

Publications with DZIF-Affiliation from 2015

Agnandji ST, Huttner A, Zinser ME, Njuguna P, Dahlke C, Fernandes JF, Yerly S, Dayer JA, Kraehling V, Kasonta R, Adegnika AA, Altfeld M, Auderset F, Bache EB, Biedenkopf N, Borregaard S, Brosnahan JS, Burrow R, Combescure C, Desmeules J, Eickmann M, Fehling SK, Finckh A, Goncalves AR, Grobusch MP, Hooper J, Jambrecina A, Kabwende AL, Kaya G, Kimani D, Lell B, Lemaître B, Lohse AW, Massinga-Loembe M, Matthey A, Mordmüller B, Nolting A, Ogwang C, Ramharter M, Schmidt-Chanasit J, Schmiedel S, Silvera P, Stahl FR, Staines HM, Strecker T, Stubbe HC, Tsofa B, Zaki S, Fast P, Moorthy V, Kaiser L, Krishna S, Becker S, Kieny MP, Bejon P, Kremsner PG, Addo MM, Siegrist CA. Phase 1 Trials of rVSV Ebola Vaccine in Africa and Europe - Preliminary Report. *N Engl J Med*. 2015 Apr 1. [Epub ahead of print] PubMed PMID: 25830326.

Ali S, Haileamlak A, Wieser A, Pritsch M, Heinrich N, Loscher T, Hoelscher M, Rachow A. Prevalence of Pulmonary Tuberculosis among Prison Inmates in Ethiopia, a Cross-Sectional Study. *PLoS One*. 2015 Dec 7;10(12):e0144040. doi: 10.1371/journal.pone.0144040. eCollection 2015. PubMed PMID: 26641654; PubMed Central PMCID: PMC4671540.

Amaro F, Zé-Zé L, Alves MJ, Börstler J, Clos J, Lorenzen S, Becker SC, Schmidt-Chanasit J, Cadar D. Co-circulation of a novel phlebovirus and Massilia virus in sandflies, Portugal. *Virology*. 2015 Oct 24;12:174. doi: 10.1186/s12985-015-0407-0. PubMed PMID: 26497645; PubMed Central PMCID: PMC4619550.

Ameres S, Liang X, Wiesner M, Mautner J, Moosmann A. A Diverse Repertoire of CD4 T Cells Targets the Immediate-Early 1 Protein of Human Cytomegalovirus. *Front Immunol*. 2015 Nov 25;6:598. doi: 10.3389/fimmu.2015.00598. eCollection 2015. PubMed PMID: 26635812; PubMed Central PMCID: PMC4658442.

Amort M, Nachbauer B, Tuzlak S, Kieser A, Schepers A, Villunger A, Polacek N. Expression of the vault RNA protects cells from undergoing apoptosis. *Nat Commun*. 2015 May 8;6:7030. doi: 10.1038/ncomms8030. PubMed PMID: 25952297; PubMed Central PMCID: PMC4430821.

Anggakusuma, Romero-Brey I, Berger C, Colpitts CC, Boldanova T, Engelmann M, Todt D, Perin PM, Behrendt P, Vondran FW, Xu S, Goffinet C, Schang LM, Heim MH, Bartenschlager R, Pietschmann T, Steinmann E. Interferon-inducible cholesterol-25-hydroxylase restricts hepatitis C virus replication through blockage of membranous web formation. *Hepatology*. 2015 Sep;62(3):702-14. doi: 10.1002/hep.27913. Epub 2015 Jul 28. PubMed PMID: 25999047.

Annan A, Ebach F, Corman VM, Krumkamp R, Adu-Sarkodie Y, Eis-Hübinger AM, Kruppa T, Simon A, May J, Evans J, Drosten C, Drexler JF. Similar Virus Spectra and Seasonality in Paediatric Patients with Acute Respiratory Disease, Ghana and Germany. *Clin Microbiol Infect*. 2015 Nov 13. pii: S1198-743X(15)00980-5. doi: 10.1016/j.cmi.2015.11.002. [Epub ahead of print] PubMed PMID: 26585774.

Bacher P, Jochheim-Richter A, Mockel-Tenbrink N, Kniemeyer O, Wingenfeld E, Alex R, Ortigao A, Karpova D, Lehrnbecher T, Ullmann AJ, Hamprecht A, Cornely O, Brakhage AA, Assenmacher M, Bonig H, Scheffold A. Clinical-scale isolation of the total *Aspergillus fumigatus*-reactive T-helper cell repertoire for adoptive transfer. *Cytotherapy*. 2015 Oct;17(10):1396-405. doi: 10.1016/j.jcyt.2015.05.011. Epub 2015 Jul 15. PubMed PMID: 26188965.

Baechlein C, Fischer N, Grundhoff A, Alawi M, Indenbirken D, Postel A, Baro AL, Offinger J, Becker K, Beineke A, Rehage J, Becher P. Identification of Novel Hepacivirus in Domestic Cattle from Germany. *J Virol.* 2015 Jul;89(14):7007-15. doi: 10.1128/JVI.00534-15. Epub 2015 Apr 29. PubMed PMID 25926652; PubMed Central PMCID: PMC4473572.

Bai Y, Müller DB, Srinivas G, Garrido-Oter R, Potthoff E, Rott M, Dombrowski N, Münch PC, Spaepen S, Remus-Emsermann M, Hüttel B, McHardy AC, Vorholt JA, Schulze-Lefert P. Functional overlap of the Arabidopsis leaf and root microbiota. *Nature.* 2015 Dec 17;528(7582):364-9. doi: 10.1038/nature16192. Epub 2015 Dec 2. PubMed PMID: 26633631.

Barchet W, Zillinger T. Exonuclease TREX1 also Has a Sweet Tooth. *Immunity* 2015 Sep 15;43(3):411-3. doi: 10.1016/j.immuni.2015.08.026. PubMed PMID 26377892.

Bauer JS, Ghequire MG, Nett M, Josten M, Sahl HG, De Mot R, Gross H. Biosynthetic Origin of the Antibiotic Pseudopyronines A and B in *Pseudomonas putida* BW11M1. *Chembiochem.* 2015 Nov;16(17):2491-7. doi: 10.1002/cbic.201500413. Epub 2015 Oct 28. PubMed PMID: 26507104.

Baylis SA, Crossan C, Corman VM, Blümel J, Scobie L, Dalton HR. Unusual serological response to hepatitis E virus in plasma donors consistent with re-infection. *Vox Sang.* 2015 Nov;109(4):406-9. doi: 10.1111/vox.12294. Epub 2015 May 29. PubMed PMID: 26031310.

Behler F, Maus R, Bohling J, Knippenberg S, Kirchhof G, Nagata M, Jonigk D, Izykowski N, Mägel L, Welte T, Yamasaki S, Maus UA. Macrophage-inducible C-type lectin Mincle-expressing dendritic cells contribute to control of splenic *Mycobacterium bovis* BCG infection in mice. *Infect Immun.* 2015 Jan;83(1):184-96. doi: 10.1128/IAI.02500-14. Epub 2014 Oct 20. PubMed PMID: 25332121; PubMed Central PMCID: PMC4288868.

Beisel C, van Lunzen J, Lohse AW, Addo MM, Altfeld M. [Sex differences in infectious diseases and their clinical consequences]. *Dtsch Med Wochenschr.* 2015 Sep;140(18):1385-90. doi: 10.1055/s-0041-104246. Epub 2015 Sep 11. Review German. PubMed PMID: 26360954.

Berbudi A, Ajendra J, Wardani AP, Hoerauf A, Hübner MP. Parasitic helminth and their beneficial impact on type 1 and type 2 diabetes. *Diabetes Metab Res Rev.* 2015 Jun 25. doi: 10.1002/dmrr.2673. [Epub ahead of print] PubMed PMID 26119261.

Binger T, Annan A, Drexler JF, Müller MA, Kallies R, Adankwah E, Wollny R, Kopp A, Heidemann H, Dei D, Agya-Yao FC, Junglen S, Feldt T, Kurth A, Oppong S, Adu-Sarkodie Y, Drosten C. A novel rhabdovirus isolated from the straw-colored fruit bat *Eidolon helvum*, with signs of antibodies in swine and humans. *J Virol.* 2015 Apr;89(8):4588-97. doi: 10.1128/JVI.02932-14. Epub 2015 Feb 11. PubMed PMID 25673701; PubMed Central PMCID: PMC4442353.

Bjorn-Mortensen K, Zallet J, Lillebaek T, Andersen AB, Niemann S, Rasmussen EM, Kohl TA. Direct DNA Extraction from *Mycobacterium tuberculosis* Frozen Stocks as a Reculture-Independent Approach to Whole-Genome Sequencing. *J Clin Microbiol* 2015 Aug;53(8):2716-9. doi: 10.1128/JCM.00662-15. Epub 2015 May 27. PubMed PMID: 26019203; PubMed Central PMCID: PMC4508433.

Bonsor DA, Pham KT, Beadenkopf R, Diederichs K, Haas R, Beckett D, Fischer W, Sundberg EJ. Integrin engagement by the helical RGD motif of the *Helicobacter pylori* CagL protein is regulated by pH-induced displacement of a neighborin helix. *J Biol Chem.* 2015 May 15;290(20):12929-40. doi: 10.1074/jbc.M115.641829. Epub 2015 Apr 2. PubMed PMID: 25837254; PubMed Central PMCID: PMC4432307.

Bowness R, Boeree MJ, Aarnoutse R, Dawson R, Diacon A, Mangu C, Heinrich N, Ntinginya NE, Kohlenberg A, Mtafya B, Phillips PP, Rachow A, Plemper van Balen G, Gillespie SH. The relationship between Mycobacterium tuberculosis MGIT time to positivity and cfu in sputum samples demonstrates changing bacterial phenotype potentially reflecting the impact of chemotherapy on critical sub-populations. *J Antimicrob Chemother.* 2015 Feb;70(2):448-55. doi: 10.1093/jac/dku415. Epub 2015 Oct 25. PubMed PMID: 25344806.

Boyle EC, Dombrowsky H, Sarau J, Braun J, Aepfelbacher M, Lautenschläger I, Grassl GA. Ex vivo perfusion of the isolated rat small intestine as a novel mode of Salmonella enteritis. *Am J Physiol Gastrointest Liver Physiol.* 2016 Jan 15;310(2):G55-63. doi: 10.1152/ajpgi.00444.2014. Epub 2015 Nov 12. PubMed PMID 26564721.

Bruyand M, Ryom L, Shepherd L, Fatkenheuer G, Grulich A, Reiss P, de Wit S, Arminio Monforte A, Furrer H, Pradier C, Lundgren J, Sabin C; D:A:D study group. Cancer risk and use of protease inhibitor or nonnucleoside reverse transcriptase inhibitor-based combination antiretroviral therapy: the D:A:D study. *J Acquir Immune Defic Syndr.* 2015 Apr 15;68(5):568-77. doi: 10.1097/QAI.0000000000000523. PubMed PMID: 25763785.

Buchholz CJ, Friedel T, Büning H. Surface-Engineered Viral Vectors for Selective and Cell Type-Specific Gene Delivery. *Trends Biotechnol.* 2015 Dec;33(12):777-90. doi: 10.1016/j.tibtech.2015.09.008. Epub 2015 Oct 20. Review. PubMed PMID: 26497425.

Büning H, Huber A, Zhang L, Meumann N, Hacker U. Engineering the AAV capsid to optimize vector-host-interactions. *Curr Opin Pharmacol.* 2015 Oct;24:94-104. doi: 10.1016/j.coph.2015.08.002. Epub 2015 Aug 25. Review. PubMed PMID: 26302254.

Carroll MW, Matthews DA, Hiscox JA, Elmore MJ, Pollakis G, Rambaut A, Hewson R, Garcia-Dorival I, Bore JA, Koundouno R, Abdellati S, Afrough B, Aiyepada J, Akhilomen P, Asogun D, Atkinson B, Badusche M, Bah A, Bate S, Baumann J, Becke D, Becker-Ziaja B, Bocquin A, Borremans B, Bosworth A, Boettcher JP, Cannas A, Carletti F, Castilletti C, Clark S, Colavita F, Diederich S, Donatus A, Duraffou S, Ehichioya D, Ellerbrok H, Fernandez-Garcia MD, Fizet A, Fleischmann E, Gryseels S, Hermelink A, Hinzmann J, Hopf-Guevara U, Ighodalo Y, Jameson L, Kelterbaum A, Kis Z, Kloth S, Kohl C, Korva M, Kraus A, Kuisma E, Kurth A, Liedigk B, Logue CH, Lüdtke A, Maes P, McCowen J, Mély S, Mertens M, Meschi S, Meyer B, Michel J, Molkenhuth P, Muñoz-Fontela C, Muth D, Newman EN, Ngabo D, Oestereich L, Okosun J, Olorokun T, Omiunu R, Omomoh E, Pallasch E, Pályi B, Portmann J, Pottage T, Pratt C, Priesnitz S, Quartu S, Rappe J, Repits J, Richtel M, Rudolf M, Sachse A, Schmidt KM, Schudt G, Strecker T, Thom R, Thomas S, Tobin E, Tolley H, Trautner J, Vermoesen T, Vitoriano I, Wagner M, Wolff S, Yue C, Capobianchi MR, Kretzschmar B, Hall Y, Kenny JG, Rickett NY, Dudas G, Coltart CE, Kerber R, Steer D, Wright C, Senyath F, Keita S, Drury P, Diallo B, de Clerck H, Van Herp M, Sprecher A, Traore A, Diakite M, Konde MK, Koivogui L, Magassouba N, Avšič-Županc T, Nitsche A, Strasser M, Ippolito G, Becker S, Stoecker K, Gabriel M, Raoul H, Di Caro A, Wölfel R, Formenty P, Günther S. Temporal and spatial analysis of the 2014-2015 Ebola virus outbreak in West Africa. *Nature.* 2015 Aug 6;524(7563):97-101. doi: 10.1038/nature14594. Epub 2015 Jun 17. PubMed PMID 26083749.

Caskey M, Klein F, Lorenzi JC, Seaman MS, West AP Jr, Buckley N, Kremer G, Nogueira L, Braunschweig M, Scheid JF, Horwitz JA, Shimeliovich I, Ben-Avraham S, Witmer-Pack M, Platten M, Lehmann C, Burke LA, Hawthorne T, Gorelick RJ, Walke BD, Keler T, Gulick RM, Fatkenheuer G, Schlesinger SJ, Nussenzweig MC. Viraemia suppressed in HIV-1-infected humans by broadly neutralizing antibody 3BNC117. *Nature.* 2015 Jun 25;522(7557):487-91. doi: 10.1038/nature14411. Epub 2015 Apr 8. PubMed PMID: 25855300.

Cerino A, Bremer CM, Glebe D, Mondelli MU. A Human Monoclonal Antibody against Hepatitis B Surface Antigen with Potent Neutralizing Activity. *PLoS One*. 2015 Apr 29;10(4):e0125704. doi: 10.1371/journal.pone.0125704. eCollection 2015. PubMed PMID: 25923526; PubMed Central PMCID: PMC4414269.

Corman VM, Grunhoffs A, Baechlein C, Fischer N, Gmyl A, Wollny R, Dei D, Rit D, Binger T, Adankwah E, Marfo KS, Annison L, Annan A, Adu-Sarkodie Y, Oppong S, Becher P, Drosten C, Drexler JF. Highly divergent hepaciviruses from Africa cattle. *J Virol*. 2015 Jun;89(11):5876-82. doi: 10.1128/JVI.00393-15. Epub 201 Mar 18. PubMed PMID: 25787289; PubMed Central PMCID: PMC4442428.

Corman VM, Baldwin HJ, Tateno AF, Zerbinati RM, Annan A, Owusu M, Nkrumah EE, Maganga GD, Oppong S, Adu-Sarkodie Y, Vallo P, da Silva Filho LV, Leroy EM, Thie V, van der Hoek L, Poon LL, Tschapka M, Drosten C, Drexler JF. Evidence for an Ancestral Association of Human Coronavirus 229E with Bats. *J Virol*. 2015 Dec 1;89(23):11858-70. doi: 10.1128/JVI.01755-15. Epub 2015 Sep 16. PubMed PMID 26378164; PubMed Central PMCID: PMC4645311.

Cornely OA, Gachot B, Akan H, Bassetti M, Uzun O, Kibbler C, Marchetti O, de Burghgraeve P, Ramadan S, Pylkkanen L, Ameye L, Paesmans M, Donnelly JP; EORT Infectious Diseases Group. Epidemiology and outcome of fungemia in a cancer Cohort of the Infectious Diseases Group (IDG) of the European Organization for Research and Treatment of Cancer (EORTC 65031). *Clin Infect Dis*. 2015 Aug 1;61(3):324-31. doi: 10.1093/cid/civ293. Epub 2015 Apr 13. Erratum in: *Clin Infect Dis*. 2015 Nov 15;61(10):1635. Donnelly, Peter J [corrected to Donnelly, J Peter]. PubMed PMID: 25870323.

Cota I, Bunk B, Spröer C, Overmann J, König C, Casadesús J. OxyR-dependent formation of DNA methylation patterns in *OpvABOFF* and *OpvABON* cell lineages of *Salmonella enterica*. *Nucleic Acids Res*. 2015 Dec 19. pii: gkv1483. [Epub ahead of print] PubMed PMID: 26687718.

Crudu V, Merker M, Lange C, Noroc E, Romancenco E, Chesov D, Günther G, Niemann S. Nosocomial transmission of multidrug-resistant tuberculosis. *Int Tuberc Lung Dis*. 2015 Dec;19(12):1520-3. doi: 10.5588/ijtld.15.0327. PubMed PMID 26614195.

Dammermann W, Bentzien F, Stiel EM, Kühne C, Ullrich S, Schulze Zur Wiesch J, Lüth S. Development of a novel IGRA assay to test T cell responsiveness to HB antigens in whole blood of chronic Hepatitis B patients. *J Transl Med*. 2015 Mar 13;13:157. doi: 10.1186/s12967-015-0513-1. PubMed PMID: 25968473; PubMed Central PMCID: PMC4465460.

Dandri M, Bockmann JH. The challenge of protecting without overprotecting the two sides of myeloid-derived suppressor cells in HBV infection. *Hepatology* 2015 Dec 10. doi: 10.1002/hep.28385. [Epub ahead of print] PubMed PMID: 26661682.

Dargel C, Bassani-Sternberg M, Hasreiter J, Zani F, Bockmann JH, Thiele F, Bohne F, Wisskirchen K, Wilde S, Sprinzl MF, Schendel DJ, Krackhardt AM, Ucker W, Wohlleber D, Schiemann M, Stemmer K, Heikenwälder M, Busch DH, Richter G, Man M, Protzer U. T Cells Engineered to Express a T-Cell Receptor Specific for Glypican-3 to Recognize and Kill Hepatoma Cells In Vitro and in Mice. *Gastroenterology*. 2015 Oct;149(4):1042-52. doi: 10.1053/j.gastro.2015.05.055 Epub 2015 Jun 5. PubMed PMID: 26052074.

de Visser V, Sotgiu G, Lange C, Aabye MG, Bakker M, Bartalesi F, Brat K, Che CB, Dheda K, Dominguez J, Eyuboglu F, Ghanem M, Goletti D, Dilektasli AG, Guglielmetti L, Koh WJ, Latorre I, Losi M, Polanova M, Ravn P, Ringshausen FC, Rumetshofer R, de Souza-Galvão ML, Thijsen S, Bothamley G, Bossink A; TBNET. False-negative interferon- γ release assay results in active tuberculosis: a TBNET study. *Eur Respir J*. 2015 Jan;45(1):279-83. doi: 10.1183/09031936.00120214. Epub 2014 Oct 30. PubMed PMID: 25359336.

Dekker DM, Krumkamp R, Sarpong N, Frickmann H, Boahen KG, Frimpong M, Asar R, Larbi R, Hagen RM, Poppert S, Rabsch W, Marks F, Adu-Sarkodie Y, May J Drinking water from dug wells in rural Ghana--salmonella contamination environmental factors, and genotypes. *Int J Environ Res Public Health*. 2015 Mar 27;12(4):3535-46. doi: 10.3390/ijerph120403535. PubMed PMID: 25826395; PubMed Central PMCID: PMC4410201.

Depner M, Fuchs S, Raabe J, Frede N, Glocker C, Doffinger R, Gkrania-Klotsas E, Kumararatne D, Atkinson TP, Schroeder HW Jr, Niehues T, Dückers G, Stray-Pedersen A, Baumann U, Schmidt R, Franco JL, Orrego J, Ben-Shoshan M, McCusker C, Jacob CM, Carneiro-Sampaio M, Devlin LA, Edgar JD, Henderson P, Russell RK, Skytte AB, Seneviratne SL, Wanders J, Stauss H, Meyts I, Moens L, Jesenak M, Kobbe R, Borte S, Borte M, Wright DA, Hagin D, Torgerson TR, Grimbacher B. The Extended Clinical Phenotype of 26 Patients with Chronic Mucocutaneous Candidiasis due to Gain-of-Function Mutations in STAT1. *J Clin Immunol*. 2016 Jan;36(1):73-84. doi: 10.1007/s10875-015-0214-9. Epub 2015 Nov 25. PubMed PMID: 26604104.

Doijad S, Weigel M, Barbuddhe S, Blom J, Goesmann A, Hain T, Chakraborty T Phylogenomic grouping of *Listeria monocytogenes*. *Can J Microbiol*. 2015 Sep;61(9):637-46. doi: 10.1139/cjm-2015-0281. Epub 2015 Jun 9. PubMed PMID 26245135.

Doijad S, Imirzalioglu C, Yao Y, Pati NB, Falgenhauer L, Hain T, Foessel BU, Abt B, Overmann J, Mirambo MM, Mshana SE, Chakraborty T. *Enterobacter bugandensis* sp. nov., from a neonatal unit in Tanzania. *Int J Syst Evol Microbiol*. 2015 Dec 4. doi: 10.1099/ijsem.0.000821. [Epub ahead of print] PubMed PMID: 26637818.

Dold L, Ahlenstiel G, Althausen E, Luda C, Schwarze-Zander C, Boesecke C, Wasmuth JC, Rockstroh JK, Spengler U. Survival and HLA-B*57 in HIV/HCV Co-Infected Patients on Highly Active Antiretroviral Therapy (HAART). *PLoS One* 2015 Aug 4;10(8):e0134158. doi: 10.1371/journal.pone.0134158. eCollection 2015 PubMed PMID: 26241854; PubMed Central PMCID: PMC4524598.

Doyle JS, Deterding K, Grebely J, Wedemeyer H, Sacks-Davis R, Spelman T, Matthews G, Rice TM, Morris MD, McGovern BH, Kim AY, Bruneau J, Lloyd AR, Page K, Manns MP, Hellard ME, Dore GJ; InC3 Study Group. Response to treatment following recently acquired hepatitis C virus infection in a multicentre collaborative cohort. *J Viral Hepat*. 2015 Dec;22(12):1020-32. doi: 10.1111/jvh.12429. Epub 2015 Jun 22. PubMed PMID: 26098993; PubMed Central PMCID: PMC4618180.

Dudnyk A, Rzhepishevskaya O, Rogach K, Kutsyna G, Lange C. Multidrug-resistant tuberculosis in Ukraine at a time of military conflict. *Int J Tuberc Lung Dis* 2015 Apr;19(4):492-3. doi: 10.5588/ijtld.14.0940. PubMed PMID: 25860008.

Dunay GA, Tóth I, Eberhard JM, Degen O, Tolosa E, van Lunzen J, Hauber J, Zu Wiesch JS. Parallel assessment of Th17 cell frequencies by surface marker co-expression versus ex vivo IL-17 production in HIV-1 infection. *Cytometry Clin Cytom*. 2015 Dec 14. doi: 10.1002/cyto.b.21352. [Epub ahead of print] PubMed PMID: 26666875.

Ehrhardt J, Alabi AS, Kuczius T, Tsombeng FF, Becker K, Kremsner PG, Schaumburg F, Esen M. Population structure of *Legionella* spp. from environmental samples in Gabon, 2013. *Infect Genet Evol*. 2015 Jul;33:299-303. doi: 10.1016/j.meegid.2015.05.019. Epub 2015 May 19. PubMed PMID: 25999129.

Eibach D, Krumkamp R, Al-Emran HM, Sarpong N, Hagen RM, Adu-Sarkodie Y, Tannich E, May J. Molecular characterization of *Cryptosporidium* spp. among children in rural Ghana. *PLoS Negl Trop Dis*. 2015 Mar 6;9(3):e0003551. doi: 10.1371/journal.pntd.0003551. eCollection 2015 Mar. PubMed PMID: 25749411; PubMe Central PMCID: PMC4352007.

Eichenberger EM, Thaden JT, Sharma-Kuinkel B, Park LP, Rude TH, Ruffin F, Ho NJ, Seifert H, Rieg S, Kern WV, Lower SK, Fowler VG Jr, Kaasch AJ. Polymorphisms in Fibronectin Binding Proteins A and B among *Staphylococcus aureus* Bloodstream Isolates Are Not Associated with Arthroplasty Infection. *PLoS One*. 2015 No 25;10(11):e0141436. doi: 10.1371/journal.pone.0141436. eCollection 2015. PubMe PMID: 26606522; PubMed Central PMCID: PMC4659655.

Elgner F, Donnerhak C, Ren H, Medvedev R, Schreiber A, Weber L, Heilmann M, Ploen D, Himmelsbach K, Finkernagel M, Klingel K, Hildt E. Characterization of α -taxilin as a novel factor controlling the release of hepatitis C virus. *Biochem J*. 2016 Jan 15;473(2):145-55. doi: 10.1042/BJ20150717. Epub 2015 Nov 2. PubMe PMID: 26527738.

Erny D, Hrabě de Angelis AL, Jaitin D, Wieghofer P, Staszewski O, David E, Keren-Shaul H, Muhlaker T, Jakobshagen K, Buch T, Schwierzeck V, Utermöhlen O, Chun E, Garrett WS, McCoy KD, Diefenbach A, Staeheli P, Stecher B, Amit I, Prinz M. Host microbiota constantly control maturation and function of microglia in the CNS. *Nat Neurosci*. 2015 Jul;18(7):965-77. doi: 10.1038/nn.4030. Epub 2015 Jun 1. PubMed PMID: 26030851.

Esser-Nobis K, Harak C, Schult P, Kusov Y, Lohmann V. Novel perspectives for hepatitis A virus therapy revealed by comparative analysis of hepatitis C virus and hepatitis A virus RNA replication. *Hepatology*. 2015 Aug;62(2):397-408. doi: 10.1002/hep.27847. Epub 2015 May 20. PubMed PMID: 25866017.

Falgenhauer L, Ghosh H, Guerra B, Yao Y, Fritzenwanker M, Fischer J, Helmuth R, Imirzalioglu C, Chakraborty T. Comparative genome analysis of IncHI2 VIM-carbapenemase-encoding plasmids of *Escherichia coli* and *Salmonella enterica* isolated from a livestock farm in Germany. *Vet Microbiol*. 2015 Sep 9. pii: S0378-1135(15)30020-1. doi: 10.1016/j.vetmic.2015.09.001. [Epub ahead of print] PubMed PMID: 26411323.

Ferreira RB, Valdez Y, Coombes BK, Sad S, Gouw JW, Brown EM, Li Y, Grassl GA, Antunes LC, Gill N, Truong M, Scholz R, Reynolds LA, Krishnan L, Zafer AA, Sal-Man N, Lowden MJ, Auweter SD, Foster LJ, Finlay BB. A Highly Effective Component Vaccine against Nontyphoidal *Salmonella enterica* Infections. *MBio*. 2015 Sep 22;6(5):e01421-15. doi: 10.1128/mBio.01421-15. PubMed PMID: 26396246; PubMed Central PMCID: PMC4600123.

Feuerriegel S, Schleusener V, Beckert P, Kohl TA, Miotto P, Cirillo DM, Cabibbe AM, Niemann S, Fellenberg K. PhyResSE: a Web Tool Delineating Mycobacterium tuberculosis Antibiotic Resistance and Lineage from Whole-Genome Sequencing Data. *J Clin Microbiol*. 2015 Jun;53(6):1908-14. doi: 10.1128/JCM.00025-15. Epub 2015 Apr 8. PubMed PMID: 25854485; PubMed Central PMCID: PMC4432036.

Fiebiger BM, Pfister H, Behrends U, Mautner J. Polyubiquitination of lysine-48 is an essential but indirect signal for MHC class I antigen processing. *Eur J Immunol*. 2015 Mar;45(3):716-27. doi: 10.1002/eji.201444830. Epub 2015 Jan 15. PubMed PMID: 25500897.

Fischer N, Indenbirken D, Meyer T, Lütgehetmann M, Lellek H, Spohn M, Aepfelbacher M, Alawi M, Grundhoff A. Evaluation of Unbiased Next-Generation Sequencing of RNA (RNA-seq) as a Diagnostic Method in Influenza Virus-Positive Respiratory Samples. *J Clin Microbiol*. 2015 Jul;53(7):2238-50. doi: 10.1128/JCM.02495-14. Epub 2015 May 13. PubMed PMID: 25972420; PubMed Central PMCID: PMC4473199.

Flossdorf M, Rössler J, Buchholz VR, Busch DH, Höfer T. CD8(+) T cell diversification by asymmetric cell division. *Nat Immunol.* 2015 Sep;16(9):891-3 doi: 10.1038/ni.3235. PubMed PMID: 26287584.

Fogeron ML, Badillo A, Jirasko V, Gouttenoire J, Paul D, Lancien L, Moradpou D, Bartenschlager R, Meier BH, Penin F, Böckmann A. Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. *Protein Expr Purif.* 2015 Jan;105:39-46. doi: 10.1016/j.pep.2014.10.003. Epub 2014 Oct 12. PubMed PMID 25306874.

Fogeron ML, Paul D, Jirasko V, Montserret R, Lacabanne D, Molle J, Badillo A, Boukadida C, Georgeault S, Roingard P, Martin A, Bartenschlager R, Penin F, Böckmann A. Functional expression, purification, characterization, and membrane reconstitution of non-structural protein 2 from hepatitis C virus. *Protein Exp Purif.* 2015 Dec;116:1-6. doi: 10.1016/j.pep.2015.08.027. Epub 2015 Aug 29. PubMed PMID: 26325423.

Fätkenheuer G, Hirschel B, Harbarth S. Screening and isolation to control methicillin-resistant *Staphylococcus aureus*: sense, nonsense, and evidence. *Lancet.* 2015 Mar 21;385(9973):1146-9. doi: 10.1016/S0140-6736(14)60660-7. Epub 2014 Aug 20. PubMed PMID: 25150745.

Garigliany MM, Börstler J, Jöst H, Badusche M, Desmecht D, Schmidt-Chanasi J, Cadar D. Characterization of a novel circovirus-like virus in *Aedes vexans* mosquitoes from Germany: evidence for a new genus within the family Circoviridae. *J Gen Virol.* 2015 Apr;96(Pt 4):915-20. doi: 10.1099/vir.0.000036. Epub 2014 Dec 22. PubMed PMID: 25535324.

Garnacho-Montero J, Dimopoulos G, Poulakou G, Akova M, Cisneros JM, De Waele J, Petrosillo N, Seifert H, Timsit JF, Vila J, Zahar JR, Bassetti M. Task force on management and prevention of *Acinetobacter baumannii* infections in the ICU. *Intensive Care Med.* 2015 Dec;41(12):2057-75. doi: 10.1007/s00134-015-4079-4. Epub 2015 Oct 5. PubMed PMID: 26438224.

Geissler R, Hauber I, Funk N, Richter A, Behrens M, Renner I, Chemnitz J, Hofmann-Sieber H, Baum H, van Lunzen J, Boch J, Hauber J, Behrens SE. Patient-adapted, specific activation of HIV-1 by customized TAL effector (TALEs), a proof of principle study. *Virology.* 2015 Dec;486:248-54. doi: 10.1016/j.virol.2015.09.018. Epub 2015 Oct 27. PubMed PMID: 26474371.

Geldmacher C, Hatherill M. First-in-human trial of a live-attenuated *Mycobacterium tuberculosis* vaccine. *Lancet Respir Med.* 2015 Dec;3(12):906-7. doi: 10.1016/S2213-2600(15)00474-9. Epub 2015 Nov 17. PubMed PMID: 26598142.

George SE, Nguyen T, Geiger T, Weidenmaier C, Lee JC, Liese J, Wolz C. Phenotypic heterogeneity and temporal expression of the capsular polysaccharide in *Staphylococcus aureus*. *Mol Microbiol.* 2015 Dec;98(6):1073-88. doi: 10.1111/mmi.13174. Epub 2015 Sep 25. PubMed PMID: 26303846.

Gerold G, Bruening J, Pietschmann T. Decoding protein networks during virus entry by quantitative proteomics. *Virus Res.* 2015 Sep 10. pii: S0168-1702(15)30061-7. doi: 10.1016/j.virusres.2015.09.006. [Epub ahead of print] PubMed PMID: 26365680.

Giersch K, Dandri M. Hepatitis B and Delta Virus: Advances on Studies about Interactions between the Two Viruses and the Infected Hepatocyte. *J Clin Trans Hepatol.* 2015 Sep 28;3(3):220-9. doi: 10.14218/JCTH.2015.00018. Epub 2015 Sep 15. Review. PubMed PMID: 26623269; PubMed Central PMCID: PMC4663204.

Giersch K, Allweiss L, Volz T, Helbig M, Bierwolf J, Lohse AW, Pollok JM, Petersen J, Dandri M, Lütgehetmann M. Hepatitis Delta co-infection in humanized mice leads to pronounced induction of innate immune responses in comparison to HBV mono-infection. *J Hepatol.* 2015 Aug;63(2):346-53. doi: 10.1016/j.jhep.2015.03.011. Epub 2015 Mar 17. PubMed PMID: 25795587.

Glowacka I, Harste G, Witthuhn J, Heim A. An Improved One-Step Real-Time Reverse Transcription-PCR for the Detection of Norovirus. *J Clin Microbiol.* 2015 Dec 4. pii: JCM.02206-15. [Epub ahead of print] PubMed PMID: 26637382.

Glöckner A, Cornely OA. *Candida glabrata*--unique features and challenges in the clinical management of invasive infections. *Mycoses.* 2015 Aug;58(8):445-50 doi: 10.1111/myc.12348. PubMed PMID: 26207423.

Gramolelli S, Weidner-Glunde M, Abere B, Viejo-Borbolla A, Bala K, Rückert J, Kremmer E, Schulz TF. Inhibiting the Recruitment of PLC γ 1 to Kaposi's Sarcoma Herpesvirus K15 Protein Reduces the Invasiveness and Angiogenesis of Infected Endothelial Cells. *PLoS Pathog.* 2015 Aug 21;11(8):e1005105. doi: 10.1371/journal.ppat.1005105. eCollection 2015 Aug. PubMed PMID: 26295810; PubMed Central PMCID: PMC4546648.

Gölz L, Buerfent BC, Hofmann A, Hübner MP, Rühl H, Fricker N, Schmidt D, Johannes O, Jepsen S, Deschner J, Hoerauf A, Nöthen MM, Schumacher J, Jäger A. Genome-wide transcriptome induced by *Porphyromonas gingivalis* LPS supports the notion of host-derived periodontal destruction and its association with systemic diseases. *Innate Immun.* 2016 Jan;22(1):72-84. doi: 10.1177/1753425915616685. Epub 2015 Nov 24. PubMed PMID: 26608307.

Göttig S, Gruber TM, Stecher B, Wichelhaus TA, Kempf VA. In vivo horizontal gene transfer of the carbapenemase OXA-48 during a nosocomial outbreak. *Clin Infect Dis.* 2015 Jun 15;60(12):1808-15. doi: 10.1093/cid/civ191. Epub 2015 May 10. PubMed PMID: 25759432.

Günther G, Gomez GB, Lange C, Rupert S, van Leth F; TBNET. Availability, price and affordability of anti-tuberculosis drugs in Europe: a TBNET survey. *Eu Respir J.* 2015 Apr;45(4):1081-8. doi: 10.1183/09031936.00124614. Epub 2014 Nov 13. PubMed PMID: 25395035.

Günther PS, Peper JK, Faist B, Kayser S, Hartl L, Feuchtinger T, Jahn G, Neuenhahn M, Busch DH, Stevanović S, Dennehy KM. Identification of a Novel Immunodominant HLA-B*07: 02-restricted Adenoviral Peptide Epitope and Its Potential in Adoptive Transfer Immunotherapy. *J Immunother.* 2015 Sep;38(7):267-75. doi: 10.1097/CJI.0000000000000087. PubMed PMID: 26261890.

Haagmans BL, van den Brand JM, Raj VS, Volz A, Wohlsein P, Smits SL, Schippe D, Bestebroer TM, Okba N, Fux R, Bensaid A, Solanes Foz D, Kuiken T, Baumgärtner W, Segalés J, Sutter G, Osterhaus AD. An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels. *Science.* 2016 Jan 1;351(6268):77-81. doi: 10.1126/science.aad1283. Epub 2015 Dec 17. PubMed PMID: 26678878.

Hafner S, Ehrenfeld M, Storz E, Wieser A. Photodynamic Inactivation of *Actinomyces naeslundii* in Comparison With Chlorhexidine and Polyhexanide-A New Approach for Antiseptic Treatment of Medication-Related Osteonecrosis of the Jaw? *J Oral Maxillofac Surg.* 2015 Sep 25. pii: S0278-2391(15)01282-3. doi: 10.1016/j.joms.2015.09.014. [Epub ahead of print] PubMed PMID: 26450798.

Haller S, Eller C, Hermes J, Kaase M, Steglich M, Radonić A, Dabrowski PW, Nitsche A, Pfeifer Y, Werner G, Wunderle W, Velasco E, Abu Sin M, Eckmanns T, Nübel U. What caused the outbreak of ESBL-producing *Klebsiella pneumoniae* in neonatal intensive care unit, Germany 2009 to 2012? Reconstructing transmission with epidemiological analysis and whole-genome sequencing. *BMJ Open*. 2015 Mar 11;5(5):e007397. doi: 10.1136/bmjopen-2014-007397. PubMed PMID: 25967999; PubMed Central PMCID: PMC4431171.

Hammerl JA, Ulrich RG, Imholt C, Scholz HC, Jacob J, Kratzmann N, Nöckler K, Al Dahouk S. Molecular Survey on Brucellosis in Rodents and Shrews - Natural Reservoirs of Novel *Brucella* Species in Germany? *Transbound Emerg Dis*. 2015 Sep 23. doi: 10.1111/tbed.12425. [Epub ahead of print] PubMed PMID: 26398680.

Hammerschmidt W. The Epigenetic Life Cycle of Epstein-Barr Virus. *Curr Top Microbiol Immunol*. 2015;390(Pt 1):103-17. doi: 10.1007/978-3-319-22822-8_6 Review. PubMed PMID: 26424645.

Han Z, Sakai N, Böttger LH, Klinke S, Hauber J, Trautwein AX, Hilgenfeld R. Crystal Structure of the Peroxo-diiron(III) Intermediate of Deoxyhypusine Hydroxylase, an Oxygenase Involved in Hypusination. *Structure*. 2015 Mar 5;23(5):882-92. doi: 10.1016/j.str.2015.03.002. Epub 2015 Apr 9. PubMed PMID 25865244.

Heidrich B, Cordes HJ, Klinker H, Möller B, Naumann U, Rössle M, Kraus MR, Böker KH, Roggel C, Schuchmann M, Stoehr A, Trein A, Hardtke S, Gonnermann A, Koch A, Wedemeyer H, Manns MP, Cornberg M. Treatment Extension of Pegylate Interferon Alpha and Ribavirin Does Not Improve SVR in Patients with Genotype 2/3 without Rapid Virological Response (OPTEX Trial): A Prospective, Randomized, Two-Arm, Multicentre Phase IV Clinical Trial. *PLoS One*. 2015 Jun 9;10(6):e0128069. doi: 10.1371/journal.pone.0128069. eCollection 2015. PubMed PMID: 26057627; PubMed Central PMCID: PMC4461366.

Heinrich N, Dawson R, du Bois J, Narunsky K, Horwith G, Phipps AJ, Nacy CA, Aarnoutse RE, Boeree MJ, Gillespie SH, Venter A, Henne S, Rachow A, Phillips PP, Hoelscher M, Diacon AH; Pan African Consortium for the Evaluation of Antituberculosis Antibiotics (PanACEA); Pan African Consortium for the Evaluation of Antituberculosis Antibiotics PanACEA. Early phase evaluation of SQ109 alone and in combination with rifampicin in pulmonary TB patients. *J Antimicrob Chemother*. 2015 May;70(5):1558-66. doi: 10.1093/jac/dku553. Epub 2015 Jan 27. PubMed PMID: 25630641.

Heinrich N, Dill T, Dobler G, Clowes P, Kroidl I, Starke M, Ntinginya NE, Maboko L, Löscher T, Hoelscher M, Saathoff E. High seroprevalence for spotted fever group rickettsiae, is associated with higher temperatures and rural environment in Mbeya region, southwestern Tanzania. *PLoS Negl Trop Dis*. 2015 Apr 7;9(4):e0003626. doi: 10.1371/journal.pntd.0003626. eCollection 2015 Apr. PubMed PMID: 25849718; PubMed Central PMCID: PMC4388512.

Helleberg M, May MT, Ingle SM, Dabis F, Reiss P, Fätkenheuer G, Costaglioli D, d'Arminio A, Cavassini M, Smith C, Justice AC, Gill J, Sterne JA, Obel N. Smoking and life expectancy among HIV-infected individuals on antiretroviral therapy in Europe and North America. *AIDS*. 2015 Jan 14;29(2):221-9. doi: 10.1097/QAD.0000000000000540. Erratum in: *AIDS*. 2015 Sep 10;29(14):1909. PubMed PMID: 25426809; PubMed Central PMCID: PMC4284008.

Herzmann C, Sotgiu G, Schaberg T, Ernst M, Stenger S, Lange C; TB or not TB Consortium. Childhood BCG vaccination does not influence control of *Mycobacterium tuberculosis* growth by human bronchoalveolar lavage cells. *Tuberculosis (Edinb)*. 2015 May;95(3):321-7. doi: 10.1016/j.tube.2015.02.044. Epub 2015 Feb 28. PubMed PMID: 25794470.

Heuchert A, Abduselam N, Zeynudin A, Eshetu T, Löscher T, Wieser A, Pritsch M, Berens-Riha N. Molecular markers of anti-malarial drug resistance in southwest Ethiopia over time: regional surveillance from 2006 to 2013. *Malar J*. 2015 Mar 19;14:208. doi: 10.1186/s12936-015-0723-2. PubMed PMID: 25986047; PubMed Central PMCID: PMC4490604.

Hoffmann B, Tappe D, Höper D, Herden C, Boldt A, Mawrin C, Niederstraßer O, Müller T, Jenckel M, van der Grinten E, Lutter C, Abendroth B, Teifke JP, Cada D, Schmidt-Chanasit J, Ulrich RG, Beer M. A Variegated Squirrel Bornavirus Associated with Fatal Human Encephalitis. *N Engl J Med*. 2015 Jul 9;373(2):154-62 doi: 10.1056/NEJMoal415627. PubMed PMID: 26154788.

Hoffmann C, Schommers P, Wolf E, Müller M, Schultze A, Krznicaric I, Stoehr A, Wolf T, Fäktenheuer G, Stier B, Wyen C, Hentrich M. CD4+ and CD8+ T-cell kinetic in aviremic HIV-infected patients developing hodgkin or non hodgkin lymphoma AIDS. 2015 Nov 24. [Epub ahead of print] PubMed PMID: 26605513.

Hoffmann U, Neudörfl C, Daemen K, Keil J, Stevanovic-Meyer M, Lehner F, Haller H, Blume C, Falk CS. NK Cells of Kidney Transplant Recipients Display a Activated Phenotype that Is Influenced by Immunosuppression and Pathologica Staging. *PLoS One*. 2015 Jul 6;10(7):e0132484. doi: 10.1371/journal.pone.0132484. eCollection 2015. PubMed PMID: 26147651; PubMed Central PMCID: PMC4492590.

Hofmann A, Sommer R, Hauck D, Stifel J, Göttker-Schnetmann I, Titz A. Synthesis of mannoheptose derivatives and their evaluation as inhibitors of the lectin LecB from the opportunistic pathogen *Pseudomonas aeruginosa*. *Carbohydr Res*. 2015 Aug 14;412:34-42. doi: 10.1016/j.carres.2015.04.010. Epub 2015 May 5 PubMed PMID: 26004349.

Hofmann M, Wiethölter A, Blaha I, Jöst H, Heinemann P, Lehmann M, Müller T, Cadar D, Yanase T, Kley N, Eiden M, Groschup M, Schmidt-Chanasit J. Surveillance of Batai virus in bovines from Germany. *Clin Vaccine Immunol*. 2015 Jun;22(6):672-3. doi: 10.1128/COI.00082-15. Epub 2015 Apr 15. PubMed PMID 25878253; PubMed Central PMCID: PMC4446405.

Hos NJ, Rieg S, Kern WV, Jonas D, Fowler VG, Higgins PG, Seifert H, Kaasc AJ. Amino acid alterations in fibronectin binding protein A (FnBPA) and bacteria genotype are associated with cardiac device related infection in *Staphylococcus aureus* bacteraemia. *J Infect*. 2015 Feb;70(2):153-9. doi: 10.1016/j.jinf.2014.09.005. Epub 2014 Sep 22. PubMed PMID: 25246358.

Hueging K, Weller R, Doepke M, Vieyres G, Todt D, Wölk B, Vondran FW, Geffer R, Lauber C, Kaderali L, Penin F, Pietschmann T. Several Human Liver Cells Expressed Apolipoproteins Complement HCV Virus Production with Varying Efficacy Conferring Differential Specific Infectivity to Released Viruses. *PLoS One*. 2015 Jul 30;10(7):e0134529. doi: 10.1371/journal.pone.0134529. eCollection 2015 PubMed PMID: 26226615; PubMed Central PMCID: PMC4520612.

Iftime D, Kulik A, Härtner T, Rohrer S, Niedermeyer TH, Stegmann E, Weber T, Wohlleben W. Identification and activation of novel biosynthetic gene clusters by genome mining in the kirromycin producer *Streptomyces collinus* Tü 365. *J In Microbiol Biotechnol*. 2015 Oct 3. [Epub ahead of print] PubMed PMID: 26433383.

Ingiliz P, Rockstroh JK. Natural history of liver disease and effect of hepatitis C virus on HIV disease progression. *Curr Opin HIV AIDS*. 2015 Sep;10(5):303-8. doi: 10.1097/COH.0000000000000187. PubMed PMID: 26248118.

Jadav SS, Sinha BN, Hilgenfeld R, Pastorino B, de Lamballerie X, Jayaprakash V. Thiazolidone derivatives as inhibitors of chikungunya virus. *Eur J Med Chem* 2015 Jan 7;89:172-8. doi: 10.1016/j.ejmech.2014.10.042. Epub 2014 Oct 16. PubMed PMID: 25462237.

Jakobshagen K, Ward B, Baschuk N, Huss S, Brunn A, Malecki M, Fiolka M, Rapp G, Corogeanu D, Karow U, Schiller P, Abken H, Heukamp LC, Deckert M, Krönke M, Utermöhlen O. Endogenous IL10 Alleviates the Systemic Antiviral Cellular Immune Response and T Cell-Mediated Immunopathology in Select Organs of Acute LCMV-Infected Mice. *Am J Pathol*. 2015 Nov;185(11):3025-38. doi 10.1016/j.ajpath.2015.07.019. PubMed PMID: 26506472.

Jansen C, Reiberger T, Huang J, Eiseheid H, Schierwagen R, Mandorfer M, Anadol E, Schwabl P, Schwarze-Zander C, Warnecke-Eberz U, Strassburg CP, Rockstroh JK, Peck-Radosavljevic M, Odenthal M, Trebicka J. Circulating miRNA-12 levels are associated with hepatic necroinflammation and portal hypertension in HIV/HCV coinfection. *PLoS One*. 2015 Feb 3;10(2):e0116768. doi 10.1371/journal.pone.0116768. eCollection 2015. PubMed PMID: 25646812; PubMed Central PMCID: PMC4315411.

Jazmati N, Hein R, Hamprecht A. Use of an enrichment broth improves the detection of ESBL producing Enterobacteriaceae in clinical stool samples. *J Clin Microbiol*. 2015 Nov 25. pii: JCM.02926-15. [Epub ahead of print] PubMed PMID 26607984.

Jiang B, Himmelsbach K, Ren H, Boller K, Hildt E. Subviral hepatitis B virus filaments are released like infectious viral particles via multivesicular bodies. *J Virol*. 2015 Dec 30. pii: JVI.03109-15. [Epub ahead of print] PubMed PMID 26719264.

Jung N, Lehmann C, Fätkenheuer G. The "Choosing Wisely": initiative in infectious diseases. *Infection*. 2015 Oct 13. [Epub ahead of print] PubMed PMID 26464102.

Jungbauer C, Hourfar MK, Stiasny K, Aberle SW, Cadar D, Schmidt-Chanasit J, Mayr WR. West Nile virus lineage 2 infection in a blood donor from Vienna, Austria, August 2014. *J Clin Virol*. 2015 Mar;64:16-9. doi 10.1016/j.jcv.2015.01.003. Epub 2015 Jan 5. PubMed PMID: 25728073.

Junt T, Barchet W. Translating nucleic acid-sensing pathways into therapies. *Nat Rev Immunol*. 2015 Sep 15;15(9):529-44. doi: 10.1038/nri3875. Epub 2015 Aug 21. Review. PubMed PMID: 26292638.

Kaasch AJ, Fätkenheuer G, Prinz-Langenohl R, Paulus U, Hellmich M, Weiß V, Jung N, Rieg S, Kern WV, Seifert H; SABATO trial group (with linked authorship to the individuals in the Acknowledgements section). Early oral switch therapy in low-risk *Staphylococcus aureus* bloodstream infection (SABATO): study protocol for a randomized controlled trial. *Trials*. 2015 Oct 9;16:450. doi 10.1186/s13063-015-0973-x. PubMed PMID: 26452342; PubMed Central PMCID: PMC4600306.

Kaasch AJ, Jung N, Fätkenheuer G, Seifert H. Vancomycin minimum inhibitor concentration in methicillin-susceptible *Staphylococcus aureus* and mortality more than handwashing? *Clin Infect Dis*. 2015 Feb 15;60(4):668. doi 10.1093/cid/ciu874. Epub 2014 Nov 3. PubMed PMID: 25371487.

Kao JH, Jensen DM, Manns MP, Jacobson I, Kumada H, Toyota J, Heo J, Yoffe B, Sievert W, Bessone F, Peng CY, Roberts SK, Lee YJ, Bhore R, Mendez P, Hughes E, Noviello S. Daclatasvir Plus Asunaprevir for HCV Genotype 1b Infection in Patients With or Without Compensated Cirrhosis: A Pooled Analysis. *Liver Int*. 2015 Dec 18. doi: 10.1111/liv.13049. [Epub ahead of print] PubMed PMID: 26683763.

Karch A, Hermann P, Ponto C, Schmitz M, Arora A, Zafar S, Llorens F, Müller-Heine A, Zerr I. Cerebrospinal fluid tau levels are a marker for molecular subtype in sporadic Creutzfeldt-Jakob disease. *Neurobiol Aging*. 2015 May;36(5):1964-8. doi: 10.1016/j.neurobiolaging.2015.01.021. Epub 2015 Feb 7. PubMed PMID: 25749129.

Karimova M, Beschorner N, Dammermann W, Chemnitz J, Indenbirken D, Bockmann JH, Grundhoff A, Lüth S, Buchholz F, Schulze zur Wiesch J, Hauber J. CRISPR/Cas9 nickase-mediated disruption of hepatitis B virus open reading frame S and X. *Sci Rep.* 2015 Sep 3;5:13734. doi: 10.1038/srep13734. PubMed PMID: 26334116; PubMe Central PMCID: PMC4558539.

Kati S, Hage E, Mynarek M, Ganzenmueller T, Indenbirken D, Grundhoff A, Schulz TF. Generation of high-titre virus stocks using BrK.219, a B-cell line infected stably with recombinant Kaposi's sarcoma-associated herpesvirus. *J Viro Methods.* 2015 Jun 1;217:79-86. doi: 10.1016/j.jviromet.2015.02.022. Epub 2015 Feb 28. PubMed PMID: 25736227.

Keller B, Mühlenkamp M, Deuschle E, Siegfried A, Mössner S, Schade J, Griesinger T, Katava N, Braunsdorf C, Fehrenbacher B, Jiménez-Soto LF, Schalle M, Haas R, Genth H, Retta SF, Meyer H, Böttcher RT, Zent R, Schütz M, Autenrieth IB, Bohn E. *Yersinia enterocolitica* exploits different pathways to accomplish adhesion and toxin injection into host cells. *Cell Microbiol.* 2015 Aug;17(8):1179-204. doi: 10.1111/cmi.12429. Epub 2015 Mar 20. PubMed PMID 25678064.

Keller L, Plaza A, Dubiella C, Groll M, Kaiser M, Müller R. Macyranonone Structure, Biosynthesis, and Binding Mode of an Unprecedented Epoxyketone that Targets the 20S Proteasome. *J Am Chem Soc.* 2015 Jul 1;137(25):8121-30. doi: 10.1021/jacs.5b03833. Epub 2015 Jun 17. PubMed PMID: 26050527.

Kern B, Jain U, Utsch C, Otto A, Busch B, Jiménez-Soto L, Becher D, Haas R. Characterization of *Helicobacter pylori* VacA-containing vacuoles (VcVs), Vac intracellular trafficking and interference with calcium signalling in lymphocytes. *Cell Microbiol.* 2015 Dec;17(12):1811-32. doi: 10.1111/cmi.12474 Epub 2015 Jul 16. PubMed PMID: 26078003.

Kieser A, Sterz KR. The Latent Membrane Protein 1 (LMP1). *Curr Top Microbiol Immunol.* 2015;391:119-49. doi: 10.1007/978-3-319-22834-1_4. Review. PubMed PMID: 26428373.

Kling A, Lukat P, Almeida DV, Bauer A, Fontaine E, Sordello S, Zaburannyi N, Herrmann J, Wenzel SC, König C, Ammerman NC, Barrio MB, Borchers K, Bordon-Pallier F, Brönstrup M, Courtemanche G, Gerlitz M, Geslin M, Hamann P, Heinz DW, Hoffmann H, Klieber S, Kohlmann M, Kurz M, Lair C, Matter H, Nuermberger E, Tyagi S, Fraisse L, Grosset JH, Lagrange S, Müller R. Antibiotics Targeting DnaN for tuberculosis therapy using novel griselimycins. *Science.* 2015 Jun 5;348(6239):1106-12. doi: 10.1126/science.aaa4690. PubMed PMID: 26045430.

Klintworth A, Nolden T, Westhaus S, Rohrmann K, David S, Manns MP, Finke S, Ciesek S, von Hahn T. Cationic amphiphilic drugs enhance entry of lentiviral particles pseudotyped with rabies virus glycoprotein into non-neuronal cells. *Antiviral Res.* 2015 Dec;124:122-31. doi: 10.1016/j.antiviral.2015.10.017. Epub 2015 Nov 2. PubMed PMID: 26542648.

Knitsch W, Vincent JL, Utzolino S, François B, Dinya T, Dimopoulos G, Özgüneş İ, Valía JC, Eggimann P, León C, Montravers P, Phillips S, Tweddle L, Karas A, Brown M, Cornely OA. A Randomized, Placebo-controlled Trial of Preemptive Antifungal Therapy for the Prevention of Invasive Candidiasis Following Gastrointestinal Surgery for Intra-abdominal Infections. *Clin Infect Dis.* 2015 Dec 1;61(11):1671-8. doi: 10.1093/cid/civ707. Epub 2015 Aug 13. PubMed PMID: 26270686; PubMed Central PMCID: PMC4643488.

Koch K, Koch N, Sandaradura de Silva U, Jung N, Schulze Zur Wiesch J, Fätkenheuer G, Hartmann P, Romerio F, Lehmann C. Increased Frequency of CD49b/LAG-3(+) Type 1 Regulatory T Cells in HIV-Infected Individuals. *AIDS Re Hum Retroviruses.* 2015 Dec;31(12):1238-46. doi: 10.1089/AID.2014.0356. Epub 2015 Aug 24. PubMed PMID: 26192268.

Koehler A, Kolesnikova L, Welzel U, Schudt G, Herwig A, Becker S. A Single Amino Acid Change in the Marburg Virus Matrix Protein VP40 Provides a Replicative Advantage in a Species-Specific Manner. *J Virol*. 2015 Nov 18;90(3):1444-54. doi: 10.1128/JVI.02670-15. PubMed PMID: 26581998.

Kohlmann F, Shima K, Hilgenfeld R, Solbach W, Rupp J, Hansen G. Structural basis of the proteolytic and chaperone activity of *Chlamydia trachomatis* CT441. *Bacteriol*. 2015 Jan 1;197(1):211-8. doi: 10.1128/JB.02140-14. Epub 2014 Oct 27 PubMed PMID: 25349155; PubMed Central PMCID: PMC4288681.

Kokordelis P, Krämer B, Boesecke C, Voigt E, Ingiliz P, Glässner A, Wolte F, Sraassburg CP, Spengler U, Rockstroh JK, Nattermann J. CD3(+)CD56(+) Natural Killer-Like T Cells Display Anti-HCV Activity but Are Functionally Impaired in HIV(+) Patients With Acute Hepatitis C. *J Acquir Immune Defic Syndr*. 2015 Dec 1;70(4):338-46. doi: 10.1097/QAI.0000000000000793. PubMed PMID: 26509931.

Koutsoudakis G, Romero-Brey I, Berger C, Pérez-Vilaró G, Monteiro Perin P, Vondran FW, Kalesse M, Harmrolfs K, Müller R, Martinez JP, Pietschmann T, Bartenschlager R, Brönstrup M, Meyerhans A, Díez J. Sorafenib: A broad-spectrum antiviral natural product with potent anti-hepatitis C virus activity. *J Hepatol* 2015 Oct;63(4):813-21. doi: 10.1016/j.jhep.2015.06.002. Epub 2015 Jun 10. PubMed PMID: 26070407.

Koç C, Gerlach D, Beck S, Peschel A, Xia G, Stehle T. Structural and enzymatic analysis of TarM glycosyltransferase from *Staphylococcus aureus* reveal an oligomeric protein specific for the glycosylation of wall teichoic acid. *Biol Chem*. 2015 Apr 10;290(15):9874-85. doi: 10.1074/jbc.M114.619924. Epub 2015 Feb 19. PubMed PMID: 25697358; PubMed Central PMCID: PMC4392284.

Kraef C, Alabi AS, Peters G, Becker K, Kreamsner PG, Rossatanga EG, Mellmann A, Grobusch MP, Zanger P, Schaumburg F. Co-detection of Pantone-Valentine leukocidin encoding genes and cotrimoxazole resistance in *Staphylococcus aureus* in Gabon: implications for HIV-patients' care. *Front Microbiol*. 2015 Feb 5;6:60. doi: 10.3389/fmicb.2015.00060. eCollection 2015. PubMed PMID: 25699036; PubMed Central PMCID: PMC4318419.

Kroidl I, Clowes P, Reither K, Mtafya B, Rojas-Ponce G, Ntinginya EN, Kalom M, Minja LT, Kowuor D, Saathoff E, Kroidl A, Heinrich N, Maboko L, Bates M O'Grady J, Zumla A, Hoelscher M, Rachow A. Performance of urine lipoarabinomannan assays for paediatric tuberculosis in Tanzania. *Eur Respir J*. 2015 Sep;46(3):761-70. doi: 10.1183/09031936.00003315. Epub 2015 Jun 25. PubMed PMID: 26113682.

Krumkamp R, Sarpong N, Schwarz NG, Adlkofer J, Loag W, Eibach D, Hagen RM, Adu-Sarkodie Y, Tannich E, May J. Gastrointestinal infections and diarrhoea disease in Ghanaian infants and children: an outpatient case-control study. *PLoS Negl Trop Dis*. 2015 Mar 4;9(3):e0003568. doi: 10.1371/journal.pntd.0003568 eCollection 2015 Mar. Erratum in: *PLoS Negl Trop Dis*. 2015 Apr;9(4):e0003728 Adlkofer, Julia [corrected to Adlkofer, Julia]. PubMed PMID: 25738935; PubMed Central PMCID: PMC4349824.

Krähling V, Becker D, Rohde C, Eickmann M, Eroğlu Y, Herwig A, Kerber R, Kowalski K, Vergara-Alert J, Becker S; European Mobile Laboratory consortium. Development of an antibody capture ELISA using inactivated Ebola Zaire Makon virus. *Med Microbiol Immunol*. 2015 Oct 16. [Epub ahead of print] PubMed PMID 26475282.

Kucinskaite-Kodze I, Pleckaityte M, Bremer CM, Seiz PL, Zilnyte M, Bulavait A, Mickiene G, Zvirblis G, Sasnauskas K, Glebe D, Zvirbliene A. New broadly reactive neutralizing antibodies against hepatitis B virus surface antigen. *Virus Res*. 2016 Jan 4;211:209-21. doi: 10.1016/j.virusres.2015.10.024. Epub 2015 Nov 2 PubMed PMID: 26541316.

Kuhnert E, Surup F, Wiebach V, Bernecker S, Stadler M. Botryane noreudesmane and abietane terpenoids from the ascomycete *Hypoxyton rickii* Phytochemistry. 2015 Sep;117:116-22. doi: 10.1016/j.phytochem.2015.06.002. Epub 2015 Jun 11. PubMed PMID: 26071840.

Kuhnert E, Surup F, Herrmann J, Huch V, Müller R, Stadler M. Rickenyls A-E, antioxidative terphenyls from the fungus *Hypoxyton rickii* (Xylariaceae Ascomycota). Phytochemistry. 2015 Oct;118:68-73. doi 10.1016/j.phytochem.2015.08.004. Epub 2015 Aug 19. PubMed PMID: 26296745.

Kusov Y, Tan J, Alvarez E, Enjuanes L, Hilgenfeld R. A G-quadruplex-binding macrodomain within the "SARS-unique domain" is essential for the activity of the SARS-coronavirus replication-transcription complex. Virology. 2015 Oct;484:313-22. doi: 10.1016/j.virol.2015.06.016. Epub 2015 Jul 3. PubMed PMID 26149721; PubMed Central PMCID: PMC4567502.

König R, Stertz S. Recent strategies and progress in identifying host factors involved in virus replication. Curr Opin Microbiol. 2015 Aug;26:79-88 doi: 10.1016/j.mib.2015.06.001. Epub 2015 Jun 23. Review. PubMed PMID: 26112615.

Lacroix C, George S, Leyssen P, Hilgenfeld R, Neyts J. The enterovirus 3 protease inhibitor SG85 efficiently blocks rhinovirus replication and is not cross-resistant with rupintrivir. Antimicrob Agents Chemother. 2015 Sep;59(9):5814-8. doi: 10.1128/AAC.00534-15. Epub 2015 Jun 8. PubMed PMID 26055377; PubMed Central PMCID: PMC4538484.

Langhans B, Alwan AW, Krämer B, Glässner A, Lutz P, Strassburg CP, Nattermann J, Spengler U. Regulatory CD4+ T cells modulate the interaction between NK cells and hepatic stellate cells by acting on either cell type. Hepatol. 2015 Feb;62(2):398-404. doi: 10.1016/j.jhep.2014.08.038. Epub 2014 Sep 6. PubMed PMID: 25195554.

Lauber C, Vieyres G, Terczyńska-Dyla E, Anggakusuma, Dijkman R, Gad HH, Akhtar H, Geffers R, Vondran FW, Thiel V, Kaderali L, Pietschmann T, Hartmann R. Transcriptome analysis reveals a classical interferon signature induced by IFN λ 4 in human primary cells. Genes Immun. 2015 Sep;16(6):414-21. doi 10.1038/gene.2015.23. Epub 2015 Jun 11. PubMed PMID: 26066369.

Lee JH, Kim NH, Winstel V, Kurokawa K, Larsen J, An JH, Khan A, Seong MY, Lee MJ, Andersen PS, Peschel A, Lee BL. Surface Glycopolymers Are Crucial for In Vitro Anti-Wall Teichoic Acid IgG-Mediated Complement Activation and Opsonophagocytosis of *Staphylococcus aureus*. Infect Immun. 2015 Nov;83(11):4247-55. doi: 10.1128/IAI.00767-15. Epub 2015 Aug 17. PubMed PMID 26283333; PubMed Central PMCID: PMC4598408.

Lehmann M, Bruenahl CA, Addo MM, Becker S, Schmiedel S, Lohse AW, Schramm C, Löwe B. Acute Ebola virus disease patient treatment and health-related quality of life in health care professionals: A controlled study. J Psychosom Res. 2015 Sep 24. pii: S0022-3999(15)00539-5. doi: 10.1016/j.jpsychores.2015.09.002. [Epub ahead of print] PubMed PMID: 26423938.

Lehmann MH, Price PJ, Brandmüller C, Sutter G. Modified Vaccinia virus Ankara but not vaccinia virus induces chemokine expression in cells of the monocyte/macrophage lineage. Virol J. 2015 Feb 12;12:21. doi 10.1186/s12985-015-0252-1. PubMed PMID: 25889495; PubMed Central PMCID: PMC4349667.

Leipoldt F, Zeyhle P, Kulik A, Kalinowski J, Heide L, Kaysser L. Diversity of ABBA Prenyltransferases in Marine *Streptomyces* sp. CNQ-Promiscuous Enzymes for the Biosynthesis of Mixed Terpenoid Compounds. PLoS One. 2015 Dec 14;10(12):e0143237. doi: 10.1371/journal.pone.0143237. eCollection 2015. PubMed PMID: 26659564; PubMed Central PMCID: PMC4684245.

Lemke A, Noriega M, Röske AM, Kemper MJ, Nashan B, Falk CS, Koch M. Renal transplant model for mixed acute humoral and cellular rejection: Weak correlation of serum cytokines/chemokines with intragraft changes. *Transp Immunol.* 2015 Oct;33(2):95-102. doi: 10.1016/j.trim.2015.08.003. Epub 2015 Aug 20. PubMed PMID: 26297861.

Lewis MD, Behrends J, Sá E Cunha C, Mendes AM, Lasitschka F, Sattler JM, Heiss K, Kooij TW, Prudêncio M, Bringmann G, Frischknecht F, Mueller AK. Chemically mediated attenuation of Plasmodium in the liver modulates severe malaria disease progression. *J Immunol.* 2015 May 15;194(10):4860-70. doi: 10.4049/jimmunol.1400863. Epub 2015 Apr 10. PubMed PMID: 25862814.

Li H, Limenitakis JP, Fuhrer T, Geuking MB, Lawson MA, Wyss M, Brugiroux S, Keller I, Macpherson JA, Rupp S, Stolp B, Stein JV, Stecher B, Sauer U, McCoy KD, Macpherson AJ. The outer mucus layer hosts a distinct intestinal microbial niche. *Nat Commun.* 2015 Sep 22;6:8292. doi: 10.1038/ncomms9292. PubMed PMID: 26392213; PubMed Central PMCID: PMC4595636.

Li X, Gerlach D, Du X, Larsen J, Stegger M, Kühner P, Peschel A, Xia G, Winstel V. An accessory wall teichoic acid glycosyltransferase protects Staphylococcus aureus from the lytic activity of Podoviridae. *Sci Rep.* 2015 Nov 24;5:17219. doi: 10.1038/srep17219. PubMed PMID: 26596631; PubMed Central PMCID: PMC4667565.

Ling LL, Schneider T, Peoples AJ, Spoering AL, Engels I, Conlon BP, Mueller A, Schäberle TF, Hughes DE, Epstein S, Jones M, Lazarides L, Steadman VA, Cohen DR, Felix CR, Fetterman KA, Millett WP, Nitti AG, Zullo AM, Chen C, Lewis K. New antibiotic kills pathogens without detectable resistance. *Nature.* 2015 Jan 22;517(7535):455-9. doi: 10.1038/nature14098. Epub 2015 Jan 7. Erratum in *Nature.* 2015 Apr 16;520(7547):388. PubMed PMID: 25561178.

Liss B, Cornely OA, Hoffmann D, Dimitriou V, Wisplinghoff H. 1,3-β-D-glucan concentrations in blood products predict false positive post-transfusion results. *Mycoses.* 2016 Jan;59(1):39-42. doi: 10.1111/myc.12432. Epub 2015 Nov 18. PubMed PMID: 26576502.

Liss B, Vehreschild JJ, Bangard C, Maintz D, Frank K, Grönke S, Michels G, Hamprecht A, Wisplinghoff H, Markiefka B, Hekmat K, Vehreschild MJ, Cornely OA. Our 2015 approach to invasive pulmonary aspergillosis. *Mycoses.* 2015 Jun;58(6):375-82. doi: 10.1111/myc.12319. Epub 2015 Mar 24. PubMed PMID: 25808916.

Liss B, Cornely OA, Hoffmann D, Dimitriou V, Wisplinghoff H. 1,3-β-d-Glucan contamination of common antimicrobials. *J Antimicrob Chemother.* 2015 Dec 13. pii: dkv419. [Epub ahead of print] PubMed PMID: 26668235.

Ludlow M, Kortekaas J, Herden C, Hoffmann B, Tappe D, Trebst C, Griffin DE, Brindle HE, Solomon T, Brown AS, van Riel D, Wolthers KC, Pajkrt D, Wohlsein P, Martina BE, Baumgärtner W, Verjans GM, Osterhaus AD. Neurotropic virus infection as the cause of immediate and delayed neuropathology. *Acta Neuropathol.* 2015 Feb;131(2):159-84. doi: 10.1007/s00401-015-1511-3. Epub 2015 Dec 10. PubMed PMID: 26659576; PubMed Central PMCID: PMC4713712.

Lüdtke A, Oestereich L, Ruibal P, Wurr S, Pallasch E, Bockholt S, Ip WH, Rieger T, Gómez-Medina S, Stocking C, Rodríguez E, Günther S, Muñoz-Fontela C. Ebola virus disease in mice with transplanted human hematopoietic stem cells. *Virology.* 2015 Apr;89(8):4700-4. doi: 10.1016/j.virol.2015.03.014. Epub 2015 Feb 11. PubMed PMID: 25673711; PubMed Central PMCID: PMC4442348.

Maasoumy B, Wiegand SB, Jaroszewicz J, Bremer B, Lehmann P, Deterding K, Taranta A, Manns MP, Wedemeyer H, Glebe D, Cornberg M. Hepatitis B core-antigen (HBcrAg) levels in the natural history of hepatitis B virus infection in a large European cohort predominantly infected with genotypes A and D. *Clin Microbiol Infect.* 2015 Jun;21(6):606.e1-606.e10. doi: 10.1016/j.cmi.2015.02.010. Epub 2015 Feb 17. PubMed PMID: 25700889.

Madelain V, Oestereich L, Graw F, Nguyen TH, de Lamballerie X, Mentré F, Günther S, Guedj J. Ebola virus dynamics in mice treated with favipiravir. *Antiviral Res.* 2015 Nov;123:70-7. doi: 10.1016/j.antiviral.2015.08.015. Epub 2015 Sep 2. PubMed PMID: 26343011.

Mader J, Gallo A, Schommartz T, Handke W, Nagel CH, Günther P, Brune W, Reich K. Calcium spirulan derived from *Spirulina platensis* inhibits herpes simplex virus 1 attachment to human keratinocytes and protects against herpes labialis. *J Allergy Clin Immunol.* 2016 Jan;137(1):197-203.e3. doi: 10.1016/j.jaci.2015.07.027. Epub 2015 Sep 2. PubMed PMID: 26341274.

Maertens JA, Raad II, Marr KA, Patterson TF, Kontoyiannis DP, Cornely OA, Bow EJ, Rahav G, Neofytos D, Aoun M, Baddley JW, Giladi M, Heinz WJ, Herbrecht R, Hope W, Karthaus M, Lee DG, Lortholary O, Morrison VA, Oren I, Selleslag D, Shoham S, Thompson GR 3rd, Lee M, Maher RM, Schmitt-Hoffmann AH, Zeiler B, Ullmann AJ. Isavuconazole versus voriconazole for primary treatment of invasive mould disease caused by *Aspergillus* and other filamentous fungi (SECURE): a phase 3, randomised-controlled, non-inferiority trial. *Lancet.* 2015 Dec 9. pii: S0140-6736(15)01159-9. doi: 10.1016/S0140-6736(15)01159-9. [Epub ahead of print] PubMed PMID: 26684607.

Maier IL, Karch A, Mikolajczyk R, Bähr M, Liman J. Effect of beta-blocker therapy on the risk of infections and death after acute stroke--a historical cohort study. *PLoS One.* 2015 Feb 2;10(2):e0116836. doi: 10.1371/journal.pone.0116836. eCollection 2015. Erratum in: *PLoS One* 2015;10(3):e0121940. PubMed PMID: 25643360; PubMed Central PMCID: PMC4314079.

Malczyk AH, Kupke A, Prüfer S, Scheuplein VA, Hutzler S, Kreuz D, Beisser T, Bauer S, Hubich-Rau S, Tondera C, Eldin HS, Schmidt J, Vergara-Alert J, Süzer Y, Seifried J, Hanschmann KM, Kalinke U, Herold S, Sahin U, Cichutek K, Waible Z, Eickmann M, Becker S, Mühlebach MD. A Highly Immunogenic and Protective Middle East Respiratory Syndrome Coronavirus Vaccine Based on a Recombinant Measle Virus Vaccine Platform. *J Virol.* 2015 Nov;89(22):11654-67. doi: 10.1128/JVI.01815-15. Epub 2015 Sep 9. PubMed PMID: 26355094; PubMed Central PMCID: PMC4645655.

Medema MH, Kottmann R, Yilmaz P, Cummings M, Biggins JB, Blin K, de Bruij I, Chooi YH, Claesen J, Coates RC, Cruz-Morales P, Duddela S, Düsterhus S, Edwards DJ, Fewer DP, Garg N, Geiger C, Gomez-Escribano JP, Greule A, Hadjithoma M, Haines AS, Helfrich EJ, Hillwig ML, Ishida K, Jones AC, Jones CS, Jungmann K, Kegler C, Kim HU, Kötter P, Krug D, Masschelein J, Melnik AV, Mantovani SM, Monroe EA, Moore M, Moss N, Nützmann HW, Pan G, Pati A, Petras D, Reen FJ, Rosconi F, Rui Z, Tian Z, Tobias NJ, Tsunematsu Y, Wiemann P, Wyckoff E, Yan X, Yim G, Yu F, Xie Y, Aigle B, Apel AK, Balibar CJ, Balskus EP, Barona-Gómez F, Bechthold A, Bode HB, Borriss R, Brady SF, Brakhage AA, Caffrey P, Cheng YQ, Clardy J, Cox RJ, De Mot R, Donadio S, Donia MS, van der Donk WA, Dorrestein PC, Doyle S, Driessen AJ, Ehling-Schulz M, Entian KD, Fischbach MA, Gerwick L, Gerwick WH, Gross H, Gust B, Hertweck C, Höfte M, Jensen SE, Ju J, Katz L, Kayser L, Klassen JL, Keller NP, Kormanec J, Kuipers OP, Kuzuyama T, Kyrpide NC, Kwon HJ, Lautru S, Lavigne R, Lee CY, Linquan B, Liu X, Liu W, Luzhetskyy A, Mahmud T, Mast Y, Méndez C, Metsä-Ketelä M, Micklefield J, Mitchell DA, Moore BS, Moreira LM, Müller R, Neilan BA, Nett M, Nielsen J, O'Gara F, Oikawa H, Osburn A, Osburne MS, Ostash B, Payne SM, Pernodet JL, Petricek M, Piel J, Ploux O, Raaijmakers JM, Salas JA, Schmitt EK, Scott B, Seipke RF, Shen B, Sherman

DH Sivonen K, Smanski MJ, Sosio M, Stegmann E, Süßmuth RD, Tahlan K, Thomas CM Tang Y, Truman AW, Viaud M, Walton JD, Walsh CT, Weber T, van Wezel GP, Wilkinso B, Willey JM, Wohlleben W, Wright GD, Ziemert N, Zhang C, Zotchev SB, Breitlin R, Takano E, Glöckner FO. Minimum Information about a Biosynthetic Gene cluster. *Nat Chem Biol*. 2015 Sep;11(9):625-31. doi: 10.1038/nchembio.1890. PubMed PMID 26284661.

Mingozzi F, Büning H. Adeno-Associated Viral Vectors at the Frontier between Tolerance and Immunity. *Front Immunol*. 2015 Mar 17;6:120. doi 10.3389/fimmu.2015.00120. eCollection 2015. PubMed PMID: 25852689; PubMed Centra PMID: PMC4362342.

Mock U, Machowicz R, Hauber I, Horn S, Abramowski P, Berdien B, Hauber J Fehse B. mRNA transfection of a novel TAL effector nuclease (TALEN) facilitate efficient knockout of HIV co-receptor CCR5. *Nucleic Acids Res*. 2015 Jun 23;43(11):5560-71. doi: 10.1093/nar/gkv469. Epub 2015 May 11. PubMed PMID 25964300; PubMed Central PMID: PMC4477672.

Mohr KI, Volz C, Jansen R, Wray V, Hoffmann J, Bernecker S, Wink J, Gerth K Stadler M, Müller R. Pinensins: the first antifungal lantibiotics. *Angew Chem Int Ed Engl*. 2015 Sep 14;54(38):11254-8. doi: 10.1002/anie.201500927. Epub 2015 Jun 24. PubMed PMID: 26211520.

Mohr R, Schierwagen R, Schwarze-Zander C, Boesecke C, Wasmuth JC, Trebick J, Rockstroh JK. Liver Fibrosis in HIV Patients Receiving a Modern cART: Which Factors Play a Role? *Medicine (Baltimore)*. 2015 Dec;94(50):e2127. doi 10.1097/MD.0000000000002127. PubMed PMID: 26683921.

Monjarás Ferial JV, Lefebvre MD, Stierhof YD, Galán JE, Wagner S. Role of autocleavage in the function of a type III secretion specificity switch protein in *Salmonella enterica* serovar Typhimurium. *MBio*. 2015 Oct 13;6(5):e01459-15 doi: 10.1128/mBio.01459-15. PubMed PMID: 26463164; PubMed Central PMID: PMC4620466.

Mshana SE, Fritzenwanker M, Falgenhauer L, Domann E, Hain T, Chakraborty T, Imirzalioglu C. Molecular epidemiology and characterization of an outbreak causing *Klebsiella pneumoniae* clone carrying chromosomally located bla(CTX-M-15) at a German University-Hospital. *BMC Microbiol*. 2015 Jun 17;15:122. doi 10.1186/s12866-015-0460-2. PubMed PMID: 26077154; PubMed Central PMID: PMC4469578.

Mueller S, Huard J, Waldow K, Huang X, D'Alessandro LA, Bohl S, Börner K Grimm D, Klamt S, Klingmüller U, Schilling M. T160-phosphorylated CDK2 define threshold for HGF-dependent proliferation in primary hepatocytes. *Mol Syst Biol*. 2015 Mar 14;11(1):795. doi: 10.15252/msb.20156032. PubMed PMID: 25771250; PubMed Central PMID: PMC4380929.

Munseri PJ, Kroidl A, Nilsson C, Joachim A, Geldmacher C, Mann P, Moshiri C Aboud S, Lyamuya E, Maboko L, Missanga M, Kaluwa B, Mfinanga S, Podola L, Baue A, Godoy-Ramirez K, Marovich M, Moss B, Hoelscher M, Gotch F, Stöhr W, Stout R McCormack S, Wahren B, Mhalu F, Robb ML, Biberfeld G, Sandström E, Bakari M Priming with a simplified intradermal HIV-1 DNA vaccine regimen followed by boosting with recombinant HIV-1 MVA vaccine is safe and immunogenic: a phase IIa randomized clinical trial. *PLoS One*. 2015 Apr 15;10(4):e0119629. doi 10.1371/journal.pone.0119629. eCollection 2015. PubMed PMID: 25875843; PubMed Central PMID: PMC4398367.

Murray JM, Stancevic O, Lütgehetmann M, Wursthorn K, Petersen J, Dandri M Variability in long-term hepatitis B virus dynamics under antiviral therapy. *Theor Biol*. 2016 Feb 21;391:74-80. doi: 10.1016/j.jtbi.2015.12.005. Epub 2015 Dec 23. PubMed PMID: 26723531.

Muth D, Corman VM, Meyer B, Assiri A, Al-Masri M, Farah M, Steinhagen K, Lattwein E, Al-Tawfiq JA, Albarrak A, Müller MA, Drosten C, Memish ZA. Infectious Middle East Respiratory Syndrome Coronavirus Excretion and Serotype Variability Based on Live Virus Isolates from Patients in Saudi Arabia. *J Clin Microbiol* 2015 Sep;53(9):2951-5. doi: 10.1128/JCM.01368-15. Epub 2015 Jul 8. PubMed PMID 26157150; PubMed Central PMCID: PMC4540943.

Mutters NT, Mischnik A. [Vancomycin-resistant enterococci: increase mortality with tigecycline?]. *Dtsch Med Wochenschr*. 2015 May;140(11):784. doi 10.1055/s-0041-102303. Epub 2015 May 28. German. PubMed PMID: 26080712.

Mutters NT, Werner G, Tacconelli E, Mischnik A. [Treatment options for serious infections caused by vancomycin-resistant enterococci]. *Dtsch Med Wochenschr*. 2015 Jan;140(1):42-5. doi: 10.1055/s-0040-100428. Epub 2015 Jan 12 Review. German. PubMed PMID: 25580973.

Münch D, Engels I, Müller A, Reder-Christ K, Falkenstein-Paul H, Bierbaum G, Grein F, Bendas G, Sahl HG, Schneider T. Structural variations of the cell wall precursor lipid II and their influence on binding and activity of the lipoglycopeptide antibiotic oritavancin. *Antimicrob Agents Chemother*. 2014 Feb;59(2):772-81. doi: 10.1128/AAC.02663-14. Epub 2014 Nov 17. PubMed PMID 25403671; PubMed Central PMCID: PMC4335874.

Münch RC, Muth A, Muik A, Friedel T, Schmatz J, Dreier B, Trkola A, Plückthun A, Büning H, Buchholz CJ. Off-target-free gene delivery by affinity-purified receptor-targeted viral vectors. *Nat Commun*. 2015 Feb 10;6:6246. doi: 10.1038/ncomms7246. PubMed PMID: 25665714.

Nadmid S, Plaza A, Garcia R, Müller R. Cystochromones, Unusual Chromone-Containing Polyketides from the Myxobacterium *Cystobacter* sp. MCy9104. *Nat Prod*. 2015 Aug 28;78(8):2023-8. doi: 10.1021/acs.jnatprod.5b00343. Epub 2015 Jul 27. PubMed PMID: 26214047.

Nedialkova LP, Sidstedt M, Koepfel MB, Spriewald S, Ring D, Gerlach RG, Bossi L, Stecher B. Temperate phages promote colicin-dependent fitness of *Salmonella enterica* serovar Typhimurium. *Environ Microbiol*. 2015 Oct 6. doi 10.1111/1462-2920.13077. [Epub ahead of print] PubMed PMID: 26439675.

Nell S, Kennemann L, Schwarz S, Josenhans C, Suerbaum S. Erratum for Nell et al., Dynamics of Lewis b Binding and Sequence Variation of the babA Adhesion Gene during Chronic *Helicobacter pylori* Infection in Humans. *MBio*. 2015 Sep 15;6(5):e012233-15. doi: 10.1128/mBio.012233-15. PubMed PMID: 26374120; PubMed Central PMCID: PMC4600109.

Niedermeyer TH. Anti-infective Natural Products from Cyanobacteria. *Plant Med*. 2015 Oct;81(15):1309-25. doi: 10.1055/s-0035-1546055. Epub 2015 Jun 17 PubMed PMID: 26085049.

Nielsen MV, Amemasa S, Agyekum A, Loag W, Marks F, Sarpong N, Dekker D, Adu-Sarkodie Y, May J. Clinical indicators for bacterial co-infection in Ghanaian children with *P. falciparum* infection. *PLoS One*. 2015 Apr 9;10(4):e0122139. doi: 10.1371/journal.pone.0122139. eCollection 2015. PubMed PMID: 25856341; PubMed Central PMCID: PMC4391931.

Olaru ID, Lange C, Heyckendorf J. Personalized medicine for patients with MDR-TB. *J Antimicrob Chemother*. 2015 Oct 27. pii: dkv354. [Epub ahead of print] Review. PubMed PMID: 26507429.

Olaru ID, Lange C, Sester M. Revisiting Healthcare Workers as a Risk Group for Progression toward Tuberculosis. *Am J Respir Crit Care Med*. 2015 Oct 15;192(8):1021-2. doi: 10.1164/rccm.201506-1192LE. PubMed PMID: 26469848.

Olaru ID, Rachow A, Lange C, Ntinginya NE, Reither K, Hoelscher M, Vollrath O, Niemann S. Ascertaining in vivo virulence of Mycobacterium tuberculosis lineages in patients in Mbeya, Tanzania. *Int J Tuberc Lung Dis.* 2011 Jan;19(1):70-3. doi: 10.5588/ijtld.14.0403. PubMed PMID: 25519793.

Olaru ID, von Groote-Bidlingmaier F, Heyckendorf J, Yew WW, Lange C, Chan KC. Novel drugs against tuberculosis: a clinician's perspective. *Eur Respir J* 2015 Apr;45(4):1119-31. doi: 10.1183/09031936.00162314. Epub 2014 Nov 27. Review PubMed PMID: 25431273.

Olleros ML, Chavez-Galan L, Segueni N, Bourigault ML, Vesin D, Kruglov AA, Drutskaya MS, Bisig R, Ehlers S, Aly S, Walter K, Kuprash DV, Chouchkova M, Kozlov SV, Erard F, Ryffel B, Quesniaux VF, Nedospasov SA, Garcia I. Control of Mycobacterial Infections in Mice Expressing Human Tumor Necrosis Factor (TNF) but Not Mouse TNF. *Infect Immun.* 2015 Sep;83(9):3612-23. doi: 10.1128/IAI.00743-15 Epub 2015 Jun 29. PubMed PMID: 26123801; PubMed Central PMCID: PMC4534677.

Oumouna M, Weitnauer M, Mijošek V, Schmidt LM, Eigenbrod T, Dalpke AH. Cell-contact dependent inhibition of monocytes by airway epithelial cells: a reversion by infection with Respiratory Syncytial Virus. *Immunobiology.* 2011 Nov;220(11):1240-5. doi: 10.1016/j.imbio.2015.06.017. Epub 2015 Jun 27. PubMed PMID: 26153873.

Overmann J. Significance and future role of microbial resource centers. *Sys Appl Microbiol.* 2015 Jun;38(4):258-65. doi: 10.1016/j.syapm.2015.02.008. Epub 2015 Mar 24. Review. PubMed PMID: 25883055.

Owusu Sekyere S, Suneetha PV, Hardtke S, Falk CS, Hengst J, Manns MP, Cornberg M, Wedemeyer H, Schlaphoff V. Type I Interferon Elevates Co-Regulator Receptor Expression on CMV- and EBV-Specific CD8 T Cells in Chronic Hepatitis C. *Front Immunol.* 2015 Jun 10;6:270. doi: 10.3389/fimmu.2015.00270. eCollection 2015. PubMed PMID: 26113847; PubMed Central PMCID: PMC4462106.

Pache L, Dutra MS, Spivak AM, Marlett JM, Murry JP, Hwang Y, Maestre AM, Manganaro L, Vamos M, Teriete P, Martins LJ, König R, Simon V, Bosque A, Fernandez-Sesma A, Cosford ND, Bushman FD, Young JA, Planelles V, Chanda SK. BIRC2/cIAP1 Is a Negative Regulator of HIV-1 Transcription and Can Be Targeted by Smac Mimetics to Promote Reversal of Viral Latency. *Cell Host Microbe.* 2015 Sep 9;18(3):345-53. doi: 10.1016/j.chom.2015.08.009. PubMed PMID: 26355217; PubMed Central PMCID: PMC4617541.

Parida SK, Poiret T, Zhenjiang L, Meng Q, Heyckendorf J, Lange C, Ambati AS, Rao MV, Valentini D, Ferrara G, Rangelova E, Dodoo E, Zumla A, Maeurer M. T-Cell Therapy: Options for Infectious Diseases. *Clin Infect Dis.* 2015 Oct 15;61Suppl 3:S217-24. doi: 10.1093/cid/civ615. PubMed PMID: 26409284; PubMed Central PMCID: PMC4583575.

Pas SD, Patel P, Reusken C, Domingo C, Corman VM, Drosten C, Dijkman R, Thiel V, Nowotny N, Koopmans MP, Niedrig M. First international external quality assessment of molecular diagnostics for Mers-CoV. *J Clin Virol.* 2015 Aug;69:81-5. doi: 10.1016/j.jcv.2015.05.022. Epub 2015 May 30. PubMed PMID: 26209385.

Peiffer KH, Akhras S, Himmelsbach K, Hassemer M, Finkernagel M, Carra G, Nuebling M, Chudy M, Niekamp H, Glebe D, Sarrazin C, Zeuzem S, Hildt E. Intracellular accumulation of subviral HBsAg particles and diminished Nrf activation in HBV genotype G expressing cells lead to an increased ROI level. *Hepatol.* 2015 Apr;62(4):791-8. doi: 10.1016/j.jhep.2014.11.028. Epub 2014 Nov 28. PubMed PMID: 25445396.

Peter J, Theron G, Chanda D, Clowes P, Rachow A, Lesosky M, Hoelscher M, Mwaba P, Pym A, Dheda K; TB-NEAT team. Test characteristics and potential impact of the urine LAM lateral flow assay in HIV-infected outpatients under investigation for TB and able to self-expectorate sputum for diagnostic testing. *BMC Infect Dis*. 2015 Jul 9;15:262. doi: 10.1186/s12879-015-0967-z. PubMed PMID 26156025; PubMed Central PMCID: PMC4495934.

Pfeil J, Borrmann S, Bassat Q, Mulenga M, Talisuna A, Tozan Y. An Economic Evaluation of the Posttreatment Prophylactic Effect of Dihydroartemisinin-Piperaquine Versus Artemether-Lumefantrine for First-Line Treatment of *Plasmodium falciparum* Malaria Across Different Transmission Settings in Africa. *Am J Trop Med Hyg*. 2015 Nov 4;93(5):961-6. doi: 10.4269/ajtmh.15-0162 Epub 2015 Aug 3. PubMed PMID: 26240155; PubMed Central PMCID: PMC4703290.

Pfeil J, Heine JF, Mueller AK. Addition of histamine to subcutaneously injected *Plasmodium berghei* sporozoites increases the parasite liver load and could facilitate whole-parasite vaccination. *Malar J*. 2015 Jan 28;14:36. doi: 10.1186/s12936-015-0552-3. PubMed PMID: 25627880; PubMed Central PMCID: PMC4318155.

Pietsch M, Eller C, Wendt C, Holfelder M, Falgenhauer L, Fruth A, Grössl T, Leistner R, Valenza G, Werner G, Pfeifer Y; RESET Study Group. Molecular characterisation of extended-spectrum β -lactamase (ESBL)-producing *Escherichia coli* isolates from hospital and ambulatory patients in Germany. *Vet Microbiol*. 2015 Nov 24. pii: S0378-1135(15)30097-3. doi: 10.1016/j.vetmic.2015.11.028. [Epub ahead of print] PubMed PMID: 26654217.

Pleckaityte M, Bremer CM, Gedvilaite A, Kucinskaite-Kodze I, Glebe D, Zvirbliene A. Construction of polyomavirus-derived pseudotype virus-like particles displaying a functionally active neutralizing antibody against hepatitis B virus surface antigen. *BMC Biotechnol*. 2015 Sep 15;15:85. doi: 10.1186/s12896-015-0203-3. PubMed PMID: 26370129; PubMed Central PMCID: PMC4570255.

Portevin D, Moukambi F, Mpina M, Bauer A, Haraka F, Chachage M, Metzger P, Saathoff E, Clowes P, Ntinginya NE, Rachow A, Hoelscher M, Reither K, Daubenberger CA, Geldmacher C. Maturation and Mip-1 β Production of Cytomegalovirus-Specific T Cell Responses in Tanzanian Children, Adolescents and Adults: Impact by HIV and Mycobacterium tuberculosis Co-Infections. *PLoS One*. 2015 May 14;10(5):e0126716. doi: 10.1371/journal.pone.0126716. eCollection 2015. PubMed PMID: 25974183; PubMed Central PMCID: PMC4431818.

Preisitsch M, Niedermeyer TH, Heiden SE, Neidhardt I, Kumpfmüller J, Wurste M, Harmrolfs K, Wiesner C, Enke H, Müller R, Mundt S. Cyliandrofridins A-C, Linear Cyliandrocyclophane-Related Alkylresorcinols from the Cyanobacterium *Cyliandrospermum stagnale*. *J Nat Prod*. 2016 Jan 22;79(1):106-15. doi: 10.1021/acs.jnatprod.5b00768. Epub 2015 Dec 18. PubMed PMID: 26684177.

Preisitsch M, Harmrolfs K, Pham HT, Heiden SE, Füssel A, Wiesner C, Preisitsch A, Swiatecka-Hagenbruch M, Niedermeyer TH, Müller R, Mundt S. Anti-MRSA-actin carbamidocyclophanes H-L from the Vietnamese cyanobacterium *Nostoc* sp. CAVN2. *Antibiot (Tokyo)*. 2015 Mar;68(3):165-77. doi: 10.1038/ja.2014.118. Epub 2014 Sep 3. Erratum in: *J Antibiot (Tokyo)*. 2015 Sep;68(9):600. PubMed PMID: 25182484.

Protzer U, Böhm F, Longerich T, Seebach J, Heidary Navid M, Friemel J, Marques-Maggio E, Bawohl M, Heikenwalder M, Schirmacher P, Dutkowski P, Clavie PA, Schemmer P, Schnitzler P, Gotthardt D, Müllhaupt B, Weber A. Molecular detection of hepatitis E virus (HEV) in liver biopsies after live transplantation. *Mod Pathol*. 2015 Apr;28(4):523-32. doi: 10.1038/modpathol.2014.147. Epub 2014 Nov 21. PubMed PMID: 25412844.

Raju R, Mohr KI, Bernecker S, Herrmann J, Müller R. Cystodienoic acid: a new diterpene isolated from the myxobacterium *Cystobacter* sp. *J Antibiot* (Tokyo) 2015 Jul;68(7):473-5. doi: 10.1038/ja.2015.8. Epub 2015 Feb 18. PubMed PMID 25690355.

Raju R, Gromyko O, Fedorenko V, Luzketskyy A, Müller R. Albaflavenol B, new sesquiterpene isolated from the terrestrial actinomycete, *Streptomyces* sp. *J Antibiot* (Tokyo). 2015 Apr;68(4):286-8. doi: 10.1038/ja.2014.138. Epub 2014 Oct 1. PubMed PMID: 25269463.

Rancan C, Schirrmann L, Hüls C, Zeidler R, Moosmann A. Latent Membran Protein LMP2A Impairs Recognition of EBV-Infected Cells by CD8+ T Cells. *PLoS Pathog*. 2015 Jun 11;11(6):e1004906. doi: 10.1371/journal.ppat.1004906 eCollection 2015 Jun. PubMed PMID: 26067064; PubMed Central PMCID: PMC4465838.

Reither K, Manyama C, Clowes P, Rachow A, Mapamba D, Steiner A, Ross A, Mfinanga E, Sasamalo M, Nsubuga M, Aloï F, Cirillo D, Jugheli L, Lwilla F. Xpert MTB/RIF assay for diagnosis of pulmonary tuberculosis in children: a prospective multi-centre evaluation. *J Infect*. 2015 Apr;70(4):392-9. doi: 10.1016/j.jinf.2014.10.003. Epub 2014 Oct 13. PubMed PMID: 25312863.

Riedel T, Bunk B, Wittmann J, Thürmer A, Spröer C, Gronow S, Liesegang H, Daniel R, Overmann J. Complete Genome Sequence of the *Clostridium difficile* Type Strain DSM 1296T. *Genome Announc*. 2015 Oct 8;3(5). pii: e01186-15. doi: 10.1128/genomeA.01186-15. PubMed PMID: 26450746; PubMed Central PMCID: PMC4599105.

Ringelhan M, Protzer U. Oncogenic potential of hepatitis B virus encoded proteins. *Curr Opin Virol*. 2015 Oct;14:109-15. doi: 10.1016/j.coviro.2015.08.015 Epub 2015 Sep 29. Review. PubMed PMID: 26426688.

Ringelhan M, O'Connor T, Protzer U, Heikenwalder M. The direct and indirect roles of HBV in liver cancer: prospective markers for HCC screening and potential therapeutic targets. *J Pathol*. 2015 Jan;235(2):355-67. doi: 10.1002/path.4434 Review. PubMed PMID: 25196558.

Rockstroh JK. Optimal therapy of HIV/HCV co-infected patients with direct acting antivirals. *Liver Int*. 2015 Jan;35 Suppl 1:51-5. doi: 10.1111/liv.12721 Review. PubMed PMID: 25529087.

Rodrigo MB, Schulz S, Krupp V, Ritter M, Wiszniewsky K, Arndts K, Tamadah RS, Endl E, Hoerauf A, Layland LE. Patency of *Litomosoides sigmodontis* infection depends on TLR4 whereas TLR2 signalling influences filarial-specific CD4(+) cell responses. *Immunology*. 2015 Dec 30. doi: 10.1111/imm.12573. [Epub ahead of print] PubMed PMID: 26714796.

Rogalska-Taranta M, Markova AA, Taranta A, Lunemann S, Schlaphoff V, Flisia R, Manns MP, Cornberg M, Kraft AR, Wedemeyer H. Altered effector functions of NK cells in chronic hepatitis C are associated with IFNL3 polymorphism. *J Leuko Biol*. 2015 Aug;98(2):283-94. doi: 10.1189/jlb.4A1014-520R. Epub 2015 Jun 1 PubMed PMID: 26034208.

Rossmann FS, Racek T, Wobser D, Puchalka J, Rabener EM, Reiger M, Hendrickx AP, Diederich AK, Jung K, Klein C, Huebner J. Phage-mediated dispersal of biofilm and distribution of bacterial virulence genes is induced by quorum sensing. *PLoS Pathog*. 2015 Feb 23;11(2):e1004653. doi: 10.1371/journal.ppat.1004653 eCollection 2015 Feb. PubMed PMID: 25706310; PubMed Central PMCID: PMC4338201.

Rossmann FS, Laverde D, Kropec A, Romero-Saavedra F, Meyer-Buehn M, Huebner J. Isolation of highly active monoclonal antibodies against multiresistant gram-positive bacteria. *PLoS One*. 2015 Feb 23;10(2):e0118405. doi 10.1371/journal.pone.0118405. eCollection 2015. PubMed PMID: 25706415; PubMe Central PMCID: PMC4338075.

Rowley D, Święcki P, Firlag-Burkacka E, Sabin C, Kümmerle T, Surah S, Sadlier C, O'Dea S, Horban A, Fätkenheuer G, Mulcahy F. Clinical and epidemiological characteristics of patients with early syphilis from three academic centres in Poland, Germany and Ireland: initial findings from the POETS study. *Sex Transm Infect*. 2015 Sep;91(6):389-94. doi 10.1136/sextrans-2014-051844. Epub 2015 Mar 5. PubMed PMID: 25742696.

Rückert C, Leipoldt F, Zeyhle P, Fenical W, Jensen PR, Kalinowski J, Heid L, Kaysser L. Complete genome sequence of *Streptomyces* sp. CNQ-509, a prolific producer of meroterpenoid chemistry. *J Biotechnol*. 2015 Dec 20;216:140-1. doi 10.1016/j.jbiotec.2015.08.009. Epub 2015 Aug 28. PubMed PMID: 26319318.

Sagara I, Beavogui AH, Zongo I, Soulama I, Borghini-Fuhrer I, Fofana B, Camara D, Somé AF, Coulibaly AS, Traore OB, Dara N, Kabore MJ, Thera I, Compaore YD, Sylla MM, Nikiema F, Diallo MS, Dicko A, Gil JP, Borrmann S, Duparc S, Mille RM, Doumbo OK, Shin J, Bjorkman A, Ouedraogo JB, Sirima SB, Djimdé AA. Safety and efficacy of re-treatments with pyronaridine-artesunate in African patients with malaria: a substudy of the WANECAM randomised trial. *Lancet Infect Dis*. 2015 Oct 21. pii: S1473-3099(15)00318-7. doi: 10.1016/S1473-3099(15)00318-7. [Epub ahead of print] PubMed PMID: 26601738.

Sahner JH, Sucipto H, Wenzel SC, Groh M, Hartmann RW, Müller R. Advanced mutasynthesis studies on the natural α -pyrone antibiotic myxopyronin from *Myxococcus fulvus*. *Chembiochem*. 2015 Apr 13;16(6):946-53. doi 10.1002/cbic.201402666. Epub 2015 Mar 10. PubMed PMID: 25757034.

Sarkar A, Möller S, Bhattacharyya A, Behnen M, Rupp J, van Zandbergen G, Solbach W, Laskay T. Mechanisms of apoptosis inhibition in *Chlamydia pneumoniae*-infected neutrophils. *Int J Med Microbiol*. 2015 Sep;305(6):493-500. doi: 10.1016/j.ijmm.2015.04.006. Epub 2015 May 8. PubMed PMID: 26005182.

Sarpong N, Owusu-Dabo E, Kreuels B, Fobil JN, Segbaya S, Amoyaw F, Hahn A, Kruppa T, May J. Prevalence of malaria parasitaemia in school children from two districts of Ghana earmarked for indoor residual spraying: a cross-sectional study. *Malar J*. 2015 Jun 25;14:260. doi: 10.1186/s12936-015-0772-6. PubMed PMID: 26109461; PubMed Central PMCID: PMC4479317.

Schafhauser T, Wibberg D, Rückert C, Winkler A, Flor L, van Pée KH, Fewe DP, Sivonen K, Jahn L, Ludwig-Müller J, Caradec T, Jacques P, Huijbers MM, van Berkel WJ, Weber T, Wohlleben W, Kalinowski J. Draft genome sequence of *Talaromyces islandicus* ("Penicillium islandicum") WF-38-12, a neglected mold with significant biotechnological potential. *J Biotechnol*. 2015 Oct 10;211:101-2. doi 10.1016/j.jbiotec.2015.07.004. Epub 2015 Jul 18. PubMed PMID: 26197417.

Schaumburg F, Alabi AS, Kaba H, Lell B, Becker K, Grobusch MP, Kremsner PG, Mellmann A. Molecular characterization of *Shigella* spp. from patients in Gabon 2011-2013. *Trans R Soc Trop Med Hyg*. 2015 Apr;109(4):275-9. doi 10.1093/trstmh/tru175. Epub 2014 Nov 20. PubMed PMID: 25416186.

Schindele F, Weiss E, Haas R, Fischer W. Quantitative analysis of CagA type IV secretion by *Helicobacter pylori* reveals substrate recognition and translocation requirements. *Mol Microbiol*. 2015 Dec 29. doi: 10.1111/mmi.13309 [Epub ahead of print] PubMed PMID: 26713727.

Schirmer L, Wölfel S, Georgi E, Ploner M, Bauer B, Hemmer B. Extensive Recruitment of Plasma Blasts to the Cerebrospinal Fluid in Toscana Virus Encephalitis. *Open Forum Infect Dis*. 2015 Sep 1;2(3):ofv124. doi: 10.1093/ofid/ofv124. eCollection 2015 Sep. PubMed PMID: 26393235; PubMed Central PMCID: PMC4569839.

Schmid M, Küchenhoff H, Hoerauf A, Tutz G. A survival tree method for the analysis of discrete event times in clinical and epidemiological studies. *Stat Med*. 2016 Feb 28;35(5):734-751. doi: 10.1002/sim.6729. Epub 2015 Sep 10. PubMed PMID: 26358826.

Schubert A, Wrase R, Hilgenfeld R, Hansen G. Structures of DegQ from *Legionella pneumophila* Define Distinct ON and OFF States. *J Mol Biol*. 2015 Aug 28;427(17):2840-51. doi: 10.1016/j.jmb.2015.06.023. Epub 2015 Jul 20. PubMed PMID: 26205420.

Schuster CF, Mechler L, Nolle N, Krismer B, Zelder ME, Götz F, Bertram R. The MazEF Toxin-Antitoxin System Alters the β -Lactam Susceptibility of *Staphylococcus aureus*. *PLoS One*. 2015 May 12;10(5):e0126118. doi: 10.1371/journal.pone.0126118. eCollection 2015. PubMed PMID: 25965381; PubMed Central PMCID: PMC4428803.

Seiz PL, Slanina H, Ziebuhr J, Gerlich WH, Glebe D, Schüttler CG. Studies on nosocomial outbreaks of hepatitis B in nursing homes in Germany suggest a major role of hepatitis B e antigen expression in disease severity and progression. *J Med Microbiol*. 2015 Oct;305(7):663-72. doi: 10.1016/j.ijmm.2015.08.016. Epub 2015 Aug 21. PubMed PMID: 26338147.

Sothmann P, Krumkamp R, Kreuels B, Sarpong N, Frank C, Ehlkes L, Fobil J, Gyau K, Jaeger A, Bosu B, Marks F, Owusu-Dabo E, Salzberger B, May J. Urbanicity and Paediatric Bacteraemia in Ghana-A Case-Control Study within a Rural-Urban Transition Zone. *PLoS One*. 2015 Sep 29;10(9):e0139433. doi: 10.1371/journal.pone.0139433. eCollection 2015. PubMed PMID: 26418004; PubMed Central PMCID: PMC4587855.

Spinner CD, Boesecke C, Zink A, Jessen H, Stellbrink HJ, Rockstroh JK, Esse S. HIV pre-exposure prophylaxis (PrEP): a review of current knowledge of oral systemic HIV PrEP in humans. *Infection*. 2015 Oct 15. [Epub ahead of print] PubMed PMID: 26471511.

Spohn M, Wohlleben W, Stegmann E. Elucidation of the zinc dependent regulation in *Amycolatopsis japonicum* enabled the identification of the ethylenediamine-disuccinate ([S,S]-EDDS) genes. *Environ Microbiol*. 2015 Dec 4. doi: 10.1111/1462-2920.13159. [Epub ahead of print] PubMed PMID: 26636770.

Spriewald S, Glaser J, Beutler M, Koepfel MB, Stecher B. Reporters for Single-Cell Analysis of Colicin Ib Expression in *Salmonella enterica* Serovar Typhimurium. *PLoS One*. 2015 Dec 10;10(12):e0144647. doi: 10.1371/journal.pone.0144647. eCollection 2015. PubMed PMID: 26659346; PubMed Central PMCID: PMC4675545.

Steglich M, Nitsche A, von Müller L, Herrmann M, Kohl TA, Niemann S, Nübe U. Tracing the Spread of *Clostridium difficile* Ribotype 027 in Germany Based on Bacterial Genome Sequences. *PLoS One*. 2015 Oct 7;10(10):e0139811. doi: 10.1371/journal.pone.0139811. eCollection 2015. PubMed PMID: 26444881; PubMed Central PMCID: PMC4596877.

Steinbrück L, Gustems M, Medele S, Schulz TF, Lutter D, Hammerschmidt W. K1 and K15 of Kaposi's Sarcoma-Associated Herpesvirus Are Partial Functional Homologues of Latent Membrane Protein 2A of Epstein-Barr Virus. *J Virol*. 2011 Jul;89(14):7248-61. doi: 10.1128/JVI.00839-15. Epub 2015 May 6. PubMed PMID 25948739; PubMed Central PMCID: PMC4473585.

Steinmann J, Hamprecht A, Vehreschild MJ, Cornely OA, Buchheidt D, Spiess B, Koldehoff M, Buer J, Meis JF, Rath PM. Emergence of azole-resistant invasive aspergillosis in HSCT recipients in Germany. *J Antimicrob Chemother.* 2015 May;70(5):1522-6. doi: 10.1093/jac/dku566. Epub 2015 Jan 27. PubMed PMID 25630644.

Stöhr S, Costa R, Sandmann L, Westhaus S, Pfaender S, Anggakusuma, Dazert E, Meuleman P, Vondran FW, Manns MP, Steinmann E, von Hahn T, Ciesek S. Host cell mTORC1 is required for HCV RNA replication. *Gut.* 2015 Aug 14. pii: gutjnl-2014-308971. doi: 10.1136/gutjnl-2014-308971. [Epub ahead of print] PubMed PMID: 26276683.

Sun L, Meijer A, Froeyen M, Zhang L, Thibaut HJ, Baggen J, George S, Vernachio J, van Kuppeveld FJ, Leyssen P, Hilgenfeld R, Neyts J, Delang L. Antiviral Activity of Broad-Spectrum and Enterovirus-Specific Inhibitors against Clinical Isolates of Enterovirus D68. *Antimicrob Agents Chemother.* 2015 Dec;59(12):7782-5. doi: 10.1128/AAC.01375-15. Epub 2015 Sep 14. PubMed PMID 26369972; PubMed Central PMCID: PMC4649165.

Surup F, Thongbai B, Kuhnert E, Sudarman E, Hyde KD, Stadler M. Deconin A-E: Cuparenic and Mevalonic or Propionic Acid Conjugates from the Basidiomycete *Deconica* sp. 471. *J Nat Prod.* 2015 Apr 24;78(4):934-8. doi: 10.1021/np5010104 Epub 2015 Apr 14. PubMed PMID: 25871540.

Svensson D, Öhrman C, Bäckman S, Karlsson E, Nilsson E, Byström M, Lärkeryd A, Myrtenäs K, Stenberg P, Qu PH, Trygg J, Scholz HC, Forsman M, Sjödin A. Complete Genome Sequence of *Francisella guangzhouensis* Strain 08HL01032T Isolated from Air-Conditioning Systems in China. *Genome Announc.* 2015 Mar 19;3(2). pii: e00024-15. doi: 10.1128/genomeA.00024-15. PubMed PMID: 25792039;

PubMed Central PMCID: PMC4395051.

Tacke D, Wisplinghoff H, Kretzschmar A, Farowski F, Koehler P, Herweg J, Cornely OA, Vehreschild MJ. First implementation of frozen, capsulized faecal microbiota transplantation for recurrent *Clostridium difficile* infection in clinical practice in Europe. *Clin Microbiol Infect.* 2015 Nov;21(11):e82-4. doi: 10.1016/j.cmi.2015.06.027. Epub 2015 Jul 8. PubMed PMID: 26163107.

Tappe D, Slesak G, Pérez-Girón JV, Schäfer J, Langeheinecke A, Just-Nübling G, Muñoz-Fontela C, Püllmann K. Human Invasive Muscular Sarcocystosis Induces Th Cytokine Polarization and Biphasic Cytokine Changes, Based on an Investigation among Travelers Returning from Tioman Island, Malaysia. *Clin Vaccine Immunol.* 2015 Jun;22(6):674-7. doi: 10.1128/CVI.00042-15. Epub 2015 Apr 22. PubMed PMID 25903356; PubMed Central PMCID: PMC4446401.

Tappe D, Pérez-Girón JV, Zammarchi L, Rissland J, Ferreira DF, Jaenisch T, Gómez-Medina S, Günther S, Bartoloni A, Muñoz-Fontela C, Schmidt-Chanasit J. Cytokine kinetics of Zika virus-infected patients from acute to convalescence phase. *Med Microbiol Immunol.* 2015 Dec 24. [Epub ahead of print] PubMed PMID 26702627.

Tarr AW, Khera T, Hueging K, Sheldon J, Steinmann E, Pietschmann T, Brown RJ. Genetic Diversity Underlying the Envelope Glycoproteins of Hepatitis C Virus: Structural and Functional Consequences and the Implications for Vaccine Design. *Viruses.* 2015 Jul 17;7(7):3995-4046. doi: 10.3390/v7072809. Review. PubMed PMID: 26193307; PubMed Central PMCID: PMC4517138.

Testa R, Cantón R, Giani T, Morosini MI, Nichols WW, Seifert H, Stefanik D, Rossolini GM, Nordmann P. In vitro activity of ceftazidime, ceftaroline an aztreonam alone and in combination with avibactam against European Gram-negative and Gram-positive clinical isolates. *Int J Antimicrob Agents*. 2015 Jun;45(6):641-6. doi: 10.1016/j.ijantimicag.2014.12.033. Epub 2015 Feb 17. PubMed PMID: 25748553.

Theron G, Peter J, Zijenah L, Chanda D, Mangu C, Clowes P, Rachow A, Lesosk M, Hoelscher M, Pym A, Mwaba P, Mason P, Naidoo P, Pooran A, Sohn H, Pai M, Stei DJ, Dheda K. Psychological distress and its relationship with non-adherence to T treatment: a multicentre study. *BMC Infect Dis*. 2015 Jul 1;15:253. doi 10.1186/s12879-015-0964-2. PubMed PMID: 26126655; PubMed Central PMCID PMC4487582.

Thierry S, Benleulmi MS, Sinzelle L, Thierry E, Calmels C, Chaignepain S, Waffo-Teguo P, Merillon JM, Budke B, Pasquet JM, Litvak S, Ciuffi A, Sung P, Connell P, Hauber I, Hauber J, Andreola ML, Delelis O, Parissi V. Dual and Opposite Effects of hRAD51 Chemical Modulation on HIV-1 Integration. *Chem Biol* 2015 Jun 18;22(6):712-23. doi: 10.1016/j.chembiol.2015.04.020. Epub 2015 Jun 4 PubMed PMID: 26051216.

Tripathi S, Pohl MO, Zhou Y, Rodriguez-Frandsen A, Wang G, Stein DA, Moulto HM, DeJesus P, Che J, Mulder LC, Yáñez E, Andenmatten D, Pache L, Manicassam B, Albrecht RA, Gonzalez MG, Nguyen Q, Brass A, Elledge S, White M, Shapira S, Hacohen N, Karlas A, Meyer TF, Shales M, Gatorano A, Johnson JR, Jang G, Johnson T, Verschueren E, Sanders D, Krogan N, Shaw M, König R, Stertz S, García-Sastr A, Chanda SK. Meta- and Orthogonal Integration of Influenza "OMICs" Data Defines a Role for UBR4 in Virus Budding. *Cell Host Microbe*. 2015 Dec 9;18(6):723-35 doi: 10.1016/j.chom.2015.11.002. PubMed PMID: 26651948.

Van ND, Falk CS, Sandmann L, Vondran FW, Helfritz F, Wedemeyer H, Manns MP, Ciesek S, von Hahn T. Modulation of HCV reinfection after orthotopic live transplantation by fibroblast growth factor-2 and other non-interferon mediators *Gut*. 2015 Mar 23. pii: gutjnl-2014-308003. doi: 10.1136/gutjnl-2014-308003. [Epub ahead of print] PubMed PMID: 25800783.

Vehreschild MJ, Cornely OA. [Resistant fungi]. *Internist (Berl)*. 2015 Nov;56(11):1271-6. doi: 10.1007/s00108-015-3704-1. German. PubMed PMID: 26432089.

Vercauteren K, Brown RJ, Mesalam AA, Doerrbecker J, Bhujra S, Geffers R, Van Den Eede N, McClure CP, Troise F, Verhoye L, Baumert T, Farhoudi A, Cortese R, Ball JK, Leroux-Roels G, Pietschmann T, Nicosia A, Meuleman P. Targeting host-cell entry factor barricades antiviral-resistant HCV variants from on-therapy breakthrough in human-liver mice. *Gut*. 2015 Aug 25. pii gutjnl-2014-309045. doi: 10.1136/gutjnl-2014-309045. [Epub ahead of print] PubMed PMID: 26306759.

Volz A, Kupke A, Song F, Jany S, Fux R, Shams-Eldin H, Schmidt J, Becker C, Eickmann M, Becker S, Sutter G. Protective Efficacy of Recombinant Modified Vaccinia Virus Ankara Delivering Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein. *J Virol*. 2015 Aug;89(16):8651-6. doi: 10.1128/JVI.00614-15 Epub 2015 May 27. PubMed PMID: 26018172; PubMed Central PMCID: PMC4524222.

von Brunn A, Ciesek S, von Brunn B, Carbajo-Lozoya J. Genetic deficiency and polymorphisms of cyclophilin A reveal its essential role for Human Coronavirus 229E replication. *Curr Opin Virol.* 2015 Oct;14:56-61. doi: 10.1016/j.coviro.2015.08.004. Epub 2015 Aug 27. Review. PubMed PMID: 26318518.

von Hahn T, Ciesek S. Cyclophilin polymorphism and virus infection. *Cur Opin Virol.* 2015 Oct;14:47-9. doi: 10.1016/j.coviro.2015.07.012. Epub 2015 Aug 13. Review. PubMed PMID: 26281011.

Vorwerk H, Huber C, Mohr J, Bunk B, Bhujra S, Wensel O, Spröer C, Fruth A, Flieger A, Schmidt-Hohagen K, Schomburg D, Eisenreich W, Hofreuter D. transferable plasticity region in *Campylobacter coli* allows isolates of an otherwise non-glycolytic food-borne pathogen to catabolize glucose. *Mol Microbiol.* 2015 Dec;98(5):809-30. doi: 10.1111/mmi.13159. Epub 2015 Sep 10. PubMed PMID: 26259566.

Wassilew N, Lange C. Cure Not Possible, by Definition. *Am J Respir Crit Care Med.* 2015 Nov 15;192(10):1255-6. doi: 10.1164/rccm.201507-1392LE. PubMed PMID 26568243.

Weber T, Blin K, Duddela S, Krug D, Kim HU, Bruccoleri R, Lee SY, Fischbach MA, Müller R, Wohlleben W, Breitling R, Takano E, Medema MH. antiSMASH 3.0-comprehensive resource for the genome mining of biosynthetic gene clusters *Nucleic Acids Res.* 2015 Jul 1;43(W1):W237-43. doi: 10.1093/nar/gkv437. Epub 2015 May 6. PubMed PMID: 25948579; PubMed Central PMCID: PMC4489286.

Wehmeyer MH, Jordan S, Lüth S, Hartl J, Stoehr A, Eißing C, Lohse AW, Petersen J, Buggisch P, Schulze Zur Wiesch J. Efficacy and safety of sofosbuvir-based triple therapy in hepatitis C genotype 4 infection. *Dig Liver Dis.* 2015 Sep;47(9):811-4. doi: 10.1016/j.dld.2015.05.018. Epub 2015 May 24. PubMed PMID: 26091766.

Weinschenk L, Gollnest T, Schols D, Balzarini J, Meier C. Bis(benzoyloxybenzyl)-DiPPro nucleoside diphosphates of anti-HIV active nucleoside analogues. *ChemMedChem.* 2015 May;10(5):891-900. doi: 10.1002/cmdc.201500063. Epub 2015 Apr 2. PubMed PMID: 25847660.

Weiterer S, Uhle F, Lichtenstern C, Siegler BH, Bhujra S, Jarek M, Bartkuhn M, Weigand MA. Sepsis induces specific changes in histone modification pattern in human monocytes. *PLoS One.* 2015 Mar 20;10(3):e0121748. doi: 10.1371/journal.pone.0121748. eCollection 2015. PubMed PMID: 25793379; PubMed Central PMCID: PMC4368631.

Wieczorek L, Krebs SJ, Kalyanaraman V, Whitney S, Tovanabuttra S, Moscoso CG, Sanders-Buell E, Williams C, Slike B, Molnar S, Dussupt V, Alam SM, Chenine AL, Tong T, Hill EL, Liao HX, Hoelscher M, Maboko L, Zolla-Pazner S, Haynes BF, Pensiero M, McCutchan F, Malek-Salehi S, Cheng RH, Robb ML, VanCott T, Michalek NL, Marovich MA, Alving CR, Matyas GR, Rao M, Polonis VR. Comparable Antigenicity and Immunogenicity of Oligomeric Forms of a Novel, Acute HIV-1 Subtype C gp14 Envelope for Use in Preclinical and Clinical Vaccine Research. *J Virol.* 2015 Aug;89(15):7478-93. doi: 10.1128/JVI.00412-15. Epub 2015 May 13. PubMed PMID 25972551; PubMed Central PMCID: PMC4505676.

Wiegand SB, Jaroszewicz J, Potthoff A, Höner Zu Siederdissen C, Maasoumy B, Deterding K, Manns MP, Wedemeyer H, Cornberg M. Dominance of hepatitis C virus (HCV) is associated with lower quantitative hepatitis B surface antigen and higher serum interferon- γ -induced protein 10 levels in HBV/HCV-coinfected patients. *Clin Microbiol Infect.* 2015 Jul;21(7):710.e1-9. doi: 10.1016/j.cmi.2015.03.003. Epub 2015 Apr 13. PubMed PMID: 25882360.

Wiegand SB, Heidrich B, Susser S, Rogalska-Taranta M, Petersen J, Böker KH, Grigorian N, Link R, Naumann U, John C, Lueth S, Malfertheiner P, Manns MP, Wedemeyer H, Sarrazin C, Cornberg M. Performance and Value of IFN-Lambda3

an IFN-Lambda4 Genotyping in Patients with Chronic Hepatitis C (CHC) Genotype 2/3 in a Real World Setting. *PLoS One*. 2015 Dec 23;10(12):e0145622. doi 10.1371/journal.pone.0145622. eCollection 2015. PubMed PMID: 26699619; PubMe Central PMCID: PMC4689517.

Willmann M, Bezdán D, Zapata L, Susak H, Vogel W, Schröppel K, Liese J, Weidenmaier C, Autenrieth IB, Ossowski S, Peter S. Analysis of a long-term outbreak of XDR *Pseudomonas aeruginosa*: a molecular epidemiological study. *Antimicrob Chemother*. 2015 May;70(5):1322-30. doi: 10.1093/jac/dku546. Epub 2015 Jan 11. PubMed PMID: 25583750.

Willmann M, El-Hadidi M, Huson DH, Schütz M, Weidenmaier C, Autenrieth IB, Peter S. Antibiotic Selection Pressure Determination through Sequence-Base Metagenomics. *Antimicrob Agents Chemother*. 2015 Dec;59(12):7335-45. doi 10.1128/AAC.01504-15. Epub 2015 Sep 14. PubMed PMID: 26369961; PubMed Central PMCID: PMC4649198.

Winstel V, Kühner P, Krismer B, Peschel A, Rohde H. Transfer of plasmid DNA to clinical coagulase-negative staphylococcal pathogens by using a unique bacteriophage. *Appl Environ Microbiol*. 2015 Apr;81(7):2481-8. doi 10.1128/AEM.04190-14. Epub 2015 Jan 23. PubMed PMID: 25616805; PubMed Central PMCID: PMC4357934.

Wittmann J, Riedel T, Bunk B, Spröer C, Gronow S, Overmann J. Complete Genome Sequence of the Novel Temperate *Clostridium difficile* Phage phiCDIF1296T. *Genome Announc*. 2015 Aug 20;3(4). pii: e00839-15. doi: 10.1128/genomeA.00839-15. PubMed PMID: 26294621; PubMed Central PMCID: PMC4543499.

Wolański M, Łebkowski T, Kois-Ostrowska A, Zettler J, Apel AK, Jakimowicz D, Zakrzewska-Czerwińska J. Two transcription factors, CabA and CabR, are independently involved in multilevel regulation of the biosynthetic gene cluster encoding the novel aminocoumarin, cacibiocin. *Appl Microbiol Biotechnol*. 2015 Dec 5. [Epub ahead of print] PubMed PMID: 26637421.

Wolf T, Kann G, Becker S, Stephan C, Brodt HR, de Leuw P, Grünewald T, Vogl T, Kempf VA, Keppeler OT, Zacharowski K. Severe Ebola virus disease with vascular leakage and multiorgan failure: treatment of a patient in intensive care. *Lancet*. 2015 Apr 11;385(9976):1428-35. doi: 10.1016/S0140-6736(14)62384-9. Epub 2014 Dec 19. PubMed PMID: 25534190.

Wolter F, Glässner A, Krämer B, Kokordelis P, Finnemann C, Kaczmarek DJ, Goeser F, Lutz P, Nischalke HD, Strassburg CP, Spengler U, Nattermann J. Hypoxia impairs anti-viral activity of natural killer (NK) cells but has little effect on anti-fibrotic NK cell functions in hepatitis C virus infection. *J Hepatol*. 2015 Dec;63(6):1334-44. doi: 10.1016/j.jhep.2015.08.008. Epub 2015 Aug 20. PubMed PMID: 26297916.

Wächter M, Wölfel S, Pfeffer M, Dobler G, Kohn B, Moritz A, Pachnicke S, Silaghi C. Serological differentiation of antibodies against *Rickettsia helvetica*, *R. raoultii*, *R. slovaca*, *R. monacensis* and *R. felis* in dogs from Germany by a micro-immunofluorescent antibody test. *Parasit Vectors*. 2015 Mar 23;8:126. doi: 10.1186/s13071-015-0745-1. PubMed PMID: 25889200; PubMed Central PMCID: PMC4369902.

Xia Y, Stadler D, Lucifora J, Reisinger F, Webb D, Hösel M, Michler T, Wisskirchen K, Cheng X, Zhang K, Chou WM, Wettengel JM, Malo A, Bohne F, Hoffman D, Eyer F, Thimme R, Falk CS, Thasler WE, Heikenwalder M, Protzer U. Interferon- γ and Tumor Necrosis Factor- α Produced by T Cells Reduce the HBV Persistence Form, cccDNA, without Cytolysis. *Gastroenterology*. 2016 Jan;150(1):194-205. doi 10.1053/j.gastro.2015.09.026. Epub 2015 Sep 28. PubMed PMID: 26416327.

Yoh SM, Schneider M, Seifried J, Soonthornvacharin S, Akleh RE, Olivieri KC De Jesus PD, Ruan C, de Castro E, Ruiz PA, Germanaud D, des Portes V García-Sastre A, König R, Chanda SK. PQBP1 Is a Proximal Sensor of the cGAS-Dependent Innate Response to HIV-1. *Cell*. 2015 Jun 4;161(6):1293-305. doi 10.1016/j.cell.2015.04.050. PubMed PMID: 26046437; PubMed Central PMCID PMC4503237.

Yu X, Ilecka M, Bartlett EJ, Schneidt V, Bhat R, Mautner J, Feederle R Delecluse HJ. Antigen-armed antibodies targeting B lymphoma cells effectively activate antigen-specific CD4+ T cells. *Blood*. 2015 Mar 5;125(10):1601-10. doi 10.1182/blood-2014-07-591412. Epub 2015 Jan 7. PubMed PMID: 25568348.

Zammarchi L, Stella G, Mantella A, Bartolozzi D, Tappe D, Günther S Oestereich L, Cadar D, Muñoz-Fontela C, Bartoloni A, Schmidt-Chanasit J. Zik virus infections imported to Italy: clinical, immunological and virological findings, and public health implications. *J Clin Virol*. 2015 Feb;63:32-5. doi 10.1016/j.jcv.2014.12.005. Epub 2014 Dec 12. PubMed PMID: 25600600.

Zhou H, Yang D, Ivleva NP, Mircescu NE, Schubert S, Niessner R, Wieser A Haisch C. Label-Free in Situ Discrimination of Live and Dead Bacteria by Surface-Enhanced Raman Scattering. *Anal Chem*. 2015 Jul 7;87(13):6553-61. doi 10.1021/acs.analchem.5b01271. Epub 2015 Jun 18. PubMed PMID: 26017069.

Zischka M, Künne CT, Blom J, Wobser D, Sakaç T, Schmidt-Hohagen K Dabrowski PW, Nitsche A, Hübner J, Hain T, Chakraborty T, Linke B, Goemann A Voget S, Daniel R, Schomburg D, Hauck R, Hafez HM, Tielen P, Jahn D, Solheim M Sadowy E, Larsen J, Jensen LB, Ruiz-Garbajosa P, Quiñones Pérez D, Mikalsen T Bender J, Steglich M, Nübel U, Witte W, Werner G. Comprehensive molecular genomic and phenotypic analysis of a major clone of *Enterococcus faecalis* MLS ST40. *BMC Genomics*. 2015 Mar 12;16:175. doi: 10.1186/s12864-015-1367-x. PubMed PMID: 25887115; PubMed Central PMCID: PMC4374294.

Zoch B, Karch A, Dreesman J, Monazahian M, Baillet A, Mikolajczyk RT Feasibility of a birth cohort study dedicated to assessing acute infections using symptom diaries and parental collection of biomaterials. *BMC Infect Dis*. 2015 Oct 22;15:436. doi: 10.1186/s12879-015-1189-0. PubMed PMID: 26493700; PubMed Central PMCID: PMC4618955.

Zumla A, Chakaya J, Centis R, D'Ambrosio L, Mwaba P, Bates M, Kapata N Nyirenda T, Chanda D, Mfinanga S, Hoelscher M, Maeurer M, Migliori GB Tuberculosis treatment and management--an update on treatment regimens, trials new drugs, and adjunct therapies. *Lancet Respir Med*. 2015 Mar;3(3):220-34. doi 10.1016/S2213-2600(15)00063-6. Epub 2015 Mar 9. Review. PubMed PMID: 25773212.

Zumla A, Maeurer M; Host-Directed Therapies Network, Chakaya J, Hoelscher M Ntoumi F, Rustomjee R, Vilaplana C, Yeboah-Manu D, Rasolof V, Munderi P, Singh N Aklillu E, Padayatchi N, Macete E, Kapata N, Mulenga M, Kibiki G, Mfinanga S Nyirenda T, Maboko L, Garcia-Basteiro A, Rakotosamimanana N, Bates M, Mwaba P Reither K, Gagneux S, Edwards S, Mfinanga E, Abdulla S, Cardona PJ, Russell JB Gant V, Noursadeghi M, Elkington P, Bonnet M, Menendez C, Dieye TN, Diarra B Maiga A, Aseffa A, Parida S, Wejse C, Petersen E, Kaleebu P, Oliver M, Craig G Corrah T, Tientcheu L, Antonio M, Rao M, McHugh TD, Sheikh A, Ippolito G, Ramjee G, Kaufmann SH, Churchyard G, Steyn A, Grobusch M, Sanne I, Martinson N Madansein R, Wilkinson RJ, Mayosi B, Schito M, Wallis RS. Towards host-directed therapies for tuberculosis. *Nat Rev Drug Discov*. 2015 Aug;14(8):511-2. doi 10.1038/nrd4696. Epub 2015 Jul 17. PubMed PMID: 26184493.