **17**:336.
190. **Schwarz NG, Mertens E.** 2017. No serological evidence for Zika virus infection and low specificity for anti-Zika virus ELISA in malaria positive individuals among pregnant women from Madagascar in 2010. *PLoS neglected tropical diseases* **12**:e0176708.
191. **Seltmann A, Corman VM, Rasche A, Drosten C, Czirjak GA, Bernard H, Struebig MJ, Voigt CC.** 2017. Seasonal Fluctuations of Astrovirus, But Not Coronavirus Shedding in Bats Inhabiting Human-Modified Tropical Forests. *EcoHealth* **14**:272-284.
192. **Slijepcevic D, Roscam Abbing RLP, Katafuchi T, Blank A.** 2017. Hepatic uptake of conjugated bile acids is mediated by both NTCP and OATPs and modulated by intestinal sensing of plasma bile acid levels in mice.
193. **Snijder J, Radtke K, Anderson F, Scholtes L, Corradini E, Baines J, Heck AJR, Wuite GJL, Sodeik B, Roos WH.** 2017. Vertex-Specific Proteins pUL17 and pUL25 Mechanically Reinforce Herpes Simplex Virus Capsids. *Journal of virology* **91**.
194. **Torge A, Wagner S, Chaves PS, Oliveira EG, Guterres SS, Pohlmann AR, Titz A, Schneider M, Beck RCR.** 2017. Ciprofloxacin-loaded lipid-core nanocapsules as mucus penetrating drug delivery system intended for the treatment of bacterial infections in cystic fibrosis. *International journal of pharmaceutics* **527**:92-102.
195. **Vasiliauskaite I, Owsianka A, England P, Khan AG, Cole S, Bankwitz D, Fong SKH, Pietschmann T.** 2017. Conformational Flexibility in the Immunoglobulin-Like Domain of the Hepatitis C Virus Glycoprotein E2. *PLoS neglected tropical diseases* **11**:e0005537.
196. **Vicente-Santos A, Moreira-Soto A, Soto-Garita C, Chaverri LG, Chaves A, Drexler JF, Morales JA, Alfaro-Alarcon A, Rodriguez-Herrera B, Corrales-Aguilar E.** 2017. Neotropical bats that co-habit with humans function as dead-end hosts for dengue virus. *mBio* **11**:e0005537.
197. **Viehrig K, Surup F.** 2017. Structure and Biosynthesis of Crocagins: Polycyclic Posttranslationally Modified Ribosomal Peptides from *Chondromyces crocatus*. *PLoS neglected tropical diseases* **11**:e0005537.

June

198. **Allweiss L, Dandri M.** 2017. The Role of cccDNA in HBV Maintenance. *Viruses* **9**.
199. **Anastasiou OE, Widera M, Verheyen J, Korth J, Gerken G, Helfritz FA, Canbay A, Wedemeyer H, Ciesek S.** 2017. Clinical course and core variability in HBV infected patients without detectable anti-HBc antibodies. *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology* **93**:46-52.
200. **Bailer SM, Funk C, Riedl A, Ruzsics Z.** 2017. Herpesviral vectors and their application in oncolytic therapy, vaccination, and gene transfer. *Virus genes*.
201. **Bauer JS, Fillinger S, Forstner K.** 2017. dRNA-seq transcriptional profiling of the FK506 biosynthetic gene cluster in *Streptomyces tsukubaensis* NRRL18488 and general analysis of the transcriptome. *PLoS neglected tropical diseases* **11**:e0005537.
202. **Baur D, Gladstone BP, Burkert F, Carrara E, Foschi F, Dobeles S, Tacconelli E.** 2017. Effect of antibiotic stewardship on the incidence of infection and colonisation with antibiotic-resistant bacteria and *Clostridium difficile* infection: a systematic review and meta-analysis. *RNA biology*.
203. **Bedarf JR, Hildebrand F, Coelho LP, Sunagawa S, Bahram M, Goeser F, Bork P, Wullner U.** 2017. Erratum to: Functional implications of microbial and viral gut metagenome changes in early stage L-DOPA-naive Parkinson's disease patients. *Genome medicine* **9**:61.
204. **Bergmann H, Roth S, Pechloff K, Kiss EA, Kuhn S, Heikenwalder M, Diefenbach A, Greten FR, Ruland J.** 2017. Card9-dependent IL-1beta regulates IL-22 production from group 3 innate lymphoid cells and promotes colitis-associated cancer. *European journal of immunology*.
205. **Bohringer N, Fisch KM, Schillo D, Bara R, Hertzler C, Grein F, Eisenbarth JH, Kaligis F, Schneider T, Wagele H, Konig GM, Schaberle TF.** 2017. Antimicrobial Potential of Bacteria Associated with Marine Sea Slugs from North Sulawesi, Indonesia. *Frontiers in microbiology* **8**:1092.
206. **Chitimia-Dobler L, BC DEA, Ruthensteiner B, Pfeffer T, Dunlop JA.** 2017. *Amblyomma birmutum* a new species of hard tick in Burmese amber. *Parasitology*:1-8.
207. **Depke T, Franke R, Bronstrup M.** 2017. Clustering of MS2 spectra using unsupervised methods to aid the identification of secondary metabolites from *Pseudomonas aeruginosa*. *Journal of chromatography. B, Analytical technologies in the biomedical and life sciences*.

208. **Dold L, Luda C, Schwarze-Zander C, Boesecke C, Hansel C, Nischalke HD, Lutz P, Mohr R, Wasmuth JC, Strassburg CP, Trebicka J, Rockstroh JK, Spengler U.** 2017. Genetic polymorphisms associated with fatty liver disease and fibrosis in HIV positive patients receiving combined antiretroviral therapy (cART). *PloS one* **12**:e0178685.
209. **Dulberger CL, McMurtrey CP, Holzemer A, Neu KE, Liu V, Steinbach AM, Garcia-Beltran WF, Sulak M, Jabri B, Lynch VJ, Altfeld M, Hildebrand WH, Adams EJ.** 2017. Human Leukocyte Antigen F Presents Peptides and Regulates Immunity through Interactions with NK Cell Receptors. *Immunity* **46**:1018-1029.e1017.
210. **Evans SR, Hujer AM, Jiang H, Hill CB, Hujer KM, Mediavilla JR, Manca C, Tran TTT, Domitrovic TN, Higgins PG, Seifert H, Kreiswirth BN, Patel R, Jacobs MR, Chen L, Sampath R, Hall T, Marzan C, Fowler VG, Jr., Chambers HF, Bonomo RA.** 2017. Correction for Evans et al., "Informing Antibiotic Treatment Decisions: Evaluating Rapid Molecular Diagnostics To Identify Susceptibility and Resistance to Carbapenems against *Acinetobacter* spp. in PRIMERS III". *Journal of clinical microbiology* **55**:1970.
211. **Ferreira K, Hu HY, Fetz V, Prochnow H, Rais B, Muller PP, Bronstrup M.** 2017. Multivalent Siderophore-DOTAM Conjugates as Theranostics for Imaging and Treatment of Bacterial Infections. *56*:8272-8276.
212. **Giersch K, Homs M, Volz T.** 2017. Both interferon alpha and lambda can reduce all intrahepatic HDV infection markers in HBV/HDV infected humanized mice. *Angewandte Chemie (International ed. in English)* **7**:3757.
213. **Girma M, Wendaferash R, Shibru H, Berhane Y, Hoelscher M, Kroidl A.** 2017. Uptake and performance of prevention of mother-to-child transmission and early infant diagnosis in pregnant HIV-infected women and their exposed infants at seven health centres in Addis Ababa, Ethiopia. *Scientific reports* **22**:765-775.
214. **Gruell H, Hamacher L, Jennissen V, Tuchscherer A, Ostendorf N, Loffler T, Hallek M, Kochanek M, Tannich E, Boll B, Fatkenheuer G.** 2017. On taking a different route: an unlikely case of malaria by nosocomial transmission. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*.
215. **Gunther T, Haas L, Alawi M, Wohlsein P, Marks J, Grundhoff A, Becher P.** 2017. Recovery of the first full-length genome sequence of a parapoxvirus directly from a clinical sample. **7**:3734.
216. **Halecker S, Surup F, Solheim H, Stadler M.** 2017. Albiducins A and B, salicylaldehyde antibiotics from the ash tree-associated saprotrophic fungus *Hymenoscyphus albidus*. *The Journal of antibiotics*.
217. **Higgins PG, Prior K, Harmsen D, Seifert H.** 2017. Development and evaluation of a core genome multilocus typing scheme for whole-genome sequence-based typing of *Acinetobacter baumannii*. *PloS one* **12**:e0179228.
218. **Hoffmann A, Helluy X, Fischer M, Mueller AK, Heiland S, Pham M, Bendszus M, Pfeil J.** 2017. In Vivo Tracking of Edema Development and Microvascular Pathology in a Model of Experimental Cerebral Malaria Using Magnetic Resonance Imaging. *Journal of visualized experiments : JoVE*.
219. **Jackel C, Hertwig S, Scholz HC, Nockler K, Reetz J, Hammerl JA.** 2017. Prevalence, Host Range, and Comparative Genomic Analysis of Temperate *Ochrobactrum* Phages. *Frontiers in microbiology* **8**:1207.
220. **Jackson SE, Redeker A, Arens R, van Baarle D, van den Berg SPH, Benedict CA, Cicin-Sain L, Hill AB, Wills MR.** 2017. CMV immune evasion and manipulation of the immune system with aging. *GeroScience* **39**:273-291.
221. **Jahn L, Schafhauser T, Wibberg D, Ruckert C, Winkler A, Kulik A, Weber T, Flor L, van Pee KH, Kalinowski J, Ludwig-Muller J, Wohlleben W.** 2017. Linking secondary metabolites to biosynthesis genes in the fungal endophyte *Cyanoderrella asteris*: The anti-cancer bisanthraquinone skyrin. *Journal of biotechnology*.
222. **Joost I, Kaasch A, Pausch C, Peyerl-Hoffmann G, Schneider C, Voll RE, Seifert H, Kern WV, Rieg S.** 2017. *Staphylococcus aureus* bacteremia in patients with rheumatoid arthritis - Data from the prospective INSTINCT cohort. *The Journal of infection* **74**:575-584.
223. **Kanwal S, Jensch I, Palm GJ, Bronstrup M, Rohde M, Kohler TP, Somplatzki D, Tegge W, Jenkinson HF, Hammerschmidt S.** 2017. Mapping the recognition domains of pneumococcal fibronectin-binding proteins PavA and PavB demonstrates a common pattern of molecular interactions with fibronectin type III repeats.
224. **Kolesnikova L, Nanbo A, Becker S, Kawaoka Y.** 2017. Inside the Cell: Assembly of Filoviruses. *Current topics in microbiology and immunology*.
225. **Krause S, Bremges A, Munch PC, McHardy AC, Gescher J.** 2017. Characterisation of a stable laboratory co-culture of acidophilic nanoorganisms. *Scientific reports* **7**:3289.

226. **Loebel M, Eckey M, Sotzny F, Hahn E, Bauer S, Grabowski P, Zerweck J, Holenya P, Hanitsch LG, Wittke K, Borchmann P, Ruffer JU, Hiepe F, Ruprecht K, Behrends U, Meindl C, Volk HD, Reimer U, Scheibenbogen C.** 2017. Serological profiling of the EBV immune response in Chronic Fatigue Syndrome using a peptide microarray. *PLoS one* **12**:e0179124.
227. **Lonnroth K, Mor Z, Erkens C, Bruchfeld J, Nathavitharana RR, van der Werf MJ, Lange C.** 2017. Tuberculosis in migrants in low-incidence countries: epidemiology and intervention entry points. *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease* **21**:624-637.
228. **Lutz P, Goeser F, Kaczmarek DJ, Schlabe S, Nischalke HD, Nattermann J, Hoerauf A, Strassburg CP, Spengler U.** 2017. Relative Ascites Polymorphonuclear Cell Count Indicates Bacterascites and Risk of Spontaneous Bacterial Peritonitis. *Digestive diseases and sciences.*
229. **Magis-Escurra C, Gunther G, Lange C, Alexandru S, Altet N, Avsar K, Bang D, Barbuta R, Bothamley G, Ciobanu A, Crudu V, Davilovits M, Dedicoat M, Duarte R, Gualano G, Kunst H, de Lange W, Leimane V, McLaughlin AM, Muylle I, Polcova V, Popa C, Rumetshofer R, Skrahina A, Solodovnikova V, Spinu V, Tiberi S, Viiklepp P, van Leth F.** 2017. Treatment outcomes of MDR-TB and HIV co-infection in Europe. *The European respiratory journal* **49**.
230. **Medvedev R, Ploen D, Spengler C, Elgner F, Ren H, Bunten S, Hildt E.** 2017. HCV-induced oxidative stress by inhibition of Nrf2 triggers autophagy and favors release of viral particles. *Free radical biology & medicine* **110**:300-315.
231. **Munch PC, Stecher B, McHardy AC.** 2017. EDEN: Evolutionary Dynamics within Environments. *Bioinformatics (Oxford, England).*
232. **Munyua P, Corman VM, Bitek A, Osoro E, Meyer B, Muller MA, Lattwein E, Thumbi SM, Murithi R, Widdowson MA, Drosten C, Njenga MK.** 2017. No Serologic Evidence of Middle East Respiratory Syndrome Coronavirus Infection Among Camel Farmers Exposed to Highly Seropositive Camel Herds: A Household Linked Study, Kenya, 2013. *Cell biology and toxicology* **96**:1318-1324.
233. **Ogonek J, Verma K, Schultze-Florey C, Varanasi P, Luther S, Schweier P, Kuhnau W, Gohring G, Dammann E, Stadler M, Ganser A, Koehl U, Koenecke C, Weissinger EM, Hambach L.** 2017. Characterization of High-Avidity Cytomegalovirus-Specific T Cells with Differential Tetramer Binding Coappearing after Allogeneic Stem Cell Transplantation. *Journal of immunology (Baltimore, Md. : 1950)* **199**:792-805.
234. **Rausch P, Kunzel S, Suwandi A, Grassl GA, Rosenstiel P, Baines JF.** 2017. Multigenerational Influences of the Fut2 Gene on the Dynamics of the Gut Microbiota in Mice. *Frontiers in microbiology* **8**:991.
235. **Regenbogen B, Willmann M, Steglich M, Bunk B, Nubel U, Peter S, Neher RA.** 2017. Rapid and consistent evolution of colistin resistance in XDR *Pseudomonas aeruginosa* during morbidostat culture.
236. **Ren H, Elgner F, Himmelsbach K, Akhras S, Jiang B, Medvedev R, Ploen D, Hildt E.** 2017. Identification of syntaxin 4 as an essential factor for the hepatitis C virus life cycle. *Antimicrobial agents and chemotherapy.*
237. **Riedel T, Wetzell D, Hofmann JD, Plorin S, Dannheim H, Berges M, Zimmermann O, Bunk B, Schober I, Sproer C, Liesegang H, Jahn D, Overmann J, Gross U, Neumann-Schaal M.** 2017. High metabolic versatility of different toxigenic and non-toxigenic *Clostridioides difficile* isolates. *International journal of medical microbiology : IJMM.*
238. **Schaberg T, Bauer T, Brinkmann F, Diel R, Feiterna-Sperling C, Haas W, Hartmann P, Hauer B, Heyckendorf J, Lange C, Nienhaus A, Otto-Knapp R, Priwitzer M, Richter E, Rumetshofer R, Schenkel K, Schoch OD, Schonfeld N, Stahlmann R.** 2017. [Tuberculosis Guideline for Adults - Guideline for Diagnosis and Treatment of Tuberculosis including LTBI Testing and Treatment of the German Central Committee (DZK) and the German Respiratory Society (DGP)]. *Pneumologie (Stuttgart, Germany)* **71**:325-397.
239. **Schubert S, Wieser A, Bonkat G.** 2017. [New microbiological techniques]. *Der Urologe. Ausg. A* **56**:711-719.
240. **Susser S, Dietz J, Schlevogt B, Zuckerman E, Barak M, Piazzolla V, Howe A, Hinrichsen H, Passmann S, Daniel R, Cornberg M, Mangia A, Zeuzem S, Sarrazin C.** 2017. Origin, prevalence and response to therapy of hepatitis C virus genotype 2k/1b chimeras. *Journal of hepatology.*
241. **Trsan T, Vukovic K, Filipovic P, Brizic AL, Lemmermann NAW, Schober K, Busch DH.** 2017. Cytomegalovirus vector expressing RAE-1 γ induces enhanced anti-tumor capacity of murine CD8⁺ T cells. *Infection.*
242. **Weidner-Glunde M, Mariggio G, Schulz TF.** 2017. Kaposi's Sarcoma-Associated Herpesvirus Latency-Associated Nuclear Antigen: Replicating and Shielding Viral DNA during Viral Persistence. *Angewandte Chemie (International ed. in English)* **91**.

243. **Weller R, Hueging K, Brown RJP, Todt D, Joecks S, Vondran FWR, Pietschmann T.** 2017. Hepatitis C virus strain-dependent usage of apolipoprotein E modulates assembly efficiency and specific infectivity of secreted virions. *Journal of virology*.
244. **Zischke J, Mamareli P, Pokoyski C, Gabaev I.** 2017. The human cytomegalovirus glycoprotein pUL11 acts via CD45 to induce T cell IL-10 secretion. *Angewandte Chemie (International ed. in English)* **13**:e1006454.

July

245. **Al-Ayoubi J, Behrendt P, Bremer B, Suneetha PV, Gisa A, Rinker F, Manns MP, Cornberg M, Wedemeyer H, Kraft ARM.** 2017. Hepatitis E virus ORF 1 induces proliferative and functional T-cell responses in patients with ongoing and resolved hepatitis E. *Liver international : official journal of the International Association for the Study of the Liver*.
246. **Albanese M, Tagawa T.** 2017. MicroRNAs of Epstein-Barr Virus Control Innate and Adaptive Antiviral Immunity. **91**.
247. **Andersson MO, Tolf C, Tamba P, Stefanache M, Radbea G, Rubel F, Waldenstrom J, Dobler G, Chitimia-Dobler L.** 2017. Babesia, Theileria, and Hepatozoon species in ticks infesting animal hosts in Romania. *Journal of virology* **116**:2291-2297.
248. **Bartenschlager R, Cornberg M, Pietschmann T.** 2017. [Personalized treatment of viral hepatitis of the present and the future : Hepatitis B, C, delta, and E]. *Der Internist* **58**:666-674.
249. **Bauer A, Podola L, Mann P, Missanga M, Haule A, Sudi L, Nilsson C, Kaluwa B, Lueer C, Mwakatima M, Munseri PJ, Maboko L, Robb ML, Tovanabutra S, Kijak G, Marovich M, McCormack S, Joseph S, Lyamuya E, Wahren B, Sandstrom E, Biberfeld G, Hoelscher M, Bakari M, Kroidl A, Geldmacher C.** 2017. Preferential Targeting of Conserved Gag Regions after Vaccination with a Heterologous DNA prime - Modified Vaccinia Ankara (MVA) boost HIV-1 vaccine regimen. *Journal of virology*.
250. **Berg T, Simon KG, Mauss S, Schott E, Heyne R, Klass DM, Eisenbach C, Welzel TM, Zachoval R, Felten G, Schulze-Zur-Wiesch J, Cornberg M, den Brouw MLO, Jump B, Reiser H, Gallo L, Warger T, Petersen J.** 2017. Long-term response after stopping tenofovir disoproxil fumarate in non-cirrhotic HBeAg-negative patients - FINITE study. *Journal of hepatology*.
251. **Billig S, Schneefeld M, Huber C, Grassl GA, Eisenreich W, Bange FC.** 2017. Lactate oxidation facilitates growth of Mycobacterium tuberculosis in human macrophages. *Scientific reports* **7**:6484.
252. **Chitimia-Dobler L, Bestehorn M, Broker M, Borde J, Molcanyi T, Andersen NS, Pfeiffer M, Dobler G.** 2017. Morphological anomalies in Ixodes ricinus and Ixodes inopinatus collected from tick-borne encephalitis natural foci in Central Europe. *Experimental & applied acarology*.
253. **Cho YL, Flossdorf M, Kretschmer L, Hofer T, Busch DH, Buchholz VR.** 2017. TCR Signal Quality Modulates Fate Decisions of Single CD4+ T Cells in a Probabilistic Manner. *Cell reports* **20**:806-818.
254. **Chotun N, Preiser W, van Rensburg CJ, Fernandez P, Theron GB, Glebe D, Andersson MI.** 2017. Point-of-care screening for hepatitis B virus infection in pregnant women at an antenatal clinic: A South African experience. *PloS one* **12**:e0181267.
255. **Debarry J, Heinz D, Manns MP.** 2017. [Individualized infection medicine : Challenges and opportunities]. *Der Internist* **58**:647-649.
256. **Dunay GA, Solomatina A, Kummer S, Hufner A, Bialek JK, Eberhard JM, Tolosa E, Hauber J, Wiesch JSZ.** 2017. Assessment of the HIV-1 reservoir in CD4+ regulatory T cells by a Droplet Digital PCR based approach. *Virus research*.
257. **Gilardi A, Bhamidimarri SP, Bronstrup M, Bilitewski U, Marreddy RKR, Pos KM, Benier L, Gribbon P, Winterhalter M, Windshugel B.** 2017. Biophysical characterization of E. coli TolC interaction with the known blocker hexaamminecobalt. *Angewandte Chemie (International ed. in English)*.
258. **Gladstone BP, Cona A, Shamsrizi P, Vilken T, Kern WV, Malek N, Tacconelli E.** 2017. Antimicrobial resistance rates in gram-positive bacteria do not drive glycopeptides use. *PloS one* **12**:e0181358.
259. **Hein-Fuchs NV, Konig R.** 2017. Catch Shiny Droplets in Suspension-Finding the Needle in a Haystack. *Cell chemical biology* **24**:783-784.
260. **Hempel F, Maurer M, Brockmann B, Mayer C, Biedenkopf N, Kelterbaum A, Becker S, Maier UG.** 2017. From hybridomas to a robust microalgal-based production platform: molecular design of a diatom secreting monoclonal antibodies directed against the Marburg virus nucleoprotein. *Microbial cell factories* **16**:131.
261. **Kah J, Koh S, Volz T, Ceccarello E, Allweiss L, Lutgehetmann M, Bertoletti A, Dandri M.** 2017. Lymphocytes transiently expressing virus-specific T cell receptors reduce hepatitis B virus infection. *The Journal of clinical investigation*.

262. **Kalinin DV, Holl R.** 2017. LpxC inhibitors: a patent review (2010-2016). Expert opinion on therapeutic patents.
263. **Kjaerulff L, Raju R, Panter F, Scheid U, Garcia R, Herrmann J, Muller R.** 2017. Pyxipyrrolones: Structure Elucidation and Biosynthesis of Cytotoxic Myxobacterial Metabolites. **56**:9614-9618.
264. **Ko JH, Muller MA, Seok H, Park GE, Lee JY, Cho SY, Ha YE, Baek JY, Kim SH, Kang JM, Kim YJ, Jo IJ, Chung CR, Hahn MJ, Drosten C, Kang CI, Chung DR, Song JH, Kang ES, Peck KR.** 2017. Suggested new breakpoints of anti-MERS-CoV antibody ELISA titers: performance analysis of serologic tests. *Angewandte Chemie (International ed. in English)*.
265. **Kolbe K, Mockl L, Sohst V, Brandenburg J, Engel R, Malm S, Brauchle C, Holst O, Lindhorst TK, Reiling N.** 2017. Azido Pentoses: A New Tool To Efficiently Label Mycobacterium tuberculosis Clinical Isolates. *Chembiochem : a European journal of chemical biology* **18**:1172-1176.
266. **Korner C, Simoneau CR, Schommers P, Granoff M, Ziegler M, Holzemer A, Lunemann S, Chukwukelu J, Corleis B, Naranbhai V, Kwon DS, Scully EP, Jost S, Kirchhoff F, Carrington M, Altfeld M.** 2017. HIV-1-Mediated Downmodulation of HLA-C Impacts Target Cell Recognition and Antiviral Activity of NK Cells. *Cell Host Microbe* **22**:111-119.e114.
267. **Ladavac R, Bedenic B, Vranic-Ladavac M, Barisic N, Karcic N, Pompe K, Ferencic A, Stojanovic A, Seifert H, Katic S, Higgins PG.** 2017. Emergence of different *Acinetobacter baumannii* clones in a Croatian hospital and correlation with antibiotic susceptibility. *Journal of global antimicrobial resistance* **10**:213-218.
268. **Lempp FA, Urban S.** 2017. Hepatitis Delta Virus: Replication Strategy and Upcoming Therapeutic Options for a Neglected Human Pathogen. *Viruses* **9**.
269. **McHugh D, Caduff N, Barros MHM, Ramer PC, Raykova A, Murer A, Landtwing V, Quast I, Styles CT, Spohn M, Fowotade A, Delecluse HJ, Papoudou-Bai A, Lee YM, Kim JM, Middeldorp J, Schulz TF, Cesarman E, Zbinden A, Capaul R, White RE, Allday MJ, Niedobitek G, Blackbourn DJ, Grundhoff A, Munz C.** 2017. Persistent KSHV Infection Increases EBV-Associated Tumor Formation In Vivo via Enhanced EBV Lytic Gene Expression. *Cell Host Microbe* **22**:61-73.e67.
270. **Moore BS, Carter GT, Bronstrup M.** 2017. Editorial: Are natural products the solution to antimicrobial resistance? *Natural product reports* **34**:685-686.
271. **Mutters NT, De Angelis G, Restuccia G, Di Muzio F, Schouten J, Hulscher M, Antonelli M, Tacconelli E.** 2017. Use of evidence-based recommendations in an antibiotic care bundle for the intensive care unit. *International journal of antimicrobial agents*.
272. **Nunez-Nunez M, Navarro MD, Palomo V, Rajendran NB, Del Toro MD, Voss A, Sharland M, Sifakis F, Tacconelli E, Rodriguez-Bano J.** 2017. The Methodology of Surveillance for Antimicrobial Resistance and Healthcare-Associated Infections in Europe (SUSPIRE): A Systematic Review of Publicly Available Information. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases*.
273. **Ogonek J, Varanasi P, Luther S, Schweier P, Kuhnau W, Gohring G, Dammann E, Stadler M, Ganser A, Borchers S, Koehl U, Weissinger EM, Hambach L.** 2017. Possible Impact of Cytomegalovirus-Specific CD8+ T Cells on Immune Reconstitution and Conversion to Complete Donor Chimerism after Allogeneic Stem Cell Transplantation. *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation* **23**:1046-1053.
274. **Olbrich H, Slabik C, Stripecke R.** 2017. Reconstructing the immune system with lentiviral vectors.
275. **Orkin C, Llibre JM, Gallien S, Antinori A, Behrens G, Carr A.** 2017. Nucleoside reverse transcriptase inhibitor-reducing strategies in HIV treatment: assessing the evidence. *Virus genes*.
276. **Overmann J, Abt B, Sikorski J.** 2017. Presence and Future of Culturing Bacteria. *Annual review of microbiology*.
277. **Prodjinotho UF, von Horn C, Debrah AY, Batsa Debrah L, Albers A, Layland LE, Hoerauf A, Adjobimey T.** 2017. Pathological manifestations in lymphatic filariasis correlate with lack of inhibitory properties of IgG4 antibodies on IgE-activated granulocytes. **11**:e0005777.
278. **Rolling T, Muhlenpfordt M, Addo MM, Cramer JP, Vinnemeier CD.** 2017. Pre-travel advice at a crossroad: Medical preparedness of travellers to South and Southeast-Asia - The Hamburg Airport Survey. *PLoS neglected tropical diseases*.
279. **Rosner BM, Schielke A, Didelot X, Kops F, Breidenbach J, Willrich N, Golz G, Alter T, Stingl K, Josenhans C, Suerbaum S.** 2017. A combined case-control and molecular source attribution study of human *Campylobacter* infections in Germany, 2011-2014. **7**:5139.
280. **Schott K, Riess M, Konig R.** 2017. Role of Innate Genes in HIV Replication. *Current topics in microbiology and immunology*.

281. **Seifert H, Korber-Irrgang B, Kresken M.** 2017. In-vitro activity of ceftolozane/tazobactam against pseudomonas aeruginosa and enterobacteriaceae isolates recovered from hospitalized patients in germany. International journal of antimicrobial agents.
282. **Seifert H, Stefanik D, Sutcliffe JA, Higgins PG.** 2017. In-vitro activity of the novel fluorocycline eravacycline against carbapenem non-susceptible Acinetobacter baumannii. International journal of antimicrobial agents.
283. **Shahhosseini N, Chinikar S, Moosa-Kazemi SH, Sedaghat MM, Kayedi MH, Luhken R, Schmidt-Chanasit J.** 2017. West Nile Virus lineage-2 in Culex specimens from Iran. Tropical medicine & international health : TM & IH.
284. **Solbach P, Dersch P, Bachmann O.** 2017. [Individualized treatment strategies for Clostridium difficile infections]. Der Internist **58**:675-681.
285. **Stein SC, Faber E, Bats SH, Murillo T, Speidel Y, Coombs N, Josenhans C.** 2017. Helicobacter pylori modulates host cell responses by CagT45S-dependent translocation of an intermediate metabolite of LPS inner core heptose biosynthesis. **13**:e1006514.
286. **Tan WL, Wong KH, Lei J, Sakai N, Tan HW, Hilgenfeld R, Tam JP.** 2017. Lybatides from Lycium barbarum Contain An Unusual Cystine-stapled Helical Peptide Scaffold. PLoS pathogens **7**:5194.
287. **van Duuren J, Musken M, Karge B, Tomasch J, Wittmann C, Haussler S, Bronstrup M.** 2017. Use of Single-Frequency Impedance Spectroscopy to Characterize the Growth Dynamics of Biofilm Formation in Pseudomonas aeruginosa. **7**:5223.
288. **van Ingen J, Kohl TA, Kranzer K, Hasse B, Keller PM, Katarzyna Szafranska A, Hillemann D, Chand M, Schreiber PW, Sommerstein R, Berger C, Genoni M, Ruegg C, Troillet N, Widmer AF, Becker SL, Herrmann M, Eckmanns T, Haller S, Holler C, Debast SB, Wolfhagen MJ, Hopman J, Kluytmans J, Langelaar M, Notermans DW, Ten Oever J, van den Barselaar P, Vonk ABA, Vos MC, Ahmed N, Brown T, Crook D, Lamagni T, Phin N, Smith EG, Zambon M, Serr A, Gotting T, Ebner W, Thurmer A, Utpatel C, Sproer C, Bunk B, Nubel U, Bloemberg GV, Bottger EC, Niemann S, Wagner D, Sax H.** 2017. Global outbreak of severe Mycobacterium chimaera disease after cardiac surgery: a molecular epidemiological study. Scientific reports.
289. **Walther G, Stasch S, Kaerger K, Hamprecht A, Roth M, Cornely OA, Geerling G, Mackenzie CR, Kurzai O, von Lilienfeld-Toal M.** 2017. Fusarium Keratitis in Germany. Journal of clinical microbiology.
290. **Wehmeyer MH, Ingiliz P, Christensen S, Hueppe D, Lutz T, Simon KG, Schewe K, Boesecke C, Baumgarten A, Busch H, Rockstroh J, Schmutz G, Kimhofer T, Berger F, Mauss S, Wiesch JSZ.** 2017. Real-world effectiveness of sofosbuvir-based treatment regimens for chronic hepatitis C genotype 3 infection: results from the multicenter German hepatitis C cohort (GECCO-03). Journal of medical virology.

August

291. **Aarnoutse RE, Kibiki GS, Reither K, Semvua HH, Haraka F, Mtabho CM, Mpagama SG, van den Boogaard J, Sumari-de Boer IM, Magis-Escurra C, Wattenberg M, Logger JGM, Te Brake LHM, Hoelscher M, Gillespie SH, Colbers A, Phillips PPJ, Plemper van Balen G, Boeree MJ.** 2017. Pharmacokinetics, tolerability and bacteriological response of 600, 900 and 1200 mg rifampicin daily in patients with pulmonary TB. Antimicrobial agents and chemotherapy.
292. **Akhras S, Toda M, Boller K, Himmelsbach K, Elgner F, Biehl M, Scheurer S, Gratz M, Vieths S, Hildt E.** 2017. Cell-permeable capsids as universal antigen carrier for the induction of an antigen-specific CD8+ T-cell response. Scientific reports **7**:9630.
293. **Altenburg AF, van de Sandt CE, Li BWS, MacLoughlin RJ, Fouchier RAM, van Amerongen G, Volz A, Hendriks RW, de Swart RL, Sutter G, Rimmelzwaan GF, de Vries RD.** 2017. Modified Vaccinia Virus Ankara Preferentially Targets Antigen Presenting Cells In Vitro, Ex Vivo and In Vivo. Scientific reports **7**:8580.
294. **Bauer A, Podola L, Mann P, Missanga M, Haule A, Sudi L, Nilsson C, Kaluwa B, Lueer C, Mwakatima M, Munseri PJ, Maboko L, Robb ML, Tovanabutra S, Kijak G, Marovich M, McCormack S, Joseph S, Lyamuya E, Wahren B, Sandstrom E, Biberfeld G, Hoelscher M, Bakari M, Kroidl A, Geldmacher C.** 2017. Preferential Targeting of Conserved Gag Regions after Vaccination with a Heterologous DNA Prime-Modified Vaccinia Virus Ankara Boost HIV-1 Vaccine Regimen. Journal of virology **91**.
295. **Beckmann A, Huttel S, Schmitt V, Muller R, Stadler M.** 2017. Optimization of the biotechnological production of a novel class of anti-MRSA antibiotics from Chitinophaga sancti. Microbial cell factories **16**:143.

296. **Borkner L, Sitnik KM.** 2017. Immune Protection by a Cytomegalovirus Vaccine Vector Expressing a Single Low-Avidity Epitope. *Journal of immunology (Baltimore, Md. : 1950)*.
297. **Brancaccio RN, Robitaille A, Dutta S, Rollison DE, Fischer N, Grundhoff A, Tommasino M, Gheit T.** 2017. Complete Genome Sequence of a Novel Human Gammmapapillomavirus Isolated from Skin. *Genome announcements* **5**.
298. **Bruns H, Crusemann M, Letzel AC, Alanjary M, McInerney JO, Jensen PR, Schulz S, Moore BS, Ziemert N.** 2017. Function-related replacement of bacterial siderophore pathways. *The ISME journal*.
299. **Budida R, Stankov MV, Dohner K, Buch A, Panayotova-Dimitrova D, Tappe KA, Pohlmann A, Sodeik B, Behrens GMN.** 2017. Herpes Simplex Virus 1 interferes with autophagy of murine dendritic cells and impairs their ability to stimulate CD8+ T lymphocytes. *European journal of immunology*.
300. **Dheda K, Cox H, Esmail A, Wasserman S, Chang KC, Lange C.** 2017. Recent controversies about MDR and XDR-TB: Global implementation of the WHO shorter MDR-TB regimen and bedaquiline for all with MDR-TB? *Respirology (Carlton, Vic.)*.
301. **Dosselmann B, Willmann M, Steglich M, Bunk B, Nubel U, Peter S, Neher RA.** 2017. Rapid and Consistent Evolution of Colistin Resistance in Extensively Drug-Resistant *Pseudomonas aeruginosa* during Morbidostat Culture. *Antimicrobial agents and chemotherapy* **61**.
302. **Fabiani FD, Renault TT, Peters B, Dietsche T, Galvez EJC, Guse A, Freier K, Charpentier E, Strowig T, Franz-Wachtel M, Macek B, Wagner S, Hensel M, Erhardt M.** 2017. A flagellum-specific chaperone facilitates assembly of the core type III export apparatus of the bacterial flagellum. *PLoS biology* **15**:e2002267.
303. **Frey TR, Lehmann MH, Ryan CM, Pizzorno MC, Sutter G, Hersperger AR.** 2017. Ectromelia virus accumulates less double-stranded RNA compared to vaccinia virus in BS-C-1 cells. *Virology* **509**:98-111.
304. **Fukumura T, Makino F, Dietsche T, Kinoshita M, Kato T, Wagner S, Namba K, Imada K, Minamoto T.** 2017. Assembly and stoichiometry of the core structure of the bacterial flagellar type III export gate complex. *PLoS biology* **15**:e2002281.
305. **Gebru T, Lalremruata A, Kreamsner PG, Mordmuller B, Held J.** 2017. Life-span of in vitro differentiated *Plasmodium falciparum* gametocytes. *Malaria journal* **16**:330.
306. **Ghosh H, Bunk B, Doijad S, Schmiedel J, Falgenhauer L, Sproer C, Imirzalioglu C, Overmann J, Chakraborty T.** 2017. Complete Genome Sequence of blaCTX-M-27-Encoding *Escherichia coli* Strain H105 of Sequence Type 131 Lineage C1/H30R. *Genome announcements* **5**.
307. **Giesbrecht K, Eberle ME, Wolfle SJ, Sahin D, Sahr A, Oberhardt V, Menne Z, Bode KA, Heeg K, Hildebrand D.** 2017. IL-1 β As Mediator of Resolution That Reprograms Human Peripheral Monocytes toward a Suppressive Phenotype. *Frontiers in immunology* **8**:899.
308. **Giesbrecht K, Eberle M-E, Wölfle SJ, Sahin D, Sähr A, Oberhardt V, Menne Z, Bode KA, Heeg K, Hildebrand D.** 2017. IL-1 β As Mediator of Resolution That Reprograms Human Peripheral Monocytes toward a Suppressive Phenotype. *Frontiers in immunology* **8**.
309. **Grosse S, Penaud-Budloo M, Herrmann AK, Borner K, Fakhiri J, Laketa V, Kramer C, Wiedtke E, Gunkel M, Menard L, Ayuso E, Grimm D.** 2017. Relevance of assembly-activating protein for Adeno-associated virus vector production and capsid protein stability in mammalian and insect cells. *Journal of virology*.
310. **Halbach R, Junglen S, van Rij RP.** 2017. Mosquito-specific and mosquito-borne viruses: evolution, infection, and host defense. *Current opinion in insect science* **22**:16-27.
311. **Harris PNA, Pezzani MD, Gutierrez-Gutierrez B, Viale P, Hsueh PR, Ruiz-Garbajosa P, Venditti M, Tumbarello M, Navarro-Francisco C, Calbo E, Akova M, Giamarellou H, Oliver A, Almirante B, Gasch O, Martinez-Martinez L, Schwaber MJ, Daikos G, Pitout J, Pena C, Hernandez-Torres A, Doi Y, Perez F, Tuon FF, Tacconelli E, Carmeli Y, Bonomo RA, Pascual A, Paterson DL, Rodriguez-Bano J.** 2017. Geographical variation in therapy for bloodstream infections due to multidrug-resistant enterobacteriaceae: a post hoc analysis of the INCREMENT study. *International journal of antimicrobial agents*.
312. **Havlicek J, Rivera-Milla E, Slickers P, Andres S, Feuerriegel S, Niemann S, Merker M.** 2017. An application of competitive reporter monitored amplification (CMA) for rapid detection of single nucleotide polymorphisms (SNPs). *PLoS one* **12**:e0183561.
313. **Heinz WJ, Buchheidt D, Christopheit M, von Lilienfeld-Toal M, Cornely OA, Einsele H, Karthaus M, Link H, Mahlberg R, Neumann S, Ostermann H, Penack O, Ruhnke M, Sandherr M, Schiel X, Vehreschild JJ, Weissingner F, Maschmeyer G.** 2017. Diagnosis and empirical treatment of fever of unknown origin (FUO) in adult neutropenic patients: guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO). *Annals of hematology*.

314. **Hupa KL, Jaeckel E, Manns MP.** 2017. Silymarin in non-alcoholic steatohepatitis - a new kid on the block ? *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association.*
315. **Kouretova J, Hammamy MZ, Epp A, Harges K, Kallis S, Zhang L, Hilgenfeld R, Bartenschlager R, Steinmetzer T.** 2017. Effects of NS2B-NS3 protease and furin inhibition on West Nile and Dengue virus replication. *Journal of enzyme inhibition and medicinal chemistry* **32**:712-721.
316. **Lei J, Hilgenfeld R.** 2017. RNA-virus proteases counteracting host innate immunity. *FEBS letters.*
317. **Link EK, Brandmuller C, Suezer Y, Ameres S, Volz A, Moosmann A, Sutter G, Lehmann MH.** 2017. A synthetic human cytomegalovirus pp65-IE1 fusion antigen efficiently induces and expands virus specific T cells. *Vaccine.*
318. **Mallet V, Bruneau J, Zuber J, Alanio C, Leclerc-Mercier S, Roque-Afonso AM, Kraft ARM, Couronne L, Roulot D, Wedemeyer H, Albert ML, Hillon P, Laroche L, Pol S, Hermine O.** 2017. Hepatitis E Virus-Induced Primary Cutaneous CD30(+) T cell Lymphoproliferative Disorder. *Journal of hepatology.*
319. **Mohr F, Fischer JC, Nikolaus M, Stemberger C, Dreher S, Verschoor A, Haas T, Poeck H, Busch DH.** 2017. Minimally manipulated murine regulatory T cells purified by reversible Fab Multimers are potent suppressors for adoptive T cell therapy. *European journal of immunology.*
320. **Plipat T, Buathong R, Wacharapluesadee S, Siriarayapon P, Pittayawonganon C, Sangsajja C, Kaewpom T, Petcharat S, Ponpinit T, Jumpasri J, Joyjinda Y, Rodpan A, Ghai S, Jittmittraphap A, Khongwichit S, Smith DR, Corman VM, Drosten C, Hemachudha T.** 2017. Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin* **22**.
321. **Rechtien A, Richert L, Lorenzo H, Martrus G, Hejblum B, Dahlke C, Kasonta R, Zinser M, Stubbe H, Matschl U, Lohse A, Kraehling V, Eickmann M, Becker S, Thiebaut R, Altfeld M, Addo M.** 2017. Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. *Cell reports* **20**:2251-2261.
322. **Remy MM, Sahin M, Flatz L, Regen T, Xu L, Kreutzfeldt M, Fallet B, Doras C, Rieger T, Bestmann L, Hanisch UK, Kaufmann BA, Merkler D, Pinschewer DD.** 2017. Interferon-gamma-Driven iNOS: A Molecular Pathway to Terminal Shock in Arenavirus Hemorrhagic Fever. *Cell Host Microbe.*
323. **Ritter M, Tamadaho RSE, Feid J, Vogel W, Wiszniewsky K, Perner S, Hoerauf A, Layland LE.** 2017. IL-4/5 signalling plays an important role during *Litomosoides sigmodontis* infection, influencing both immune system regulation and tissue pathology in the thoracic cavity. *International journal for parasitology.*
324. **Ronnberg B, Gustafsson A, Vapalahti O, Emmerich P, Lundkvist A, Schmidt-Chanasit J, Blomberg J.** 2017. Compensating for cross-reactions using avidity and computation in a suspension multiplex immunoassay for serotyping of Zika versus other flavivirus infections. *Medical microbiology and immunology.*
325. **Saxenhofer M, Weber de Melo V, Ulrich RG, Heckel G.** 2017. Revised time scales of RNA virus evolution based on spatial information. *Proceedings. Biological sciences* **284**.
326. **Schmitt FCF, Freund I, Weigand MA, Helm M, Dalpke AH, Eigenbrod T.** 2017. Identification of an optimized 2'-O-methylated trinucleotide RNA motif inhibiting Toll-like receptors 7 and 8. *RNA (New York, N.Y.)* **23**:1344-1351.
327. **Seidel D, Duran Graeff LA.** 2017. FungiScope -Global Emerging Fungal Infection Registry. *Mycoses* **60**:508-516.
328. **Suarez I, Lehmann C, Gruell H, Graeb J, Kochanek M, Fatkenheuer G, Plum G, van Wengen A, van de Vosse E, Hartmann P, Hanitsch LG, Rybniker J.** 2017. Repurposing QuantiFERON for Detection of Neutralizing Interferon-gamma Autoantibodies in Patients With Nontuberculous Mycobacterial Infections. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* **65**:518-521.
329. **Thongbai B, Miller SL, Stadler M, Wittstein K, Hyde KD, Lumyong S, Raspe O.** 2017. Study of three interesting *Amanita* species from Thailand: Morphology, multiple-gene phylogeny and toxin analysis. *PloS one* **12**:e0182131.
330. **Trinh TT, Hoang TS, Tran DA, Trinh VT, Gohler A, Nguyen TT, Hoang SN, Krumkamp R, Nguyen LTN, May J, Doan PM, Do CD, Que TA, Steinmetz I.** 2017. A Simple Laboratory Algorithm for Diagnosis of Melioidosis in Resource-Constrained Areas: A Study from North Central Vietnam. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases.*

331. **Wilmes M, Meier K, Schiefer A, Josten M, Otten CF, Klockner A, Henrichfreise B, Vollmer W, Hoerauf A, Pfarr K.** 2017. AmiD Is a Novel Peptidoglycan Amidase in Wolbachia Endosymbionts of *Drosophila melanogaster*. *Frontiers in cellular and infection microbiology* **7**:353.
332. **Wisskirchen K, Metzger K, Schreiber S, Asen T, Weigand L, Dargel C, Witter K, Kieback E, Sprinzl MF, Uckert W, Schiemann M, Busch DH, Krackhardt AM, Protzer U.** 2017. Isolation and functional characterization of hepatitis B virus-specific T-cell receptors as new tools for experimental and clinical use. *PLoS one* **12**:e0182936.
333. **Zielinski CE.** 2017. Human T cell immune surveillance: Phenotypic, functional and migratory heterogeneity for tailored immune responses. *Immunology letters* **190**:125-129.

September

334. **Abere B, Mamo TM, Hartmann S, Samarina N, Hage E, Rueckert J, Hotop SK, Buesche G, Schulz TF.** 2017. The Kaposi's sarcoma-associated herpesvirus (KSHV) non-structural membrane protein K15 is required for viral lytic replication and may represent a therapeutic target. *PLoS pathogens* **13**:e1006639.
335. **Andersson MO, Chitimia-Dobler L.** 2017. Detection of *Cercophitofilaria baina* in western Romania. *Parasitology research*.
336. **Bohm K, Filomena A, Schneiderhan-Marra N, Krause G, Sievers C.** 2017. Validation of HAV biomarker 2A for differential diagnostic of hepatitis A infected and vaccinated individuals using multiplex serology. *Vaccine* **35**:5883-5889.
337. **Carrillo-Bustamante P, Nguyen THT, Oestereich L, Gunther S, Guedj J, Graw F.** 2017. Determining Ribavirin's mechanism of action against Lassa virus infection. *Scientific reports* **7**:11693.
338. **Chitimia-Dobler L, Riess R, Kahl O, Wolfel S, Dobler G, Nava S, Estrada-Pena A.** 2017. *Ixodes inopinatus* - Occurring also outside the Mediterranean region. *Ticks and tick-borne diseases*.
339. **Damm O, Horn J, Mikolajczyk RT, Kretzschmar MEE, Kaufmann AM, Delere Y, Ultsch B, Wichmann O, Kramer A, Greiner W.** 2017. Cost-effectiveness of human papillomavirus vaccination in Germany. *Cost effectiveness and resource allocation : C/E* **15**:18.
340. **Donner J, Reck M, Bunk B, Jarek M, App CB, Meier-Kolthoff JP, Overmann J, Muller R, Kirschning A, Wagner-Dobler I.** 2017. The Biofilm Inhibitor Carolacton Enters Gram-Negative Cells: Studies Using a TolC-Deficient Strain of *Escherichia coli*. *mSphere* **2**.
341. **Fischer J, Simon T, Hamprecht A, Hos N, Moricke A, Cernaianu G, Tharun L, Gruhn B, Plum G, Dubbers M.** 2017. Surgical Implications for Diagnosis and Treatment of Intestinal Aspergillosis in Pediatric Patients with ALL. *Eur J Pediatr Surg*.
342. **Frichert A, Jones PG, Bronstrup M, Lindel T.** 2017. Oxidation of the Meroterpenoid (-)-Terreumol C from the Mushroom *Tricholoma terreum*: Discovery of Cytotoxic Analogues. *Journal of natural products*.
343. **Gleser M, Schwab F, Solbach P, Vonberg RP.** 2017. Modified gloves: A chance for the prevention of nosocomial infections. *Am J Infect Control*.
344. **Harms H, Poehlein A, Thurmer A, Konig GM, Schaberle TF.** 2017. Draft Genome Sequence of *Zobellia* sp. Strain OII3, Isolated from the Coastal Zone of the Baltic Sea. *Genome announcements* **5**.
345. **Hujer AM, Higgins PG, Rudin SD, Buser GL, Marshall SH, Xanthopoulou K, Seifert H, Rojas LJ, Domitrovic TN, Cassidy PM, Cunningham MC, Vega R, Furuno JP, Pfeiffer CD, Beldavs ZG, Wright MS, Jacobs MR, Adams MD, Bonomo RA.** 2017. A Nosocomial Outbreak of Extensively Drug Resistant (XDR) *Acinetobacter baumannii* Isolates Containing blaOXA-237 Encoded on a Plasmid. *Antimicrobial agents and chemotherapy*.
346. **Jablonka A, Happle C, Wetzke M, Dopfer C, Merkesdal S, Schmidt RE, Behrens GMN, Solbach P.** 2017. Measles, Rubella and Varicella IgG Seroprevalence in a Large Refugee Cohort in Germany in 2015: A Cross-Sectional Study. *Infectious diseases and therapy*.
347. **Kaufmann SHE, Dorhoi A, Hotchkiss RS, Bartenschlager R.** 2017. Host-directed therapies for bacterial and viral infections. *Nature reviews. Drug discovery*.
348. **Khosa C, Patel K, Abdiyeva K, Turebekov N, Pruller B, Heinrich N.** 2017. Proceedings from the CIHLMU 5th Infectious Diseases Symposium 2016 "Drug Resistant Tuberculosis: Old Disease - New Challenge". *BMC proceedings* **11**:0.
349. **Koehler FC, Cornely OA, Wisplinghoff H, Chang DH, Richter A, Koehler P.** 2017. Candida-reactive T cells for the diagnosis of invasive Candida infection of the lumbar vertebral spine. *Mycoses*.
350. **Leggewie M, Krumkamp R, Badusche M, Heitmann A, Jansen S, Schmidt-Chanasit J, Tannich E, Becker SC.** 2017. *Culex torrentium* mosquitoes from Germany are negative for Wolbachia. *Medical and veterinary entomology*.

351. **Lempp FA, Wiedtke E, Qu B, Roques P, Chemin I, Vondran FWR, Le Grand R, Grimm D, Urban S.** 2017. Sodium taurocholate cotransporting polypeptide is the limiting host factor of hepatitis B virus infection in macaque and pig hepatocytes. *Hepatology (Baltimore, Md.)* **66**:703-716.
352. **Lier C, Becker S, Biedenkopf N.** 2017. Dynamic phosphorylation of Ebola virus VP30 in NP-induced inclusion bodies. *Virology* **512**:39-47.
353. **Linares-Otoya L, Linares-Otoya V, Armas-Mantilla L, Blanco-Olano C, Crusemann M, Ganoza-Yupanqui ML, Campos-Florian J, Konig GM, Schaberle TF.** 2017. Identification and heterologous expression of the kocurin biosynthetic gene cluster. *Microbiology (Reading, England)*.
354. **Marosevic D, Margos G, Wallich R, Sing A, Fingerle V.** 2017. First insights in the variability of *Borrelia recurrentis* genomes. *PLoS neglected tropical diseases* **11**:e0005865.
355. **Muenchhoff M, Healy M, Singh R, Roider J, Groll A, Kindra C, Sibaya T, Moonsamy A, McGregor C, Phan MQ, Palma A, Kloverpris H, Leslie A, Bobat R, LaRussa P, Ndung'u T, Goulder P, Sobieszczyk ME, Archary M.** 2017. Malnutrition in HIV-Infected Children Is an Indicator of Severe Disease with an Impaired Response to Antiretroviral Therapy. *AIDS research and human retroviruses*.
356. **Mutters NT, Malek V, Agnandji ST, Gunther F, Tacconelli E.** 2017. Evaluation of the scientific impact of the Ebola epidemic: a systematic review. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases*.
357. **Nowak J, Zander E, Stefanik D, Higgins PG, Roca I, Vila J, McConnell MJ, Cisneros JM, Seifert H.** 2017. High incidence of pandrug-resistant *Acinetobacter baumannii* isolates collected from patients with ventilator-associated pneumonia in Greece, Italy and Spain as part of the MagicBullet clinical trial. *The Journal of antimicrobial chemotherapy*.
358. **Nyboer B, Heiss K, Mueller AK, Ingmundson A.** 2017. The Plasmodium liver-stage parasitophorous vacuole: A front-line of communication between parasite and host. *International journal of medical microbiology : IJMM*.
359. **Overmann J, Abt B, Sikorski J.** 2017. Present and Future of Culturing Bacteria. *Annual review of microbiology* **71**:711-730.
360. **Parusel R, Steimle A, Lange A, Schafer A, Maerz JK, Bender A, Frick JS.** 2017. An important question: Which LPS do you use? *Virulence*:1-4.
361. **Petersen BS, August D, Abt R, Alddafari M, Atarod L, Baris S, Bhavsar H, Brinkert F, Buchta M, Bulashevskaya A, Chee R, Cordeiro AI, Dara N, Duckers G, Elmarsafy A, Frede N, Galal N, Gerner P, Glocker EO, Goldacker S, Hammermann J, Hasselblatt P, Havlicekova Z, Hubscher K, Jesenak M, Karaca NE, Karakoc-Aydiner E, Kharaghani MM, Kilic SS, Kiykim A, Klein C, Klemann C, Kobbe R, Kotlarz D, Laass MW, Leahy TR, Mesdaghi M, Mitton S, Neves JF, Ozturk B, Pereira LF, Rohr J, Restrepo JLR, Ruzaike G, Saleh N, Seneviratne S, Senol E, Speckmann C, Tegtmeyer D, Thankam P, van der Werff Ten Bosch J, von Bernuth H, Zeissig S, Zeissig Y, Franke A, Grimbacher B.** 2017. Targeted Gene Panel Sequencing for Early-onset Inflammatory Bowel Disease and Chronic Diarrhea. *Inflammatory bowel diseases*.
362. **Pfefferkorn M, Bohm S, Schott T, Deichsel D, Bremer CM, Schroder K, Gerlich WH, Glebe D, Berg T, van Bommel F.** 2017. Quantification of large and middle proteins of hepatitis B virus surface antigen (HBsAg) as a novel tool for the identification of inactive HBV carriers. *Gut*.
363. **Reiling N, Homolka S, Kohl TA, Steinhauser C, Kolbe K, Schutze S, Brandenburg J.** 2017. Shaping the niche in macrophages: Genetic diversity of the *M. tuberculosis* complex and its consequences for the infected host. *International journal of medical microbiology : IJMM*.
364. **Rox K, Jansen R, Loof TG, Gillen CM, Bernecker S, Walker MJ, Chhatwal GS, Muller R.** 2017. Linoleic and palmitoleic acid block streptokinase-mediated plasminogen activation and reduce severity of invasive group A streptococcal infection. *Scientific reports* **7**:11798.
365. **Ryll R, Bernstein S, Heuser E, Schlegel M, Dremsek P, Zumpe M, Wolf S, Pepin M, Bajomi D, Muller G, Heiberg AC, Spahr C, Lang J, Groschup MH, Ansorge H, Freise J, Guenther S, Baert K, Ruiz-Fons F, Pikula J, Knap N, Tsakmakidis I, Dovas C, Zanet S, Imholt C, Heckel G, John R, Ulrich RG.** 2017. Detection of rat hepatitis E virus in wild Norway rats (*Rattus norvegicus*) and Black rats (*Rattus rattus*) from 11 European countries. *Veterinary microbiology* **208**:58-68.
366. **Schnieder M, Siddiqui T, Karch A, Bahr M, Hasenfuss G, Liman J, Schroeter MR.** 2017. Clinical Relevance of Patent Foramen Ovale and Atrial Septum Aneurysm in Stroke: Findings of a Single-Center Cross-Sectional Study. *European neurology* **78**:264-269.
367. **Schone T, Grimm LL, Sakai N, Zhang L, Hilgenfeld R, Peters T.** 2017. STD-NMR experiments identify a structural motif with novel second-site activity against West Nile virus NS2B-NS3 protease. *Antiviral research* **146**:174-183.

368. **Schrijver R, Stijntjes M, Rodriguez-Bano J, Tacconelli E, Rajendran NB, Voss A.** 2017. A review of antimicrobial resistance surveillance programmes in livestock and meat thereof in Europe with a focus on antimicrobial resistance patterns in humans. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases.*
369. **Shahhosseini N, Luhken R, Jost H, Jansen S, Borstler J, Rieger T, Kruger A, Yadouleton A, de Mendonca Campos R, Cirne-Santos CC, Ferreira DF, Garms R, Becker N, Tannich E, Cadar D, Schmidt-Chanasit J.** 2017. Detection and characterization of a novel rhabdovirus in *Aedes cantans* mosquitoes and evidence for a mosquito-associated new genus in the family Rhabdoviridae. *Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases* **55**:260-268.
370. **Spahr C, Knauf-Witzens T, Vahlenkamp T, Ulrich RG, Johne R.** 2017. Hepatitis E virus and related viruses in wild, domestic and zoo animals: A review. *Zoonoses and public health.*
371. **Spinner CD, Kummerle T, Krznicar I, Degen O, Schwerdtfeger C, Zink A, Wolf E, Klinker HHF, Boesecke C.** 2017. Pharmacokinetics of once-daily dolutegravir and ritonavir-boosted darunavir in HIV patients: the DUALIS study. *The Journal of antimicrobial chemotherapy* **72**:2679-2681.
372. **Steinbach A, Riemer AB.** 2017. Immune evasion mechanisms of human papillomavirus: An update. *International journal of cancer.*
373. **Vestergaard M, Nohr-Meldgaard K, Bojer MS, Krosgard Nielsen C, Meyer RL, Slavetinsky C, Peschel A, Ingmer H.** 2017. Inhibition of the ATP Synthase Eliminates the Intrinsic Resistance of *Staphylococcus aureus* towards Polymyxins. *mBio* **8**.
374. **Wen Y, Ouyang Z, Yu Y, Zhou X, Pei Y, Devreese B, Higgins PG, Zheng F.** 2017. Mechanistic insight into how multidrug resistant *Acinetobacter baumannii* response regulator AdeR recognizes an intercistronic region. *Nucleic acids research* **45**:9773-9787.
375. **Wilharm G, Skiebe E, Higgins PG, Poppel MT, Blaschke U, Leser S, Heider C, Heindorf M, Brauner P, Jackel U, Bohland K, Cuny C, Lopinska A, Kaminski P, Kasprzak M, Bochenski M, Ciebiera O, Tobolka M, Zolnierowicz KM, Siekiera J, Seifert H, Gagne S, Salcedo SP, Kaatz M, Layer F, Bender JK, Fuchs S, Semmler T, Pfeifer Y, Jerzak L.** 2017. Relatedness of wildlife and livestock avian isolates of the nosocomial pathogen *Acinetobacter baumannii* to lineages spread in hospitals worldwide. *Environmental microbiology.*
376. **Wranke A, Pinheiro Borzacov LM, Parana R, Lobato C, Hamid S, Ceausu E, Dalekos GN, Rizzetto M, Turcanu A, Niro GA, Lubna F, Abbas M, Ingiliz P, Buti M, Ferenci P, Vanwollegghem T, Hayden T, Dashdorj N, Motoc A, Cornberg M, Abbas Z, Yurdaydin C, Manns MP, Wedemeyer H, Hardtke S.** 2017. Clinical and virological heterogeneity of hepatitis delta in different regions world-wide: The Hepatitis Delta International Network (HDIN). *Liver international : official journal of the International Association for the Study of the Liver.*
377. **Xiang K, Kusov Y, Ying G, Yan W, Shan Y, Jinyuan W, Na Y, Yan Z, Hongjun L, Maosheng S.** 2017. A Recombinant HAV Expressing a Neutralization Epitope of HEV Induces Immune Response against HAV and HEV in Mice. *Viruses* **9**.

October

378. **Aarnoutse RE, Kibiki GS, Reither K, Semvua HH, Haraka F, Mtabho CM, Mpagama SG, van den Boogaard J, Sumari-de Boer IM, Magis-Escurra C, Wattenberg M, Logger JGM, Te Brake LHM, Hoelscher M, Gillespie SH, Colbers A, Phillips PPJ, Plemper van Balen G, Boeree MJ.** 2017. Pharmacokinetics, Tolerability, and Bacteriological Response of Rifampin Administered at 600, 900, and 1,200 Milligrams Daily in Patients with Pulmonary Tuberculosis. *Antimicrobial agents and chemotherapy* **61**.
379. **Agnandji ST, Fernandes JF, Bache EB, Obiang Mba RM, Brosnahan JS, Kabwende L, Pitzinger P, Staarink P, Massinga-Loembe M, Kraehling V, Biedenkopf N, Fehling SK, Strecker T, Clark DJ, Staines HM, Hooper JW, Silvera P, Moorthy V, Kiemy MP, Adegnika AA, Grobusch MP, Becker S, Ramharther M, Mordmuller B, Lell B, Krishna S, Kremsner PG.** 2017. Safety and immunogenicity of rVSVDeltaG-ZEBOV-GP Ebola vaccine in adults and children in Lambarene, Gabon: A phase I randomised trial. *PLoS medicine* **14**:e1002402.
380. **Antunes DA, Rigo MM, Freitas MV, Mendes MFA, Sinigaglia M, Lizee G, Kaviraki LE, Selin LK, Cornberg M, Vieira GF.** 2017. Interpreting T-Cell Cross-reactivity through Structure: Implications for TCR-Based Cancer Immunotherapy. *Frontiers in immunology* **8**:1210.
381. **Chesov D, Ciobanu N, Lange C, Schon T, Heyckendorf J, Crudu V.** 2017. Lack of evidence of isoniazid efficacy for the treatment of MDR/XDR-TB in the presence of the katG 315T mutation. *The European respiratory journal* **50**.

382. **Chitimia-Dobler L, Dobler G, Schaper S, Kupper T, Kattner S, Wolfel S.** 2017. First detection of *Rickettsia conorii* ssp. *caspia* in *Rhipicephalus sanguineus* in Zambia. *Parasitology research* **116**:3249-3251.
383. **Cossarizza A, Chang HD, Radbruch A, Akdis M, Andra I, Annunziato F, Bacher P, Barnaba V, Battistini L, Bauer WM, Baumgart S, Becher B, Beisker W, Berek C, Blanco A, Borsellino G, Boulais PE, Brinkman RR, Buscher M, Busch DH, Bushnell TP, Cao X, Cavani A, Chattopadhyay PK, Cheng Q, Chow S, Clerici M, Cooke A, Cosma A, Cosmi L, Cumano A, Dang VD, Davies D, De Biasi S, Del Zotto G, Della Bella S, Dellabona P, Deniz G, Dessing M, Diefenbach A, Di Santo J, Dieli F, Dolf A, Donnenberg VS, Dorner T, Ehrhardt GRA, Endl E, Engel P, Engelhardt B, Esser C, Everts B, Dreher A, Falk CS, Fehniger TA, Filby A, Fillatreau S, Follo M, Forster I, Foster J, Foulds GA, Frenette PS, Galbraith D, Garbi N, Garcia-Godoy MD, Geginat J, Ghoreschi K, Gibellini L, Goettlinger C, Goodyear CS, Gori A, Grogan J, Gross M, Grutzkau A, Grummitt D, Hahn J, Hammer Q, Hauser AE, Haviland DL, Hedley D, Herrera G, Herrmann M, Hiepe F, Holland T, Hombrink P, Houston JP, Hoyer BF, Huang B, Hunter CA, Iannone A, Jack HM, Javega B, Jonjic S, Juelke K, Jung S, Kaiser T, Kalina T, Keller B, Khan S, Kienhofer D, Kroneis T, Kunkel D, Kurts C, Kvistborg P, Lannigan J, Lantz O, Larbi A, LeibundGut-Landmann S, Leipold MD, Levings MK, Litwin V, Liu Y, Lohoff M, Lombardi G, Lopez L, Lovett-Racke A, Lubberts E, Ludewig B, Lugli E, Maecker HT, Martrus G, Matarese G, Maueroeder C, McGrath M, McInnes I, Mei HE, Melchers F, Melzer S, Mielenz D, Mills K, Mirrer D, Mjosberg J, Moore J, Moran B, Moretta A, Moretta L, Mosmann TR, Muller S, Muller W, Munz C, Multhoff G, Munoz LE, Murphy KM, Nakayama T, Nasi M, Neudorfl C, Nolan J, Nourshargh S, O'Connor JE, Ouyang W, Oxenius A, Palankar R, Panse I, Peterson P, Peth C, Petriz J, Philips D, Pickl W, Piconese S, Pinti M, Pockley AG, Podolska MJ, Pucillo C, Quataert SA, Radstake T, Rajwa B, Rebhahn JA, Recktenwald D, Remmerswaal EBM, Rezvani K, Rico LG, Robinson JP, Romagnani C, Rubartelli A, Ruckert B, Ruland J, Sakaguchi S, Sala-de-Oyanguren F, Samstag Y, Sanderson S, Sawitzki B, Scheffold A, Schiemann M, Schildberg F, Schimisky E, Schmid SA, Schmitt S, Schober K, Schuler T, Schulz AR, Schumacher T, Scotta C, Shankey TV, Shemer A, Simon AK, Spidlen J, Stall AM, Stark R, Stehle C, Stein M, Steinmetz T, Stockinger H, Takahama Y, Tarnok A, Tian Z, Toldi G, Tornack J, Traggiai E, Trotter J, Ulrich H, van der Braber M, van Lier RAW, Veldhoen M, Vento-Asturias S, Vieira P, Voehringer D, Volk HD, von Volkman K, Waisman A, Walker R, Ward MD, Warnatz K, Warth S, Watson JV, Watzl C, Wegener L, Wiedemann A, Wienands J, Willimsky G, Wing J, Wurst P, Yu L, Yue A, Zhang Q, Zhao Y, Ziegler S, Zimmermann J.** 2017. Guidelines for the use of flow cytometry and cell sorting in immunological studies. *European journal of immunology* **47**:1584-1797.
384. **Cozzi-Lepri A, Zangerle R, Machala L, Zilmer K, Ristola M, Pradier C, Kirk O, Sambatakou H, Fatkenheuer G, Yust I, Schmid P, Gottfredsson M, Khromova I, Jilich D, Flisiak R, Smidt J, Rozentale B, Radoi R, Losso MH, Lundgren JD, Mocroft A.** 2017. Incidence of cancer and overall risk of mortality in individuals treated with raltegravir-based and non-raltegravir-based combination antiretroviral therapy regimens. *HIV medicine*.
385. **Crudu V, Chesov D, Ciobanu N, Lange C, Heyckendorf J.** 2017. High-dose isoniazid in the shorter-course multidrug-resistant tuberculosis regimen in the Republic of Moldova. *The European respiratory journal* **50**.
386. **Dallenga T, Linnemann L, Paudyal B, Repnik U, Griffiths G, Schaible UE.** 2017. Targeting neutrophils for host-directed therapy to treat tuberculosis. *International journal of medical microbiology : IJMM*.
387. **Doerflinger SY, Cortese M, Romero-Brey I, Menne Z, Tubiana T, Schenk C, White PA, Bartenschlager R, Bressanelli S, Hansman GS, Lohmann V.** 2017. Membrane alterations induced by nonstructural proteins of human norovirus. *PLoS pathogens* **13**:e1006705.
388. **Fatkenheuer G, Suarez I, Platten M, Fabri M, Lehmann C.** 2017. Treatment of Early Syphilis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* **65**:1767.
389. **Garzetti D, Brugiroux S, Bunk B, Pukall R, McCoy KD, Macpherson AJ, Stecher B.** 2017. High-Quality Whole-Genome Sequences of the Oligo-Mouse-Microbiota Bacterial Community. *Genome announcements* **5**.
390. **Grote U, Schleenvoigt BT, Happle C, Dopfer C, Wetzke M, Ahrenstorf G, Holst H, Pletz MW, Schmidt RE, Behrens GM, Jablonka A.** 2017. Norovirus outbreaks in German refugee camps in 2015. *Zeitschrift für Gastroenterologie* **55**:997-1003.
391. **Hogan B, Ammer L, Zimmermann M, Binger T, Krumkamp R, Sarpong N, Rettig T, Dekker D, Kreuels B, Reigl L, Boahen KG, Wiafe C, Adu-Sarkodie Y, Owusu-Dabo E, May J, Eibach D.** 2017. Burden of influenza among hospitalized febrile children in Ghana. *Influenza and other respiratory viruses*.

392. **Hos NJ, Ganesan R, Gutierrez S, Hos D, Klimek J, Abdullah Z, Krönke M, Robinson N.** 2017. Type I interferon enhances necroptosis of Salmonella Typhimurium-infected macrophages by impairing antioxidative stress responses. *The Journal of cell biology*.
393. **Hujer AM, Higgins PG, Rudin SD, Buser GL, Marshall SH, Xanthopoulou K, Seifert H, Rojas LJ, Domitrovic TN, Cassidy PM, Cunningham MC, Vega R, Furuno JP, Pfeiffer CD, Beldavs ZG, Wright MS, Jacobs MR, Adams MD, Bonomo RA.** 2017. Nosocomial Outbreak of Extensively Drug-Resistant Acinetobacter baumannii Isolates Containing blaOXA-237 Carried on a Plasmid. *Antimicrobial agents and chemotherapy* **61**.
394. **Huttel S, Testolin G, Herrmann J, Planke T, Gille F, Moreno M, Stadler M, Brönstrup M, Kirschning A, Müller R.** 2017. Discovery and Total Synthesis of Natural Cystobactamid Derivatives with Superior Activity against Gram-Negative Pathogens. *Angewandte Chemie (International ed. in English)* **56**:12760-12764.
395. **Ivanova T, Harges K, Kallis S, Dahms SO, Than ME, Kunzel S, Bottcher-Friebertshauer E, Lindberg I, Jiao GS, Bartenschlager R, Steinmetzer T.** 2017. Optimization of Substrate-Analogue Furin Inhibitors. *ChemMedChem*.
396. **Kasmapour B, Kubsch T, Rand U, Eiz-Vesper B, Messerle M, Vondran FWR, Wiegmann B, Haverich A, Cicin-Sain L.** 2017. Myeloid dendritic cells repress human cytomegalovirus gene expression and spread by releasing interferon-unrelated soluble antiviral factors. *Journal of virological methods*.
397. **Kjaerulff L, Sikandar A, Zaburanyi N, Adam S, Herrmann J, Koehnke J, Müller R.** 2017. Thioholgamides: Thioamide-Containing Cytotoxic RiPP Natural Products. *ACS chemical biology* **12**:2837-2841.
398. **Klingen TR, Reimering S, Guzman CA, McHardy AC.** 2017. In Silico Vaccine Strain Prediction for Human Influenza Viruses. *Trends in microbiology*.
399. **Koelblen T, Berge C, Cherrier MV, Brillet K, Jimenez-Soto L, Ballut L, Takagi J, Montserret R, Rousselle P, Fischer W, Haas R, Fronzes R, Terradot L.** 2017. Molecular dissection of protein-protein interactions between integrin alpha5beta1 and the Helicobacter pylori Cag type IV secretion system. *The FEBS journal*.
400. **Krismer B, Weidenmaier C, Zipperer A, Peschel A.** 2017. The commensal lifestyle of Staphylococcus aureus and its interactions with the nasal microbiota. *Nature reviews. Microbiology* **15**:675-687.
401. **Lalremruata A, Jeyaraj S, Engleitner T, Joanny F, Lang A, Belard S, Mombo-Ngoma G, Ramharter M, Kreamsner PG, Mordmuller B, Held J.** 2017. Species and genotype diversity of Plasmodium in malaria patients from Gabon analysed by next generation sequencing. *Malaria journal* **16**:398.
402. **Li Y, Xia Y, Han M, Chen G, Zhang D, Thasler WE, Protzer U, Ning Q.** 2017. IFN-alpha-mediated Base Excision Repair Pathway Correlates with Antiviral Response Against Hepatitis B Virus Infection. *Scientific reports* **7**:12715.
403. **Linares-Otoya L, Linares-Otoya V, Armas-Mantilla L, Blanco-Olano C, Crüsemann M, Ganoza-Yupanqui ML, Campos-Florian J, König GM, Schäberle TF.** 2017. Diversity and Antimicrobial Potential of Predatory Bacteria from the Peruvian Coastline. *Marine drugs* **15**.
404. **Lutz P, Nattermann J.** 2017. Misery acquaints a man with dangerous bedfellows: But how to get rid of them? *Liver international : official journal of the International Association for the Study of the Liver* **37**:1446-1448.
405. **Mariggio G, Koch S, Schulz TF.** 2017. Kaposi sarcoma herpesvirus pathogenesis. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences* **372**.
406. **Mekonnen SA, Beissner M, Saar M, Ali S, Zeynudin A, Tesfaye K, Adbaru MG, Battke F, Poppert S, Hoelscher M, Loscher T, Bretzel G, Herbingen KH.** 2017. O-5S quantitative real-time PCR: a new diagnostic tool for laboratory confirmation of human onchocerciasis. *Parasites & vectors* **10**:451.
407. **Meletiadis J, Turlej-Rogacka A, Lerner A, Adler A, Taconelli E, Mouton JW.** 2017. Amplification of Antimicrobial Resistance in Gut Flora of Patients Treated with Ceftriaxone. *Antimicrobial agents and chemotherapy* **61**.
408. **Muth D, Meyer B, Niemeyer D, Schroeder S, Osterrieder N, Muller MA, Drosten C.** 2017. Transgene expression in the genome of Middle East respiratory syndrome coronavirus based on a novel reverse genetics system utilizing Red-mediated recombination cloning. *The Journal of general virology*.
409. **Nakatani Y, Opel-Reading HK, Merker M, Machado D, Andres S, Kumar SS, Moradigaravand D, Coll F, Perdigo J, Portugal I, Schon T, Nair D, Devi KRU, Kohl TA, Beckert P, Clark TG, Maphalala G, Khumalo D, Diel R, Klaos K, Aung HL, Cook GM, Parkhill J, Peacock SJ, Swaminathan S, Viveiros M, Niemann S, Krause KL, Köser CU.** 2017. Role of alanine racemase mutations in Mycobacterium tuberculosis D-cycloserine resistance. *Antimicrobial agents and chemotherapy*.

410. **Palacios-Baena ZR, Gutierrez-Gutierrez B, Calbo E, Almirante B, Viale P, Oliver A, Pintado V, Gasch O, Martinez-Martinez L, Pitout J, Akova M, Pena C, Molina Gil-Bermejo J, Hernandez A, Venditti M, Prim N, Bou G, Tacconelli E, Tumbarello M, Hamprecht A, Giamarellou H, Almela M, Perez F, Schwaber MJ, Bermejo J, Lowman W, Hsueh PR, Pano-Pardo JR, Torre-Cisneros J, Souli M, Bonomo RA, Carmeli Y, Paterson DL, Pascual A, Rodriguez-Bano J, Group. SNfRiIDRESGoBIaSEI.** 2017. Empiric Therapy With Carbapenem-Sparing Regimens for Bloodstream Infections due to Extended-Spectrum beta-Lactamase-Producing Enterobacteriaceae: Results From the INCREMENT Cohort. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* **65**:1615-1623.
411. **Peacock SJ, Swaminathan S, Viveiros M, Niemann S, Krause KL, Koser CU, Nell S, Estibariz I, Krebs J, Bunk B, Graham DY, Overmann J, Song Y, Sproer C, Yang I, Wex T, Korlach J, Malfertheiner P, Suerbaum S.** 2017. Genome and Methylome Variation in *Helicobacter pylori* With a *cag* Pathogenicity Island During Early Stages of Human Infection. *Gastroenterology*.
412. **Riitho V, Walters AA, Somavarapu S, Lamp B, Rumenapf T, Krey T, Rey FA, Oviedo-Orta E, Stewart GR, Locker N, Steinbach F, Graham S.** 2017. Design and evaluation of the immunogenicity and efficacy of a biomimetic particulate formulation of viral antigens. *Scientific reports* **7**:13743.
413. **Ringehan M, McKeating JA, Protzer U.** 2017. Viral hepatitis and liver cancer. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences* **372**.
414. **Schwarz PN, Buchmann A, Roller L, Kulik A, Gross H, Wohlleben W, Stegmann E.** 2017. The Immunosuppressant Brasilicardin: Determination of the Biosynthetic Gene Cluster in the Heterologous Host *Amycolatopsis japonicum*. *Biotechnol J*.
415. **Sczyrba A, Hofmann P, Belmann P, Koslicki D, Janssen S, Droge J, Gregor I, Majda S, Fiedler J, Dahms E, Bremges A, Fritz A, Garrido-Oter R, Jorgensen TS, Shapiro N, Blood PD, Gurevich A, Bai Y, Turaev D, DeMaere MZ, Chikhi R, Nagarajan N, Quince C, Meyer F, Balvociute M, Hansen LH, Sorensen SJ, Chia BKH, Denis B, Froula JL, Wang Z, Egan R, Don Kang D, Cook JJ, Deltel C, Beckstette M, Lemaitre C, Peterlongo P, Rizk G, Lavenier D, Wu YW, Singer SW, Jain C, Strous M, Klingenberg H, Meinicke P, Barton MD, Lingner T, Lin HH, Liao YC, Silva GGZ, Cuevas DA, Edwards RA, Saha S, Piro VC, Renard BY, Pop M, Klenk HP, Goker M, Kyrpides NC, Woyke T, Vorholt JA, Schulze-Lefert P, Rubin EM, Darling AE, Rattei T, McHardy AC.** 2017. Critical Assessment of Metagenome Interpretation—a benchmark of metagenomics software. *Nature methods* **14**:1063-1071.
416. **Sommerer C, Brocke J, Bruckner T, Schaier M, Morath C, Meuer S, Zeier M, Giese T.** 2017. Improved pulse wave velocity and renal function in individualized calcineurin-inhibitor treatment by immunomonitoring: the randomized controlled Calcineurin Inhibitor-Sparing (CIS) Trial. *Transplantation*.
417. **Sucipto H, Pogorevc D, Luxenburger E, Wenzel SC, Muller R.** 2017. Heterologous production of myxobacterial alpha-pyrone antibiotics in *Myxococcus xanthus*. *Metabolic engineering* **44**:160-170.
418. **Tacconelli E, Sifakis F, Harbarth S, Schrijver R, van Mourik M, Voss A, Sharland M, Rajendran NB, Rodriguez-Bano J, Group E-NC-M.** 2017. Surveillance for control of antimicrobial resistance. *The Lancet. Infectious diseases*.
419. **Teponno RB, Noumeur SR, Helaly SE, Huttel S, Harzallah D, Stadler M.** 2017. Furanones and Anthranilic Acid Derivatives from the Endophytic Fungus *Dendrothyrium variisporum*. *Molecules (Basel, Switzerland)* **22**.
420. **von Tesmar A, Hoffmann M, Pippel J, Fayad AA, Dausend-Werner S, Bauer A, Blankenfeldt W, Muller R.** 2017. Total Biosynthesis of the Pyrrolo[4,2]benzodiazepine Scaffold Tomaymycin on an In Vitro Reconstituted NRPS System. *Cell chemical biology* **24**:1216-1227.e1218.
421. **Wagner S, Mathis A, Schonenberger AC, Becker S, Schmidt-Chanasit J, Silaghi C, Veronesi E.** 2017. Vector competence of field populations of the mosquito species *Aedes japonicus japonicus* and *Culex pipiens* from Switzerland for two West Nile virus strains. *Medical and veterinary entomology*.
422. **Weinmann J, Grimm D.** 2017. Next-generation AAV vectors for clinical use: an ever-accelerating race. *Virus genes* **53**:707-713.
423. **Wustner S, Anderl F, Wanisch A, Sachs C, Steiger K, Nerlich A, Vieth M, Mejias-Luque R, Gerhard M.** 2017. *Helicobacter pylori* gamma-glutamyl transferase contributes to colonization and differential recruitment of T cells during persistence. *Scientific reports* **7**:13636.
424. **Zautner AE, Bunk B, Pfeifer Y, Sproer C, Reichard U, Eiffert H, Scheithauer S, Gross U, Overmann J, Bohne W.** 2017. Monitoring microevolution of OXA-48-producing *Klebsiella pneumoniae* ST147 in a hospital setting by SMRT sequencing. *The Journal of antimicrobial chemotherapy* **72**:2737-2744.
425. **Zoch B, Gunther A, Karch A, Mikolajczyk R.** 2017. Effect of Disease Definition on Perceived Burden of Acute Respiratory Infections in Children: A Prospective Cohort Study Based on Symptom Diaries. *The Pediatric infectious disease journal* **36**:956-961.

November

426. **Andres M, Gohring-Zwacka E, Fiebig L, Priwitzer M, Richter E, Rusch-Gerdes S, Haas W, Niemann S, Brodhun B.** 2017. Integration of molecular typing results into tuberculosis surveillance in Germany-A pilot study. *PLoS one* **12**:e0188356.
427. **Aurass P, Duvel J, Karste S, Nubel U, Rabsch W, Flieger A.** 2017. *glnA* truncation in *Salmonella enterica* results in a small colony variant phenotype, attenuated host cell entry, and reduced expression of flagellin and SPI-1 associated effector genes. *Applied and environmental microbiology*.
428. **Blank A, Meier K, Urban S, Haefeli WE, Weiss J.** 2017. Drug-drug interaction potential of the hepatitis B and hepatitis D virus entry inhibitor myrcludex B assessed in vitro. *Antiviral therapy*.
429. **Boretzki J, Wolf E, Wiese C, Noe S, Balogh A, Meurer A, Krznicar I, Zink A, Lersch C, Spinner CD.** 2017. Highly specific reasons for nonadherence to antiretroviral therapy: results from the German adherence study. *Patient preference and adherence* **11**:1897-1906.
430. **Bothamley GH, Lange C.** 2017. Infection control, genetic assessment of drug resistance and drug susceptibility testing in the current management of multidrug/extensively-resistant tuberculosis (M/XDR-TB) in Europe: A tuberculosis network European Trialsgroup (TBNET) study. *Respiratory medicine* **132**:68-75.
431. **Brugger K, Walter M, Chitimia-Dobler L, Dobler G, Rubel F.** 2017. Seasonal cycles of the TBE and Lyme borreliosis vector *Ixodes ricinus* modelled with time-lagged and interval-averaged predictors. *Experimental & applied acarology* **73**:439-450.
432. **Cano-Muniz S, Anthony R, Niemann S, Alffenaar JC.** 2018. New Approaches and Therapeutic Options for *Mycobacterium tuberculosis* in a Dormant State. *Clinical microbiology reviews* **31**.
433. **Chatre L, Fernandes J, Michel V, Fiette L, Ave P, Arena G, Jain U, Haas R, Wang TC, Ricchetti M, Touati E.** 2017. *Helicobacter pylori* targets mitochondrial import and components of mitochondrial DNA replication machinery through an alternative *VacA*-dependent and a *VacA*-independent mechanisms. *Scientific reports* **7**:15901.
434. **Dedicoat MJ, Gunther G, Crudu V, Duarte R, Gualano G, Magis-Escorra C, Rumetshofer R, Skrahina A, Spinu V, Tiberi S.** 2017. Tuberculosis Treatment Outcomes in Europe: Based on Treatment Completion, Not Cure. *American journal of respiratory and critical care medicine* **196**:1222-1224.
435. **Dietert K, Gutbier B, Wienhold SM, Reppe K, Jiang X, Yao L, Chaput C, Naujoks J, Brack M, Kupke A, Peteranderl C, Becker C, Von Lachner C, Baal N, Slevogt H, Hocke AC, Witzernath M, Opitz B, Herold S, Hackstein H, Sander J, Suttorp N, Gruber AD.** 2017. Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. *PLoS one* **12**:e0188251.
436. **Dietz J, Susser S, Vermehren J, Peiffer KH, Grammatikos G, Berger A, Ferenci P, Buti M, Mullhaupt B, Hunyady B, Hinrichsen H, Mauss S, Petersen J, Buggisch P, Felten G, Huppe D, Knecht G, Lutz T, Schott E, Berg C, Spengler U, von Hahn T, Berg T, Zeuzem S, Sarrazin C, HCV E.** 2017. Patterns of Resistance-associated Substitutions in Patients With Chronic HCV Infection Following Treatment with Direct-acting Antivirals. *Gastroenterology*.
437. **Donkers JM, Zehnder B, Van Westen GJP, Kwakkenbos MJ, Ijzerman AP, Oude Elferink RPJ, Beuers U, Urban S, van de Graaf SFJ.** 2017. Reduced hepatitis B and D viral entry using clinically applied drugs as novel inhibitors of the bile acid transporter NTCP. *Scientific reports* **7**:15307.
438. **Farowski F, Bucker V, Vehreschild JJ, Biehl L, Cruz-Aguilar R, Scheid C, Holtick U, Jazmati N, Wisplinghoff H, Cornely OA.** 2017. Impact of choice, timing, sequence and combination of broad-spectrum antibiotics on the outcome of allogeneic haematopoietic stem cell transplantation. *Bone Marrow Transplant*.
439. **Fisch KM, Silva Pereira C, Genilloud O, Almeida C, Schaberle TF.** 2017. Draft Genome Sequence of *Burkholderia contaminans* 293K04B, an Endosymbiont of the Sponge-Derived Fungus *Stachylidium bicolor*. *Genome announcements* **5**.
440. **Fu C, Sikandar A, Donner J, Zaburanyi N, Herrmann J, Reck M, Wagner-Döbler I, Koehnke J, Müller R.** 2017. The natural product carolacton inhibits folate-dependent C1 metabolism by targeting Fold/MTHFD. *Nature communications* **8**:1529.
441. **Gaertner F, Ahmad Z, Rosenberger G, Fan S, Nicolai L, Busch B, Yavuz G, Luckner M, Ishikawa-Ankerhold H, Hennel R, Benechet A, Lorenz M, Chandraratne S, Schubert I, Helmer S, Striednig B, Stark K, Janko M, Bottcher RT, Verschoor A, Leon C, Gachet C, Gudermann T, Mederos YSM, Pincus Z, Iannacone M, Haas R, Wanner G, Lauber K, Sixt M, Massberg S.** 2017. Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. *Cell* **171**:1368-1382.e1323.
442. **Grimm D, Buning H.** 2017. Small But Increasingly Mighty: Latest Advances in AAV Vector Research, Design, and Evolution. *Human gene therapy* **28**:1075-1086.

443. **Harris PNA, Pezzani MD, Gutierrez-Gutierrez B, Viale P, Hsueh PR, Ruiz-Garbajosa P, Venditti M, Tumbarello M, Navarro-Francisco C, Calbo E, Akova M, Giamarellou H, Oliver A, Almirante B, Gasch O, Martinez-Martinez L, Schwaber MJ, Daikos G, Pitout J, Pena C, Hernandez-Torres A, Doi Y, Perez F, Tuon FF, Tacconelli E, Carmeli Y, Bonomo RA, Pascual A, Paterson DL, Rodriguez-Bano J.** 2017. Geographical variation in therapy for bloodstream infections due to multidrug-resistant Enterobacteriaceae: a post-hoc analysis of the INCREMENT study. *International journal of antimicrobial agents* **50**:664-672.
444. **Herzmann C, Ernst M, Lange C, Stenger S, Kaufmann SHE, Reiling N, Schaberg T, van der Merwe L, Maertzdorf J.** 2017. Pulmonary immune responses to Mycobacterium tuberculosis in exposed individuals. *PLoS one* **12**:e0187882.
445. **Heyckendorf J, Andres S, Koser CU, Olaru ID, Schön T, Sturegard E, Beckert P, Schleusener V, Kohl TA, Hillemann D, Moradigaravand D, Parkhill J, Peacock SJ, Niemann S, Lange C, Merker M.** 2017. What is resistance? Impact of phenotypic versus molecular drug resistance testing on multi- and extensively drug-resistant tuberculosis therapy. *Antimicrobial agents and chemotherapy*.
446. **Holzemer A, Garcia-Beltran WF, Altfeld M.** 2017. Natural Killer Cell Interactions with Classical and Non-Classical Human Leukocyte Antigen Class I in HIV-1 Infection. *Frontiers in immunology* **8**:1496.
447. **Hosel M, Quasdorff M, Ringelhan M, Kashkar H, Debey-Pascher S, Sprinzl MF, Bockmann JH, Arzberger S, Webb D, von Olshausen G, Weber A, Schultze JL, Buning H, Heikenwalder M, Protzer U.** 2017. Hepatitis B Virus Activates Signal Transducer and Activator of Transcription 3 Supporting Hepatocyte Survival and Virus Replication. *Cellular and molecular gastroenterology and hepatology* **4**:339-363.
448. **Irrgang A, Falgenhauer L, Fischer J, Ghosh H, Guiral E, Guerra B, Schmoger S, Imirzalioglu C, Chakraborty T, Hammerl JA, Kasbohrer A.** 2017. CTX-M-15-Producing E. coli Isolates from Food Products in Germany Are Mainly Associated with an IncF-Type Plasmid and Belong to Two Predominant Clonal E. coli Lineages. *Frontiers in microbiology* **8**:2318.
449. **Jadav SS, Sinha BN, Hilgenfeld R, Jayaprakash V.** 2017. Computer-Aided Structure Based Drug Design Approaches for the Discovery of New Anti-CHIKV Agents. *Curr Comput Aided Drug Des* **13**:346-361.
450. **Knobloch JK, Tofern S, Kunz W, Schutze S, Riecke M, Solbach W, Wuske T.** 2017. "Life-like" assessment of antimicrobial surfaces by a new touch transfer assay displays strong superiority of a copper alloy compared to silver containing surfaces. *PLoS one* **12**:e0187442.
451. **Kopfngel V, Wagenknecht S, Harder J, Hofmann K, Kleine M, Buch A, Sodeik B, Werfel T.** 2017. RNase 7 strongly promotes TLR9-mediated DNA sensing by human plasmacytoid dendritic cells. *The Journal of investigative dermatology*.
452. **Kunze C, Borner K, Kienle E, Orschmann T, Rusha E, Schneider M, Radivojkov-Blagojevic M, Drukker M, Desbordes S, Grimm D, Brack-Werner R.** 2018. Synthetic AAV/CRISPR vectors for blocking HIV-1 expression in persistently infected astrocytes. *Glia* **66**:413-427.
453. **Lei J, Kusov Y, Hilgenfeld R.** 2018. Nsp3 of coronaviruses: Structures and functions of a large multi-domain protein. *Antiviral research* **149**:58-74.
454. **Lukat P, Katsuyama Y, Wenzel S, Binz T, König C, Blankenfeldt W, Brönstrup M, Müller R.** 2017. Biosynthesis of methyl-proline containing griselimycins, natural products with anti-tuberculosis activity. *Chemical science* **8**:7521-7527.
455. **Magalhaes T, Braga C, Cordeiro MT, Oliveira ALS, Castanha PMS, Maciel APR, Amancio NML, Gouveia PN, Peixoto-da-Silva VJ, Jr., Peixoto TFL, Britto H, Lima PV, Lima ARS, Rosenberger KD, Jaenisch T, Marques ETA.** 2017. Zika virus displacement by a chikungunya outbreak in Recife, Brazil. *PLoS neglected tropical diseases* **11**:e0006055.
456. **Magiorakos AP, Burns K, Rodriguez Bano J, Borg M, Daikos G, Dumpis U, Lucet JC, Moro ML, Tacconelli E, Simonsen GS, Szilagyi E, Voss A, Weber JT.** 2017. Infection prevention and control measures and tools for the prevention of entry of carbapenem-resistant Enterobacteriaceae into healthcare settings: guidance from the European Centre for Disease Prevention and Control. *Antimicrobial resistance and infection control* **6**:113.
457. **Maus I, Bremges A, Stolze Y, Hahnke S, Cibis KG, Koeck DE, Kim YS, Kreubel J, Hassa J, Wibberg D, Weimann A, Off S, Stantscheff R, Zverlov VV, Schwarz WH, König H, Liebl W, Scherer P, McHardy AC, Sczyrba A, Klocke M, Puhler A, Schluter A.** 2017. Genomics and prevalence of bacterial and archaeal isolates from biogas-producing microbiomes. *Biotechnology for biofuels* **10**:264.
458. **Mellinghoff SC, Bassetti M, Dorfel D, Hagel S, Lehnert N, Plis A, Schalk E, Vena A, Cornely OA.** 2017. Isavuconazole shortens the QTc interval. *Mycoses*.

459. **Netto EM, Moreira-Soto A, Pedroso C, Hoser C, Funk S, Kucharski AJ, Rockstroh A, Kummerer BM, Sampaio GS, Luz E, Vaz SN, Dias JP, Bastos FA, Cabral R, Kistemann T, Ulbert S, de Lamballerie X, Jaenisch T, Brady OJ, Drosten C, Sarno M, Brites C, Drexler JF.** 2017. High Zika Virus Seroprevalence in Salvador, Northeastern Brazil Limits the Potential for Further Outbreaks. *mBio* **8**.
460. **Njouendou AJ, Ritter M, Ndongmo WPC, Kien CA, Narcisse GTV, Fombad FF, Tayong DB, Pfarr K, Layland LE, Hoerauf A, Wanji S.** 2017. Successful long-term maintenance of *Mansonella perstans* in an in vitro culture system. *Parasites & vectors* **10**:563.
461. **Nowag A, Platten M, Plum G, Hartmann P.** 2017. [Nontuberculous mycobacterial infections]. *Zeitschrift für Rheumatologie* **76**:752-760.
462. **Peter S, Oberhettinger P, Schuele L, Dinkelacker A, Vogel W, Dorfel D, Bezdán D, Ossowski S, Marschal M, Liese J, Willmann M.** 2017. Genomic characterisation of clinical and environmental *Pseudomonas putida* group strains and determination of their role in the transfer of antimicrobial resistance genes to *Pseudomonas aeruginosa*. *BMC genomics* **18**:859.
463. **Pulcini C, Morel CM, Tacconelli E, Beovic B, de With K, Goossens H, Harbarth S, Holmes A, Howard P, Morris AM, Nathwani D, Sharland M, Schouten J, Thursky K, Laxminarayan R, Mendelson M.** 2017. Human resources estimates and funding for antibiotic stewardship teams are urgently needed. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases* **23**:785-787.
464. **Rockstroh A, Moges B, Barzon L, Sinigaglia A, Palu G, Kumbukgolla W, Schmidt-Chanasit J, Sarno M, Brites C, Moreira-Soto A, Drexler JF, Ferreira OC, Ulbert S.** 2017. Specific detection of dengue and Zika virus antibodies using envelope proteins with mutations in the conserved fusion loop. *Emerging microbes & infections* **6**:e99.
465. **Rockstroh JK.** 2017. Is HCV elimination in well-defined patient groups possible? *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*.
466. **Salzer HJF, Lange C, Honigl M.** 2017. [Aspergillus in airway material : Ignore or treat?]. *Der Internist* **58**:1150-1162.
467. **Schieck E, Poole EJ, Rippert A, Peshu J, Sasi P, Borrmann S, Bull PC.** 2017. Plasmodium falciparum variant erythrocyte surface antigens: a pilot study of antibody acquisition in recurrent natural infections. *Malaria journal* **16**:450.
468. **Schmidt-Hieber M, Bierwirth J, Buchheidt D, Cornely OA, Hentrich M, Maschmeyer G, Schalk E, Vehreschild JJ, Vehreschild M.** 2017. Diagnosis and management of gastrointestinal complications in adult cancer patients: 2017 updated evidence-based guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO). *Annals of hematology*.
469. **Schoneweis K, Motter N, Roppert PL, Lu M, Wang B, Roehl I, Glebe D, Yang D, Morrey JD, Roggendorf M, Vaillant A.** 2017. Activity of nucleic acid polymers in rodent models of HBV infection. *Antiviral research* **149**:26-33.
470. **Simanavicius M, Tamosiunas PL, Petraityte-Burneikiene R, Johne R, Ulrich RG, Zvirbliene A, Kucinskaite-Kodze I.** 2017. Generation in yeast and antigenic characterization of hepatitis E virus capsid protein virus-like particles. *Applied microbiology and biotechnology*.
471. **Slijepcevic D, Roscam Abbing RLP, Katafuchi T, Blank A, donkers JM, Van Hoppe S, de Waart DR, Tolenaars D, Van der Meer JHM, Wildenberg M, Beuers U, Oude Elferink RPJ, Schinkel AH, Van de Graaf SFJ.** 2017. Hepatic uptake of conjugated bile acids is mediated by both sodium taurocholate cotransporting polypeptide and organic anion transporting polypeptides and modulated by intestinal sensing of plasma bile acid levels in mice. *Hepatology (Baltimore, Md.)* **66**:1631-1643.
472. **Spahr C, Ryll R, Knauf-Witzens T, Vahlenkamp TW, Ulrich RG, Johne R.** 2017. Serological evidence of hepatitis E virus infection in zoo animals and identification of a rodent-borne strain in a Syrian brown bear. *Veterinary microbiology* **212**:87-92.
473. **Springer J, White PL, Kessel J, Wieters I, Teschner D, Korczynski D, Liebrechts T, Cornely OA, Schwartz S, Elgeti T, Meintker L, Krause SW, Posso RB, Heinz WJ, Fuhrmann S, Vehreschild JJ, Einsele H, Rickerts V, Loeffler J.** 2017. A Comparison of Aspergillus and Mucorales PCR Testing of Different BAL Fractions from Patients with Suspected Invasive Pulmonary Fungal Disease. *Journal of clinical microbiology*.
474. **Strauss L, Stegger M.** 2017. Origin, evolution, and global transmission of community-acquired *Staphylococcus aureus* ST8. *Proceedings of the National Academy of Sciences of the United States of America* **114**:E10596-e10604.
475. **Subramanian N, Wu Z, Reister F, Sampaio KL, Frascaroli G, Cicin-Sain L, Mertens T.** 2017. Naive T cells are activated by autologous HCMV-infected endothelial cells through NKG2D and can control HCMV transmission in vitro. *The Journal of general virology*.

476. **Tabatabai J, Thielen A, Lehnert N, Daeumer M, Schnitzler P.** 2018. Respiratory syncytial virus A in haematological patients with prolonged shedding: Premature stop codons and deletion of the genotype ON1 72-nucleotide-duplication in the attachment G gene. *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology* **98**:10-17.
477. **Tsai WY, Youn HH, Brites C, Tsai JJ, Tyson J, Pedroso C, Drexler JF, Stone M, Simmons G, Busch MP, Lanteri M, Stramer SL, Balmaseda A, Harris E, Wang WK.** 2017. Distinguishing Secondary Dengue Virus Infection From Zika Virus Infection With Previous Dengue by a Combination of 3 Simple Serological Tests. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* **65**:1829-1836.
478. **Wagner S, Hauck D, Hoffmann M, Sommer R, Joachim I, Müller R, Imberty A, Varrot A, Titz A.** 2017. Covalent Lectin Inhibition and Application in Bacterial Biofilm Imaging. *Angewandte Chemie (International ed. in English)* **56**:16559-16564.
479. **Wang H, Han M, Qi J, Hilgenfeld R, Luo T, Shi Y, Gao GF, Song H.** 2017. Crystal structure of the C-terminal fragment of NS1 protein from yellow fever virus. *Sci China Life Sci.*
480. **Wartewig T, Kurgys Z, Keppler S, Pechloff K, Hameister E, Ollinger R, Maresch R, Buch T, Steiger K, Winter C, Rad R, Ruland J.** 2017. PD-1 is a haploinsufficient suppressor of T cell lymphomagenesis. *Nature* **552**:121-125.
481. **Zhou J, Li C, Zhao G, Chu H, Wang D, Yan HH, Poon VK, Wen L, Wong BH, Zhao X, Chiu MC, Yang D, Wang Y, Au-Yeung RKH, Chan IH, Sun S, Chan JF, To KK, Memish ZA, Corman VM, Drosten C, Hung IF, Zhou Y, Leung SY, Yuen KY.** 2017. Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. *Science advances* **3**:eaao4966.

December

482. **Beshr G, Sikandar A, Jemiller EM, Klymiuk N, Hauck D, Wagner S, Wolf E, Koehnke J, Titz A.** 2017. Photorhabdus luminescens lectin A (PLIA): A new probe for detecting alpha-galactoside-terminating glycoconjugates. *The Journal of biological chemistry* **292**:19935-19951.
483. **Buch A, Muller O, Ivanova L, Dohner K, Bialy D, Bosse JB, Pohlmann A, Binz A, Hegemann M, Nagel CH, Koltzenburg M, Viejo-Borbolla A, Rosenhahn B, Bauerfeind R, Sodeik B.** 2017. Inner tegument proteins of Herpes Simplex Virus are sufficient for intracellular capsid motility in neurons but not for axonal targeting. *PLoS pathogens* **13**:e1006813.
484. **Burwitz BJ, Wettengel JM, Muck-Hausl MA, Ringelhan M, Ko C, Festag MM, Hammond KB, Northrup M, Bimber BN, Jacob T, Reed JS, Norris R, Park B, Moller-Tank S, Esser K, Greene JM, Wu HL, Abdulhaqq S, Webb G, Sutton WF, Klug A, Swanson T, Legasse AW, Vu TQ, Asokan A, Haigwood NL, Protzer U, Sacha JB.** 2017. Hepatocytic expression of human sodium-taurocholate cotransporting polypeptide enables hepatitis B virus infection of macaques. *Nature communications* **8**:2146.
485. **Chaib De Mares M, Sipkema D, Huang S, Bunk B, Overmann J, van Elsas JD.** 2017. Host Specificity for Bacterial, Archaeal and Fungal Communities Determined for High- and Low-Microbial Abundance Sponge Species in Two Genera. *Frontiers in microbiology* **8**:2560.
486. **Cicin-Sain L, Arens R.** 2017. Exhaustion and Inflation at Antipodes of T Cell Responses to Chronic Virus Infection. *Trends in microbiology.*
487. **Feige K, Hartmann P, Lutz JT.** 2018. [Fulminant sepsis after Capnocytophaga canimorsus infection]. *Der Anaesthetist* **67**:34-37.
488. **Fisch KM, Hertzler C, Bohringer N, Wuisan ZG, Schillo D, Bara R, Kaligis F, Wagele H, König GM, Schaberle TF.** 2017. The Potential of Indonesian Heterobranchs Found around Bunaken Island for the Production of Bioactive Compounds. *Marine drugs* **15**.
489. **Giersch K, Bhadra OD, Volz T, Allweiss L, Riecken K, Fehse B, Lohse AW, Petersen J, Sureau C, Urban S, Dandri M, Lutgehetmann M.** 2017. Hepatitis delta virus persists during liver regeneration and is amplified through cell division both in vitro and in vivo. *Gut.*
490. **Griessmeier V, Bremges A, McHardy AC, Gescher J.** 2017. Investigation of different nitrogen reduction routes and their key microbial players in wood chip-driven denitrification beds. *Scientific reports* **7**:17028.
491. **Hagedorn C, Schnodt-Fuchs M, Boehme P, Abdelrazik H, Lipps HJ, Buning H.** 2017. S/MAR Element Facilitates Episomal Long-Term Persistence of Adeno-Associated Virus Vector Genomes in Proliferating Cells. *Scientific reports* **28**:1169-1179.
492. **Holze C, Michaudel C, Mackowiak C, Haas DA, Benda C, Hubel P, Pennemann FL, Schnepf D, Wettmarshausen J, Braun M, Leung DW, Amarasinghe GK, Perocchi F, Staeheli P, Ryffel B, Pichlmair A.** 2018. Oxeiptosis, a ROS-induced caspase-independent apoptosis-like cell-death pathway. *Nature immunology* **19**:130-140.

493. **Ihling CM, Tabatabai J, Schnitzler P, Schneider KS, Gross CJ, Dreier RF, Saller BS, Mishra R, Gorka O, Heilig R, Meunier E, Dick MS, Cikovic T, Sodenkamp J, Medard G, Naumann R, Ruland J, Kuster B, Broz P, Gross O.** 2017. The Inflammasome Drives GSDMD-Independent Secondary Pyroptosis and IL-1 Release in the Absence of Caspase-1 Protease Activity. *BMC infectious diseases* **21**:3846-3859.
494. **Kissenkotter J, Hansen S, Bohlken-Fascher S, Ademowo OG, Oyinloye OE, Bakarey AS, Dobler G, Tappe D, Patel P, Czerny CP, Abd El Wahed A.** 2017. Development of a pan-rickettsial molecular diagnostic test based on recombinase polymerase amplification assay. *Journal of virology* **544**:29-33.
495. **Knops E, Heger E, Koenig C, Moebius U, Lubke N, Kaiser R, Di Cristanziano V, Husgen L, Kocycigit C, Rupp J, Sierra S.** 2017. Accurate hepatitis C virus genotyping and selection of optimal therapy: lessons from a St Petersburg strain infection. *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases.*
496. **Kruse T, Biedenkopf N, Hertz EPT, Dietzel E, Stalman G, Lopez-Mendez B, Davey NE, Nilsson J, Becker S.** 2018. The Ebola Virus Nucleoprotein Recruits the Host PP2A-B56 Phosphatase to Activate Transcriptional Support Activity of VP30. *Molecular cell* **69**:136-145.e136.
497. **Landwehr W, Kampf P, Glaeser SP, Ruckert C, Kalinowski J, Blom J, Goesmann A, Mack M, Schumann P, Atasayar E, Hahnke RL, Rohde M, Martin K, Stadler M, Wink J.** 2018. Taxonomic analyses of members of the *Streptomyces cinnabarinus* cluster, description of *Streptomyces cinnabarigriseus* sp. nov. and *Streptomyces davaonensis* sp. nov. *International journal of systematic and evolutionary microbiology* **68**:382-393.
498. **Leipoldt F, Santos-Aberturas J, Stegmann DP, Wolf F, Kulik A, Lacret R, Popadic D, Keinhorster D, Kirchner N, Bekiesch P, Gross H, Truman AW, Kaysser L.** 2017. Warhead biosynthesis and the origin of structural diversity in hydroxamate metalloproteinase inhibitors. *Nature communications* **8**:1965.
499. **Lell B, Mordmuller B, Dejon Agobe JC, Honkpehedji J, Zinsou J, Mengue JB, Loembe MM, Adegnika AA, Held J, Lalremruata A, Nguyen TT, Esen M, Kc N, Ruben AJ, Chakravarty S, Lee Sim BK, Billingsley PF, James ER, Richie TL, Hoffman SL, Kreamsner PG.** 2018. Impact of Sickle Cell Trait and Naturally Acquired Immunity on Uncomplicated Malaria after Controlled Human Malaria Infection in Adults in Gabon. *The American journal of tropical medicine and hygiene* **98**:508-515.
500. **Madelain V, Guedj J, Mentre F, Nguyen THT, Jacquot F, Oestereich L, Kadota T, Yamada K, Taburet AM, de Lamballerie X, Raoul H.** 2018. Erratum for Madelain et al., "Favipiravir Pharmacokinetics in Nonhuman Primates and Insights for Future Efficacy Studies of Hemorrhagic Fever Viruses". *Antimicrobial agents and chemotherapy* **62**.
501. **Mellinghoff SC, Panse J, Alakel N, Behre G, Buchheidt D, Christopheit M, Hasenkamp J, Kiehl M, Koldehoff M, Krause SW, Lehnert N, von Lilienfeld-Toal M, Lohnert AY, Maschmeyer G, Teschner D, Ullmann AJ, Penack O, Ruhnke M, Mayer K, Ostermann H, Wolf HH, Cornely OA.** 2018. Primary prophylaxis of invasive fungal infections in patients with haematological malignancies: 2017 update of the recommendations of the Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO). *Annals of hematology* **97**:197-207.
502. **Mettke F, Schlevogt B, Deterding K, Wranke A, Smith A, Port K, Manns MP, Vogel A, Cornberg M, Wedemeyer H.** 2018. Interferon-free therapy of chronic hepatitis C with direct-acting antivirals does not change the short-term risk for de novo hepatocellular carcinoma in patients with liver cirrhosis. *Alimentary pharmacology & therapeutics* **47**:516-525.
503. **Miotto P, Tessema B, Tagliani E, Chindelevitch L, Starks AM, Emerson C, Hanna D, Kim PS, Liwski R, Zignol M, Gilpin C, Niemann S, Denkinger CM, Fleming J, Warren RM, Crook D, Posey J, Gagneux S, Hoffner S, Rodrigues C, Comas I, Engelthaler DM, Murray M, Alland D, Rigouts L, Lange C, Dheda K, Hasan R, Ranganathan UDK, McNerney R, Ezewudo M, Cirillo DM, Schito M, Koser CU, Rodwell TC.** 2017. A standardised method for interpreting the association between mutations and phenotypic drug resistance in *Mycobacterium tuberculosis*. *The European respiratory journal* **50**.
504. **Mohr F, Fischer JC, Nikolaus M, Stemberger C, Dreher S, Verschoor A, Haas T, Poeck H, Busch DH.** 2017. Minimally manipulated murine regulatory T cells purified by reversible Fab Multimers are potent suppressors for adoptive T-cell therapy. *European journal of immunology* **47**:2153-2162.
505. **Mombo-Ngoma G, Remppis J, Sievers M, Zoleko Manego R, Endamne L, Kabwende L, Veletzky L, Nguyen TT, Groger M, Lotsch F, Mischlinger J, Flohr L, Kim J, Cattaneo C, Hutchinson D, Duparc S, Joerg M, Velavan TP, Lell B, Ramharther M, Adegnika AA, Mordmuller B, Kreamsner PG.** 2017. Efficacy and safety of fosmidomycin-piperaquine as non-artemisinin-based combination therapy for uncomplicated falciparum malaria - A single-arm, age-de-escalation proof of concept study in Gabon. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America.*

506. **Moreira-Soto A, Sarno M, Pedroso C, Netto EM, Rockstroh A, Luz E, Feldmann M, Fischer C, Bastos FA, Kummerer BM, de Lamballerie X, Drosten C, Ulbert S, Brites C, Drexler JF.** 2017. Evidence for Congenital Zika Virus Infection From Neutralizing Antibody Titers in Maternal Sera, Northeastern Brazil. *The Journal of infectious diseases* **216**:1501-1504.
507. **Muller A, Grein F, Otto A, Gries K, Orlov D, Zarubaev V, Girard M, Sher X, Shamova O, Roemer T, Francois P, Becher D, Schneider T, Sahl HG.** 2017. Differential daptomycin resistance development in *Staphylococcus aureus* strains with active and mutated *gra* regulatory systems. *International journal of medical microbiology : IJMM.*
508. **Muller C, Schulte FW, Lange-Grunweller K, Obermann W, Madhugiri R, Pleschka S, Ziebuhr J, Hartmann RK, Grunweller A.** 2018. Broad-spectrum antiviral activity of the eIF4A inhibitor silvestrol against corona- and picornaviruses. *Antiviral research* **150**:123-129.
509. **Nicoli F, Gallerani E, Sforza F, Finessi V, Chachage M, Geldmacher C, Cafaro A, Ensoli B, Caputo A, Gavioli R.** 2017. The HIV-1 Tat protein affects human CD4+ T cell programming and activation, and favors the differentiation of naive CD4+ T cells. *AIDS (London, England).*
510. **Rodero MP, Tesser A, Bartok E, Rice GI, Della Mina E, Depp M, Beitz B, Bondet V, Cagnard N, Duffy D, Dussiot M, Fremond ML, Gattorno M, Guillem F, Kitabayashi N, Porcheray F, Rieux-Laucat F, Seabra L, Uggenti C, Volpi S, Zeef LAH, Alyanakian MA, Beltrand J, Bianco AM, Boddaert N, Brouzes C, Candon S, Caorsi R, Charbit M, Fabre M, Faletta F, Girard M, Harroche A, Hartmann D, Lasne D, Marcuzzi A, Neven B, Nitschke P, Pascreau T, Pastore S, Picard C, Picco P, Piscianz E, Polak M, Quartier P, Rabant M, Stocco G, Taddio A, Uettwiller F, Valencic E, Vozi D, Hartmann G, Barchet W, Hermine O, Bader-Meunier B, Tommasini A, Crow YJ.** 2017. Type I interferon-mediated autoinflammation due to DNase II deficiency. *Nature communications* **8**:2176.
511. **Schaible UE, Linnemann L, Redinger N, Patin EC, Dallenga T.** 2017. Strategies to Improve Vaccine Efficacy against Tuberculosis by Targeting Innate Immunity. *Frontiers in immunology* **8**:1755.
512. **Schnee SV, Pfeil J, Ihling CM, Tabatabai J, Schnitzler P.** 2017. Performance of the Alere i RSV assay for point-of-care detection of respiratory syncytial virus in children. *BMC infectious diseases* **17**:767.
513. **Schulze-Osthoff K, Bantel H.** 2017. Macrophage p38 kinase inhibition for liver regeneration. *The FEBS journal* **284**:4196-4199.
514. **Steinhagen F, Zillinger T, Peukert K, Fox M, Thudium M, Barchet W, Putensen C, Klinman D, Latz E, Bode C.** 2017. Suppressive oligodeoxynucleotides containing TTAGGG motifs inhibit cGAS activation in human monocytes. *European journal of immunology.*
515. **Surup F, Viehrig K, Rachid S, Plaza A, Maurer CK, Hartmann RW, Muller R.** 2018. Crocadespains-Depsipeptides from the Myxobacterium *Chondromyces crocatus* Found by a Genome Mining Approach. *ACS chemical biology* **13**:267-272.
516. **Tacconelli E, Carrara E, Savoldi A, Harbarth S, Mendelson M, Monnet DL, Pulcini C, Kahlmeter G, Kluytmans J, Carmeli Y, Ouellette M, Outterson K, Patel J, Cavalieri M, Cox EM, Houchens CR, Grayson ML, Hansen P, Singh N, Theuretzbacher U, Magrini N, Group WPPLW.** 2017. Discovery, research, and development of new antibiotics: the WHO priority list of antibiotic-resistant bacteria and tuberculosis. *The Lancet. Infectious diseases.*
517. **van Leth F, Gunther G, Hoffmann H, Lange C.** 2017. Reply: Benefit of the Shorter Multidrug-Resistant Tuberculosis Treatment Regimen in California and Modified Eligibility Criteria. *American journal of respiratory and critical care medicine* **196**:1489-1490.
518. **Wewer V, Makepeace BL, Tanya VN, Peisker H, Pfarr K, Hoerauf A, Dormann P.** 2017. Lipid profiling of the filarial nematodes *Onchocerca volvulus*, *Onchocerca ochengi* and *Litomosoides sigmodontis* reveals the accumulation of nematode-specific ether phospholipids in the host. *International journal for parasitology* **47**:903-912.
519. **Wildermuth R, Speck K, Haut FL, Mayer P, Karge B, Bronstrup M, Magauer T.** 2017. A modular synthesis of tetracyclic meroterpenoid antibiotics. *Nature communications* **8**:2083.
520. **Wittner M, Dunay GA, Kummer S, Bockhorn M, Hufner A, Schmiedel S, Degen O, van Lunzen J, Eberhard JM, Schulze Zur Wiesch J.** 2017. Cd32 Expression of Different Memory T Cell Subpopulations in the Blood and Lymph Nodal Tissue of Hiv Patients and Healthy Controls Correlates with Immune Activation. *Nature communications.*