

Publications with DZIF-Affiliation from 2014

Abdelnabi Z, Saleh N, Baraghithi S, Glebe D, Azze M. Subgenotypes and mutations in the s and polymerase genes of hepatitis B virus carriers in the WestBank, palestine. *PLoS One*. 2014 Dec 12;9(12):e113821. doi: 10.1371/journal.pone.0113821. eCollection 2014. PubMed PMID: 25503289; PubMed Central PMCID: PMC4264744.

Addo MM, Altfeld M. Sex-based differences in HIV type 1 pathogenesis. *J Infect Dis*. 2014 Jul 15;209 Suppl 3:S86-92. doi: 10.1093/infdis/jiu175. Review. PubMed PMID: 24966195; PubMed Central PMCID: PMC4157516.

Angin M, Sharma S, King M, Murooka TT, Ghebremichael M, Mempel TR, Walker BD, Bhasin MK, Addo MM. HIV-1 infection impairs regulatory T-cell suppressive capacity on a per-cell basis. *J Infect Dis*. 2014 Sep 15;210(6):899-903. doi: 10.1093/infdis/jiu188. Epub 2014 Mar 23. PubMed PMID: 24664171; PubMed Central PMCID: PMC4192052.

Antwerpen M, Georgi E, Zimmermann P, Hoermansdorfer S, Meyer H, Grass G. Draft Genome Sequence of Strain BF-4, a Lysinibacillus-Like Bacillus Isolated during an Anthrax Outbreak in Bavaria. *Genome Announc*. 2014 Oct 9;2(5). pii: e00918-14. doi: 10.1128/genomeA.00918-14. PubMed PMID: 25301643; PubMed Central PMCID: PMC4192375.

Baumann S, Herrmann J, Raju R, Steinmetz H, Mohr KI, Hüttel S, Harmrolfs K, Stadler M, Müller R. Cystobactamids: myxobacterial topoisomerase inhibitors exhibiting potent antibacterial activity. *Angew Chem Int Ed Engl*. 2014 Dec 22;53(52):14605-9. doi: 10.1002/anie.201409964. Epub 2014 Dec 15. PubMed PMID: 25510965.

Baur S, Rautenberg M, Faulstich M, Grau T, Severin Y, Unger C, Hoffmann WH, Rudel T, Autenrieth IB, Weidenmaier C. A nasal epithelial receptor for *Staphylococcus aureus* WTA governs adhesion to epithelial cells and modulates nasal colonization. *PLoS Pathog*. 2014 May 1;10(5):e1004089. doi: 10.1371/journal.ppat.1004089. eCollection 2014 May. Erratum in: *PLoS Pathog*. 2014 Jun;10(6):e1004247. Faulstich, Manuela [corrected to Faulstich, Michaela]. PubMed PMID: 24788600; PubMed Central PMCID: PMC4006915.

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.

Bernardo-Faura M, Massen S, Falk CS, Brady NR, Eils R. Data-derived modeling characterizes plasticity of MAPK signaling in melanoma. *PLoS Comput Biol*. 2014 Sep 4;10(9):e1003795. doi: 10.1371/journal.pcbi.1003795. eCollection 2014 Sep. PubMed PMID: 25188314; PubMed Central PMCID: PMC4154640.

Blauenfeldt T, Heyckendorf J, Graff Jensen S, Lange C, Drabe C, Hermansen TS, de Thurah L, Lillebaek T, Eugen-Olsen J, Seersholm N, Hoff S, Bonde J, Ruhwald M. Development of a one-step probe based molecular assay for rapid immunodiagnosis of infection with *M. tuberculosis* using dried blood spots. *PLoS One*. 2014 Sep 3;9(9):e105628. doi: 10.1371/journal.pone.0105628. eCollection 2014. PubMed PMID: 25184553; PubMed Central PMCID: PMC4153573.

Boesecke C, van Assen S, Stellbrink HJ, Baumgarten A, Ingiliz P, Strassburg CP, Schwarze-Zander C, Wasmuth JC, Hoepelman AI, Rockstroh JK, Arends JE. Peginterferon-alfa mono-therapy in the treatment of acute hepatitis C in HIV-infection. *J Viral Hepat.* 2014 Nov;21(11):780-5. doi: 10.1111/jvh.12272. Epub 2014 Jul 9. PubMed PMID: 25040149.

Borchers S, Ogonek J, Varanasi PR, Tischer S, Bremm M, Eiz-Vesper B, Koehl U, Weissinger EM. Multimer monitoring of CMV-specific T cells in research and in clinical applications. *Diagn Microbiol Infect Dis.* 2014 Mar;78(3):201-12. doi: 10.1016/j.diagmicrobio.2013.11.007. Epub 2013 Nov 15. Review. PubMed PMID: 24331953.

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 phenotypes 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 2014 Oct 25. PubMed PMID: 25344806.

Calle Serrano B, Großhennig A, Homs M, Heidrich B, Erhardt A, Deterding K, Jaroszewicz J, Bremer B, Koch A, Cornberg M, Manns MP, Buti M, Wedemeyer H. Development and evaluation of a baseline-event-anticipation score for hepatitis delta. *J Viral Hepat.* 2014 Nov;21(11):e154-63. doi: 10.1111/jvh.12251. Epub 2014 Mar 27. PubMed PMID: 24673975; PubMed Central PMCID: PMC4263246.

Carnero E, Barriocanal M, Segura V, Guruceaga E, Prior C, Börner K, Grimm D, Fortes P. Type I Interferon Regulates the Expression of Long Non-Coding RNAs. *Front Immunol.* 2014 Nov 6;5:548. doi: 10.3389/fimmu.2014.00548. eCollection 2014. PubMed PMID: 25414701; PubMed Central PMCID: PMC4222131.

Chachage M, Podola L, Clowes P, Nsojo A, Bauer A, Mgya O, Kowour D, Froeschl G, Maboko L, Hoelscher M, Saathoff E, Geldmacher C. Helminth-associated systemic immune activation and HIV co-receptor expression: response to albendazole/praziquantel treatment. *PLoS Negl Trop Dis.* 2014 Mar 27;8(3):e2755. doi: 10.1371/journal.pntd.0002755. eCollection 2014 Mar. PubMed PMID: 24675895; PubMed Central PMCID: PMC3967945.

Corman VM, Ithete NL, Richards LR, Schoeman MC, Preiser W, Drosten C, Drexler JF. Rooting the phylogenetic tree of middle East respiratory syndrome coronavirus by characterization of a conspecific virus from an African bat. *J Virol.* 2014 Oct;88(19):11297-303. doi: 10.1128/JVI.01498-14. Epub 2014 Jul 16. PubMed PMID: 25031349; PubMed Central PMCID: PMC4178802.

Cornely OA. Galactomannan testing during mold-active prophylaxis. *Clin Infect Dis.* 2014 Dec 15;59(12):1703-4. doi: 10.1093/cid/ciu677. Epub 2014 Aug 27. PubMed PMID: 25165089; PubMed Central PMCID: PMC4243699.

Cornely OA, Cuenca-Estrella M, Meis JF, Ullmann AJ. European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Fungal Infection Study Group (EFISG) and European Confederation of Medical Mycology (ECMM) 2013 jointguidelines on diagnosis and management of rare and emerging fungal diseases. *Clin Microbiol Infect.* 2014 Apr;20 Suppl 3:1-4. doi: 10.1111/1469-0691.12569. PubMed PMID: 24606200.

De Visser V, Sotgiu G, Lange C, Aabye MG, Bakker M, Bartalesi F, Brat K, Chee 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 TBNETstudy. *Eur Respir J.* 2015 Jan;45(1):279-83. doi: 10.1183/09031936.00120214. Epub 2014 Oct 30. PubMed PMID: 25359336.

Deest M, Westhaus S, Steinmann E, Manns MP, von Hahn T, Ciesek S. Impact of single nucleotide polymorphisms in the essential HCV entry factor CD81 on HCV infectivity and neutralization. *Antiviral Res.* 2014 Jan;101:37-44. doi: 10.1016/j.antiviral.2013.10.018. Epub 2013 Nov 7. PubMed PMID: 24211330.

Dickmann P, Biedenkopf N, Keeping S, Eickmann M, Becker S. Risk communication and crisis communication in infectious disease outbreaks in Germany: what is being done, and what needs to be done. *Disaster Med Public Health Prep.* 2014 Jun;8(3):206-11. doi: 10.1017/dmp.2014.36. Epub 2014 May 7. PubMed PMID: 24804970.

Dolnik O, Kolesnikova L, Welsch S, Strecker T, Schudt G, Becker S. Interaction with Tsg101 is necessary for the efficient transport and release of nucleocapsids in marburg virus-infected cells. *PLoS Pathog.* 2014 Oct16;10(10):e1004463. doi: 10.1371/journal.ppat.1004463. eCollection 2014 Oct. PubMed PMID: 25330247; PubMed Central PMCID: PMC4199773.

Eberhard JM, Hartjen P, Kummer S, Schmidt RE, Bockhorn M, Lehmann C, Balagopal A, Hauber J, van Lunzen J, Schulze zur Wiesch J. CD161+ MAIT cells are severely reduced in peripheral blood and lymph nodes of HIV-infected individuals independently of disease progression. *PLoS One.* 2014 Nov 4;9(11):e111323. doi: 10.1371/journal.pone.0111323. eCollection 2014. PubMed PMID: 25369333; PubMed Central PMCID: PMC4219715.

Eisenhardt M, Glässner A, Wolter F, Krämer B, Kokordelis P, Nischalke HD, Boesecke C, Rockstroh JK, Spengler U, Nattermann J. CD27(+)CD56Bright natural killer cells may be involved in spontaneous clearance of acute hepatitis C in HIV-positive patients. *AIDS.* 2014 Aug 24;28(13):1879-84. doi: 10.1097/QAD.0000000000000355. PubMed PMID: 24922598.

Emmerich P, Müller N, Heinemann P, Rother E, Jakupi X, Günther S, Cadar D, Schmidt-Chanasit J. Human Dobrava-Belgrade hantavirus infection, Kosovo. *J Clin Virol.* 2014 Nov;61(3):439-41. doi: 10.1016/j.jcv.2014.09.013. Epub 2014 Oct 2. PubMed PMID: 25441062.

Flinispach K, Kapitzke C, Tocchetti A, Sosio M, Apel AK. Heterologous expression of the thiopeptide antibiotic GE2270 from *Planobispora rosea* ATCC 53733 in *Streptomyces coelicolor* requires deletion of ribosomal genes from the expression construct. *PLoS One.* 2014 Mar 5;9(3):e90499. doi: 10.1371/journal.pone.0090499. eCollection 2014. PubMed PMID: 24598591; PubMed Central PMCID: PMC3943966.

Fogeron ML, Badillo A, Jirasko V, Gouttenoire J, Paul D, Lancien L, Moradpour 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.* 2015Jan;105:39-46. doi: 10.1016/j.pep.2014.10.003. Epub 2014 Oct 12. PubMed PMID: 25306874.

Fätkenheuer G, Hirschel B, Harbarth S. Screening and isolation to control meticillin-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.

Fätkenheuer G, Kaasch AJ. How deadly is meticillin-resistant *Staphylococcus aureus*? *Lancet Infect Dis.* 2014 Oct;14(10):905-7. doi: 10.1016/S1473-3099(14)70904-1. Epub 2014 Aug 31. PubMed PMID: 25185459.

Gabaev I, Elbasani E, Ameres S, Steinbrück L, Stanton R, Döring M, Lenac Rovic T, Kalinke U, Jonjic S, Moosmann A, Messerle M. Expression of the human cytomegalovirus UL11 glycoprotein in viral infection and evaluation of its effect on virus-specific CD8 T cells. *J Virol.* 2014 Dec;88(24):14326-39. doi: 10.1128/JVI.01691-14. Epub 2014 Oct 1. PubMed PMID: 25275132; PubMed Central PMCID: PMC4249143.

Ganzenmueller T, Kluba J, Becker JU, Bachmann O, Heim A. Detection of cytomegalovirus (CMV) by real-time PCR in fecal samples for the non-invasive diagnosis of CMV intestinal disease. *J Clin Virol.* 2014 Dec;61(4):517-22. doi: 10.1016/j.jcv.2014.10.009. Epub 2014 Oct 22. PubMed PMID: 25453330.

Garcia R, Gemperlein K, Müller R. *Minicystis rosea* gen. nov., sp. nov., a polyunsaturated fatty acid-rich and steroid-producing soil myxobacterium. *Int J Syst Evol Microbiol.* 2014 Nov;64(Pt 11):3733-42. doi: 10.1099/ijs.0.068270-0. Epub 2014 Aug 11. PubMed PMID: 25114157.

Garigliany MM, Börstler J, Jöst H, Badusche M, Desmecht D, Schmidt-Chanasit J, Cadar D. Characterization of a novel circo-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.

Garigliany MM, Hagen RM, Frickmann H, May J, Schwarz NG, Perse A, Jöst H, Börstler J, Shahhosseini N, Desmecht D, Mbunkah HA, Daniel AM, Kingsley MT, Campos Rde M, de Paula VS, Randriamampionona N, Poppert S, Tannich E, Rakotozandrindrainy R, Cadar D, Schmidt-Chanasit J. Cyclovirus CyCV-VN species distribution is not limited to Vietnam and extends to Africa. *Sci Rep.* 2014 Dec 18;4:7552. doi: 10.1038/srep07552. PubMed PMID: 25518947.

Gewies A, Gorka O, Bergmann H, Pechloff K, Petermann F, Jeltsch KM, Rudelius M, Kriegsmann M, Weichert W, Horsch M, Beckers J, Wurst W, Heikenwalder M, Korn T, Heissmeyer V, Ruland J. Uncoupling Malt1 threshold function from paracaspase activity results in destructive autoimmune inflammation. *Cell Rep.* 2014 Nov 20;9(4):1292-305. doi: 10.1016/j.celrep.2014.10.044. Epub 2014 Nov 13. PubMed PMID: 25456129.

Glebe D, Geipel A. Selected phenotypic assays used to evaluate antiviral resistance and viral fitness of hepatitis B virus and its variants. *Intervirology.* 2014;57(3-4):225-31. doi: 10.1159/000360950. Epub 2014 Jul 15. Review. PubMed PMID: 25034492.

Glebe D, König A. Molecular virology of hepatitis B virus and targets for antiviral intervention. *Intervirology.* 2014;57(3-4):134-40. doi: 10.1159/000360946. Epub 2014 Jul 15. Review. PubMed PMID: 25034480.

Graef P, Buchholz VR, Stemberger C, Flossdorf M, Henkel L, Schiemann M, Drexler I, Höfer T, Riddell SR, Busch DH. Serial transfer of single-cell-derived immunocompetence reveals stemness of CD8(+) central memory T cells. *Immunity.* 2014 Jul 17;41(1):116-26. doi: 10.1016/j.immuni.2014.05.018. PubMed PMID: 25035956.

Gravemann S, Brinkkoetter PT, Vehreschild JJ, Franke B, Ehren K, Bünemann E, Orbach H, Weiß V, Hellmich M, Benzing T, Fätkenheuer G. Low-grade proteinuria is highly prevalent in HIV-positive patients on antiretroviral treatment. *AIDS.* 2014 Jul 31;28(12):1783-9. doi: 10.1097/QAD.0000000000000324. PubMed PMID: 24841129.

Gronbach K, Flade I, Holst O, Lindner B, Ruscheweyh HJ, Wittmann A, Menz S, Schwiertz A, Adam P, Stecher B, Josenhans C, Suerbaum S, Gruber AD, Kulik A, Huson D, Autenrieth IB, Frick JS. Endotoxicity of lipopolysaccharide as a determinant of T-cell-mediated colitis induction in mice. *Gastroenterology.* 2014 Mar;146(3):765-75. doi: 10.1053/j.gastro.2013.11.033. Epub 2013 Nov 21. PubMed PMID: 24269927.

Gustems M, Woellmer A, Rothbauer U, Eck SH, Wieland T, Lutter D, Hammerschmidt W. c-Jun/c-Fos heterodimers regulate cellular genes via a newly identified class of methylated DNA sequence motifs. *Nucleic Acids Res.* 2014 Mar;42(5):3059-72. doi: 10.1093/nar/gkt1323. Epub 2013 Dec 25. PubMed PMID: 24371273; PubMed Central PMCID: PMC3950711.

Gutsfeld C, Olaru ID, Vollrath O, Lange C. Attitudes about tuberculosis prevention in the elimination phase: a survey among physicians in Germany. *PLoS One*. 2014 Nov 13;9(11):e112681. doi: 10.1371/journal.pone.0112681. eCollection 2014. PubMed PMID: 25393241; PubMed Central PMCID: PMC4231044.

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. *Eur Respir J*. 2015 Apr;45(4):1081-8. doi: 10.1183/09031936.00124614. Epub 2014 Nov 13. PubMed PMID: 25395035.

Halecker S, Surup F, Kuhnert E, Mohr KI, Brock NL, Dickschat JS, Junker C, Schulz B, Stadler M. Hymenosectin, a 3-decalinoyltetramic acid antibiotic from cultures of the ash dieback pathogen, *Hymenoscyphus pseudoalbidus*. *Phytochemistry*. 2014 Apr;100:86-91. doi: 10.1016/j.phytochem.2014.01.018. Epub 2014 Feb 12. PubMed PMID: 24529574.

Heidrich B, Cetindere A, Beyaz M, Stahmeyer JT, Basaran MM, Braynis B, Raupach R, Bremer B, Manns MP, Wedemeyer H, Bastürk M. High prevalence of hepatitis markers in immigrant populations: a prospective screening approach in a real-world setting. *Eur J Gastroenterol Hepatol*. 2014 Oct;26(10):1090-7. doi: 10.1097/MEG.000000000000164. PubMed PMID: 25076065.

Heidrich B, Yurdaydın C, Kabaçam G, Ratsch BA, Zachou K, Bremer B, Dalekos GN, Erhardt A, Tabak F, Yalcin K, Gürel S, Zeuzem S, Cornberg M, Bock CT, Manns MP, Wedemeyer H; HIDIT-1 Study Group. Late HDV RNA relapse after peginterferon alpha-based therapy of chronic hepatitis delta. *Hepatology*. 2014 Jul;60(1):87-97. doi: 10.1002/hep.27102. PubMed PMID: 24585488.

Heidrich B, Wiegand SB, Buggisch P, Hinrichsen H, Link R, Möller B, Böker KH, Teuber G, Klinker H, Zehnter E, Naumann U, Busch HW, Maasoumy B, Baum U, Hardtke S, Manns MP, Wedemeyer H, Petersen J, Cornberg M; HepNet Study Group. Treatment of naïve patients with chronic hepatitis C genotypes 2 and 3 with pegylated interferon alpha and ribavirin in a real world setting: relevance for the new era of DAA. *PLoS One*. 2014 Oct 10;9(10):e108751. doi: 10.1371/journal.pone.0108751. eCollection 2014. PubMed PMID: 25302676; PubMed Central PMCID: PMC4193764.

Held J, Gebru T, Kalesse M, Jansen R, Gerth K, Müller R, Mordmüller B. Antimalarial activity of the myxobacterial macrolide chlorotoniol A. *Antimicrob Agents Chemother*. 2014 Nov;58(11):6378-84. doi: 10.1128/AAC.03326-14. Epub 2014 Aug 11. PubMed PMID: 25114138; PubMed Central PMCID: PMC4249382.

Herzmann C, Sotgiu G, Schaberg T, Ernst M, Stenger S, Lange C; German TB or Not TB Consortium. Early BCG vaccination is unrelated to pulmonary immunity against *Mycobacterium tuberculosis* in adults. *Eur Respir J*. 2014 Oct;44(4):1087-90. doi: 10.1183/09031936.00086514. Epub 2014 Jun 25. PubMed PMID: 24969658.

Hilgenfeld R. From SARS to MERS: crystallographic studies on coronaviral proteases enable antiviral drug design. *FEBS J*. 2014 Sep;281(18):4085-96. doi: 10.1111/febs.12936. Epub 2014 Aug 11. Review. PubMed PMID: 25039866.

Honeyborne I, Mtafya B, Phillips PP, Hoelscher M, Ntinginya EN, Kohlenberg A, Rachow A, Rojas-Ponce G, McHugh TD, Heinrich N; Pan African Consortium for the Evaluation of Anti-tuberculosis Antibiotics. The molecular bacterial load assay replaces solid culture for measuring early bactericidal response to antituberculosis treatment. *J Clin Microbiol*. 2014 Aug;52(8):3064-7. doi: 10.1128/JCM.01128-14. Epub 2014 May 28. PubMed PMID: 24871215; PubMed Central PMCID: PMC4136187.

Hos NJ, Rieg S, Kern WV, Jonas D, Fowler VG, Higgins PG, Seifert H, Kaasch AJ. Amino acid alterations in fibronectin binding protein A (FnBPA) and

bacterial 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.

Idelevich EA, Walther T, Molinaro S, Li X, Xia G, Wieser A, Peters G, Peschel A, Becker K. Bacteriophage-based latex agglutination test for rapid identification of *Staphylococcus aureus*. *J Clin Microbiol.* 2014 Sep;52(9):3394-8. doi: 10.1128/JCM.01432-14. Epub 2014 Jul 16. PubMed PMID: 25031449; PubMed Central PMCID: PMC4313167.

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.

Jansen C, Leeming DJ, Mandorfer M, Byrjalsen I, Schierwagen R, Schwabl P, Karsdal MA, Anadol E, Strassburg CP, Rockstroh J, Peck-Radosavljevic M, Møller S, Bendtsen F, Krag A, Reiberger T, Trebicka J. PRO-C3-levels in patients with HIV/HCV-Co-infection reflect fibrosis stage and degree of portal hypertension. *PLoS One.* 2014 Sep 29;9(9):e108544. doi: 10.1371/journal.pone.0108544. eCollection 2014. PubMed PMID: 25265505; PubMed Central PMCID: PMC4180447.

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

Kaufmann SH, Lange C, Rao M, Balaji KN, Lotze M, Schito M, Zumla AI, Maeurer M. Progress in tuberculosis vaccine development and host-directed therapies--a state of the art review. *Lancet Respir Med.* 2014 Apr;2(4):301-20. doi: 10.1016/S2213-2600(14)70033-5. Epub 2014 Mar 24. Review. PubMed PMID: 24717627.

Kleine M, Riemer M, Krech T, DeTemple D, Jäger MD, Lehner F, Manns MP, Klempnauer J, Borlak J, Bektas H, Vondran FW. Explanted diseased livers - a possible source of metabolic competent primary human hepatocytes. *PLoS One.* 2014 Jul 7;9(7):e101386. doi: 10.1371/journal.pone.0101386. eCollection 2014. PubMed PMID: 24999631; PubMed Central PMCID: PMC4084809.

Klose J, Stankov MV, Kleine M, Ramackers W, Panayotova-Dimitrova D, Jäger MD, Klempnauer J, Winkler M, Bektas H, Behrens GM, Vondran FW. Inhibition of autophagic flux by salinomycin results in anti-cancer effect in hepatocellular carcinoma cells. *PLoS One.* 2014 May 9;9(5):e95970. doi: 10.1371/journal.pone.0095970. eCollection 2014. PubMed PMID: 24816744; PubMed Central PMCID: PMC4015957.

Kohlmann F, Shima K, Hilgenfeld R, Solbach W, Rupp J, Hansen G. Structural basis of the proteolytic and chaperone activity of *Chlamydia trachomatis* CT441. *J 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, Körner C, Boesecke C, Voigt E, Ingiliz P, Glässner A, Eisenhardt M, Wolter F, Kaczmarek D, Nischalke HD, Rockstroh JK, Spengler U, Nattermann J. An effective interferon-gamma-mediated inhibition of hepatitis C virus replication by natural killer cells is associated with spontaneous clearance of acute hepatitis C in human immunodeficiency virus-positive patients. *Hepatology.* 2014 Mar;59(3):814-27. doi: 10.1002/hep.26782. Epub 2014 Jan 21. PubMed PMID: 24382664.

Krebes J, Morgan RD, Bunk B, Spröer C, Luong K, Parusel R, Anton BP, König C, Josenhans C, Overmann J, Roberts RJ, Korlach J, Suerbaum S. The complex methylome of the human gastric pathogen *Helicobacter pylori*. *Nucleic Acids*

Res. 2014 Feb;42(4):2415-32. doi: 10.1093/nar/gkt1201. Epub 2013 Dec 2. PubMed PMID: 24302578; PubMed Central PMCID: PMC3936762.

Kreuels B, Wichmann D, Emmerich P, Schmidt-Chanasit J, de Heer G, Kluge S, Sow A, Renné T, Günther S, Lohse AW, Addo MM, Schmiedel S. A case of severe Ebola virus infection complicated by gram-negative septicemia. *N Engl J Med*. 2014 Dec 18;371(25):2394-401. doi: 10.1056/NEJMoal411677. Epub 2014 Oct 22. PubMed PMID: 25337633.

Krismer B, Liebeke M, Janek D, Nega M, Rautenberg M, Hornig G, Unger C, Weidenmaier C, Lalk M, Peschel A. Nutrient limitation governs *Staphylococcus aureus* metabolism and niche adaptation in the human nose. *PLoS Pathog*. 2014 Jan;10(1):e1003862. doi: 10.1371/journal.ppat.1003862. Epub 2014 Jan 16. PubMed PMID: 24453967; PubMed Central PMCID: PMC3894218.

Kuhn JH, Andersen KG, Baize S, Bào Y, Bavari S, Berthet N, Blinkova O, Brister JR, Clawson AN, Fair J, Gabriel M, Garry RF, Gire SK, Goba A, Gonzalez JP, Günther S, Hapfi CT, Jahrling PB, Kapetshi J, Kobinger G, Kugelman JR, Leroy EM, Maganga GD, Mbala PK, Moses LM, Muyembe-Tamfum JJ, N'Faly M, Nichol ST, Omilabu SA, Palacios G, Park DJ, Paweska JT, Radoshitzky SR, Rossi CA, Sabeti PC, Schieffelin JS, Schoepf RJ, Sealton R, Swanepoel R, Towner JS, Wada J, Wauquier N, Yozwiak NL, Formenty P. Nomenclature- and database-compatible names for the two Ebola virus variants that emerged in Guinea and the Democratic Republic of the Congo in 2014. *Viruses*. 2014 Nov 24;6(11):4760-99. doi: 10.3390/v6114760. PubMed PMID: 25421896; PubMed Central PMCID: PMC4246247.

König A, Döring B, Mohr C, Geipel A, Geyer J, Glebe D. Kinetics of the bile acid transporter and hepatitis B virus receptor Na⁺/taurocholate cotransporting polypeptide (NTCP) in hepatocytes. *J Hepatol*. 2014 Oct;61(4):867-75. doi: 10.1016/j.jhep.2014.05.018. Epub 2014 May 15. PubMed PMID: 24845614.

Köster S, van Pee K, Hudel M, Leustik M, Rhinow D, Kühlbrandt W, Chakraborty T, Yildiz Ö. Crystal structure of listeriolysin O reveals molecular details of oligomerization and pore formation. *Nat Commun*. 2014 Apr 22;5:3690. doi: 10.1038/ncomms4690. PubMed PMID: 24751541.

Lange C, Kampmann B. Preventive chemotherapy for contacts of MDR-TB: is the proof in the pudding? *Int J Tuberc Lung Dis*. 2014 Nov;18(11):1262-3. doi: 10.5588/ijtld.14.0705. PubMed PMID: 25299855.

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. *J Hepatol*. 2015Feb;62(2):398-404. doi: 10.1016/j.jhep.2014.08.038. Epub 2014 Sep 6. PubMed PMID: 25195554.

Latus J, Tenner-Racz K, Racz P, Kitterer D, Cadar D, Ott G, Alscher MD, Schmidt-Chanasit J, Braun N. Detection of Puumala hantavirus antigen in human intestine during acute hantavirus infection. *PLoS One*. 2014 May 23;9(5):e98397. doi: 10.1371/journal.pone.0098397. eCollection 2014. PubMed PMID: 24857988; PubMed Central PMCID: PMC4032337.

Laverde D, Wobser D, Romero-Saavedra F, Hogendorf W, van der Marel G, Berthold M, Kropec A, Codee J, Huebner J. Synthetic teichoic acid conjugate vaccine against nosocomial Gram-positive bacteria. *PLoS One*. 2014 Oct21;9(10):e110953. doi: 10.1371/journal.pone.0110953. eCollection 2014. PubMed PMID: 25333799; PubMed Central PMCID: PMC4205086.

Lei J, Mesters JR, Drosten C, Anemüller S, Ma Q, Hilgenfeld R. Crystal structure of the papain-like protease of MERS coronavirus reveals unusual, potentially druggable active-site features. *Antiviral Res*. 2014 Sep;109:72-

82. doi: 10.1016/j.antiviral.2014.06.011. Epub 2014 Jun 30. PubMed PMID: 24992731.

Li W, Ulm H, Rausch M, Li X, O'Riordan K, Lee JC, Schneider T, Müller CE. Analysis of the *Staphylococcus aureus* capsule biosynthesis pathway in vitro: characterization of the UDP-GlcNAc C6 dehydratases CapD and CapE and identification of enzyme inhibitors. *Int J Med Microbiol.* 2014 Nov;304(8):958-69. doi: 10.1016/j.ijmm.2014.06.002. Epub 2014 Jun 6. PubMed PMID: 25023075.

Linnerbauer S, Behrends U, Adhikary D, Witter K, Bornkamm GW, Mautner J. Virus and autoantigen-specific CD4+ T cells are key effectors in a SCID mouse model of EBV-associated post-transplant lymphoproliferative disorders. *PLoS Pathog.* 2014 May 22;10(5):e1004068. doi: 10.1371/journal.ppat.1004068. eCollection 2014 May. PubMed PMID: 24853673; PubMed Central PMCID: PMC4031221.

Liu DX, Fung TS, Chong KK, Shukla A, Hilgenfeld R. Accessory proteins of SARS-CoV and other coronaviruses. *Antiviral Res.* 2014 Sep;109:97-109. doi: 10.1016/j.antiviral.2014.06.013. Epub 2014 Jul 1. Review. PubMed PMID: 24995382.

Lucifora J, Xia Y, Reisinger F, Stadler D, Heikenwälder M, Protzer U. [Specific degradation of nuclear hepatitis B virus covalently closed circular DNA]. *Med Sci (Paris).* 2014 Aug-Sep;30(8-9):724-6. doi: 10.1051/medsci/20143008003. Epub 2014 Sep 1. French. PubMed PMID: 25174742.

Maetzig T, Kuehle J, Schwarzer A, Turan S, Rothe M, Chaturvedi A, Morgan M, Ha TC, Heuser M, Hammerschmidt W, Baum C, Schambach A. All-in-One inducible lentiviral vector systems based on drug controlled FLP recombinase. *Biomaterials.* 2014 May;35(14):4345-56. doi: 10.1016/j.biomaterials.2014.01.057. Epub 2014 Feb 14. PubMed PMID: 24529624.

Maier L, Diard M, Sellin ME, Chouffane ES, Trautwein-Weidner K, Periaswamy B, Slack E, Dolowschiak T, Stecher B, Loverdo C, Regoes RR, Hardt WD. Granulocytes impose a tight bottleneck upon the gut luminal pathogen population during *Salmonella typhimurium* colitis. *PLoS Pathog.* 2014 Dec 18;10(12):e1004557. doi: 10.1371/journal.ppat.1004557. eCollection 2014 Dec. Erratum in: *PLoS Pathog.* 2015 Jul;11(7):e1005047. PubMed PMID: 25522364; PubMed Central PMCID: PMC4270771.

Maier L, Barthel M, Stecher B, Maier RJ, Gunn JS, Hardt WD. *Salmonella Typhimurium* strain ATCC14028 requires H₂-hydrogenases for growth in the gut, but not at systemic sites. *PLoS One.* 2014 Oct 10;9(10):e110187. doi: 10.1371/journal.pone.0110187. eCollection 2014. PubMed PMID: 25303479; PubMed Central PMCID: PMC4193879.

Manns M, Pol S, Jacobson IM, Marcellin P, Gordon SC, Peng CY, Chang TT, Everson GT, Heo J, Gerken G, Yoffe B, Towner WJ, Bourliere M, Metivier S, Chu CJ, Sievert W, Bronowicki JP, Thabut D, Lee YJ, Kao JH, McPhee F, Kopit J, Mendez P, Linaberry M, Hughes E, Noviello S; HALLMARK-DUAL Study Team. All-oral daclatasvir plus asunaprevir for hepatitis C virus genotype 1b: a multinational, phase 3, multicohort study. *Lancet.* 2014 Nov 1;384(9954):1597-605. doi: 10.1016/S0140-6736(14)61059-X. Epub 2014 Jul 28. Erratum in: *Lancet.* 2014 Nov 1;384(9954):1576. PubMed PMID: 25078304.

Manns MP, Vierling JM, Bacon BR, Bruno S, Shibolet O, Baruch Y, Marcellin P, Caro L, Howe AY, Fandozzi C, Gress J, Gilbert CL, Shaw PM, Cooreman MP, Robertson MN, Hwang P, Dutko FJ, Wahl J, Mobashery N. The combination of MK-5172, peginterferon, and ribavirin is effective in treatment-naïve patients with hepatitis C virus genotype 1 infection without cirrhosis. *Gastroenterology.* 2014 Aug;147(2):366-76.e6. doi: 10.1053/j.gastro.2014.04.006. Epub 2014 Apr 12. PubMed PMID: 24727022.

Masoudi S, Ploen D, Kunz K, Hildt E. The adjuvant component α -tocopherol triggers via modulation of Nrf2 the expression and turnover of hypocretin in vitro and its implication to the development of narcolepsy. *Vaccine*. 2014 May 23;32(25):2980-8. doi: 10.1016/j.vaccine.2014.03.085. Epub 2014 Apr 14. PubMed PMID: 24721530.

Mishra NN, Bayer AS, Weidenmaier C, Grau T, Wanner S, Stefani S, Cafiso V, Bertuccio T, Yeaman MR, Nast CC, Yang SJ. Phenotypic and genotypic characterization of daptomycin-resistant methicillin-resistant *Staphylococcus aureus* strains: relative roles of mprF and dlt operons. *PLoS One*. 2014 Sep 16;9(9):e107426. doi: 10.1371/journal.pone.0107426. eCollection 2014. PubMed PMID: 25226591; PubMed Central PMCID: PMC4166420.

Murray CJ, Ortblad KF, Guinovart C, Lim SS, Wolock TM, Roberts DA, Dansereau EA, Graetz N, Barber RM, Brown JC, Wang H, Duber HC, Naghavi M, Dicker D, Dandona L, Salomon JA, Heuton KR, Foreman K, Phillips DE, Fleming TD, Flaxman AD, Phillips BK, Johnson EK, Coggeshall MS, Abd-Allah F, Abera SF, Abraham JP, Abubakar I, Abu-Raddad LJ, Abu-Rmeileh NM, Achoki T, Adeyemo AO, Adou AK, Adsuar JC, Agardh EE, Akena D, Al Kahbouri MJ, Alasfoor D, Albittar MI, Alcalá-Cerra G, Alegretti MA, Alemu ZA, Alfonso-Cristancho R, Alhabib S, Ali R, Alla F, Allen PJ, Alsharif U, Alvarez E, Alvis-Guzman N, Amankwa AA, Amare AT, Amini H, Ammar W, Anderson BO, Antonio CA, Anwari P, Arnlöv J, Arsenijevic VS, Artaman A, Asghar RJ, Assadi R, Atkins LS, Badawi A, Balakrishnan K, Banerjee A, Basu S, Beardsley J, Bekele T, Bell ML, Bernabe E, Beyene TJ, Bhala N, Bhalla A, Bhutta ZA, Abdulhak AB, Binagwaho A, Blore JD, Basara BB, Bose D, Brainin M, Breitborde N, Castañeda-Orjuela CA, Catalá-López F, Chadha VK, Chang JC, Chiang PP, Chuang TW, Colomar M, Cooper LT, Cooper C, Courville KJ, Cowie BC, Criqui MH, Dandona R, Dayama A, De Leo D, Degenhardt L, Del Pozo-Cruz B, Deribe K, Des Jarlais DC, Dessalegn M, Dharmaratne SD, Dilmen U, Ding EL, Driscoll TR, Durrani AM, Ellenbogen RG, Ermakov SP, Esteghamati A, Faraon EJ, Farzadfar F, Fereshtehnejad SM, Fijabi DO, Forouzanfar MH, Fra Paleo U, Gaffikin L, Gamkrelidze A, Gankpé FG, Geleijnse JM, Gessner BD, Gibney KB, Ginawi IA, Glaser EL, Gona P, Goto A, Gouda HN, Gugrani HC, Gupta R, Gupta R, Hafezi-Nejad N, Hamadeh RR, Hammami M, Hankey GJ, Harb HL, Haro JM, Havmoeller R, Hay SI, Hedayati MT, Pi IB, Hoek HW, Hornberger JC, Hosgood HD, Hotez PJ, Hoy DG, Huang JJ, Iburg KM, Idrisov BT, Innos K, Jacobsen KH, Jeemon P, Jensen PN, Jha V, Jiang G, Jonas JB, Juel K, Kan H, Kankindi I, Karam NE, Karch A, Karema CK, Kaul A, Kawakami N, Kazi DS, Kemp AH, Kengne AP, Keren A, Kereselidze M, Khader YS, Khalifa SE, Khan EA, Khang YH, Khonelidze I, Kinfu Y, Kinge JM, Knibbs L, Kokubo Y, Kosen S, Defo BK, Kulkarni VS, Kulkarni C, Kumar K, Kumar RB, Kumar GA, Kwan GF, Lai T, Balaji AL, Lam H, Lan Q, Lansingh VC, Larson HJ, Larsson A, Lee JT, Leigh J, Leinsalu M, Leung R, Li Y, Li Y, De Lima GM, Lin HH, Lipshultz SE, Liu S, Liu Y, Lloyd BK, Lotufo PA, Machado VM, Maclachlan JH, Magis-Rodriguez C, Majdan M, Mapoma CC, Marcenes W, Marzan MB, Masci JR, Mashal MT, Mason-Jones AJ, Mayosi BM, Mazorodze TT, Mckay AC, Meaney PA, Mehndiratta MM, Mejia-Rodriguez F, Melaku YA, Memish ZA, Mendoza W, Miller TR, Mills EJ, Mohammad KA, Mokdad AH, Mola GL, Monasta L, Montico M, Moore AR, Mori R, Moturi WN, Mukaigawara M, Murthy KS, Naheed A, Naidoo KS, Naldi L, Nangia V, Narayan KM, Nash D, Nejjari C, Nelson RG, Neupane SP, Newton CR, Ng M, Nisar MI, Nolte S, Norheim OF, Nowaseb V, Nyakarahuka L, Oh IH, Ohkubo T, Olusanya BO, Omer SB, Opio JN, Orisakwe OE, Pandian JD, Papachristou C, Caicedo AJ, Patten SB, Paul VK, Pavlin BI, Pearce N, Pereira DM, Pervaiz A, Pesudovs K, Petzold M, Pourmalek F, Qato D, Quezada AD, Quistberg DA, Rafay A, Rahimi K, Rahimi-Movaghar V, Ur Rahman S, Raju N, Rana SM, Razavi H, Reilly RQ, Remuzzi G, Richardus JH, Ronfani L, Roy N, Sabin N, Saeedi MY, Sahraian MA, Samonte GM, Sawhney M, Schneider IJ, Schwebel DC, Seedat S, Sepanlou SG, Servan-Mori EE, Sheikhbahaei S, Shibuya K, Shin HH, Shiue I, Shivakoti R, Sigfusdottir ID, Silberberg DH, Silva AP, Simard EP, Singh JA, Skirbekk V, Sliwa K, Soneji S, Soshnikov SS, Sreeramareddy CT, Stathopoulou VK, Stroumpoulis K, Swaminathan S, Sykes BL, Tabb KM, Talongwa RT, Tenkorang EY, Terkawi AS, Thomson AJ, Thorne-Lyman

AL, Towbin JA, Traebert J, Tran BX, Dimbuene ZT, Tsilimbaris M, Uchendu US, Ukwaja KN, Uzun SB, Vallely AJ, Vasankari TJ, Venketasubramanian N, Violante FS, Vlassov VV, Vollset SE, Waller S, Wallin MT, Wang L, Wang X, Wang Y, Weichenthal S, Weiderpass E, Weintraub RG, Westerman R, White RA, Wilkinson JD, Williams TN, Woldeyohannes SM, Wong JQ, Xu G, Yang YC, Yano Y, Yentur GK, Yip P, Yonemoto N, Yoon SJ, Younis M, Yu C, Jin KY, El Sayed Zaki M, Zhao Y, Zheng Y, Zhou M, Zhu J, Zou XN, Lopez AD, Vos T. Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet*. 2014 Sep 13;384(9947):1005-70. doi: 10.1016/S0140-6736(14)60844-8. Epub 2014 Jul 22. Erratum in: *Lancet*. 2014 Sep 13;384(9947):956. *Lancet*. 2014 Oct25;384(9953):1504. PubMed PMID: 25059949; PubMed Central PMCID: PMC4202387.

Mushi MF, Mshana SE, Imirzalioglu C, Bwanga F. Carbapenemase genes among multidrug resistant gram negative clinical isolates from a tertiary hospital in Mwanza, Tanzania. *Biomed Res Int*. 2014;2014:303104. doi: 10.1155/2014/303104. Epub 2014 Feb 24. PubMed PMID: 24707481; PubMed Central PMCID: PMC3953670.

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*. 2015Feb;59(2):772-81. doi: 10.1128/AAC.02663-14. Epub 2014 Nov 17. PubMed PMID: 25403671; PubMed Central PMCID: PMC4335874.

Nedialkova LP, Denzler R, Koepfel MB, Diehl M, Ring D, Wille T, Gerlach RG, Stecher B. Inflammation fuels colicin Ib-dependent competition of *Salmonella* serovar Typhimurium and *E. coli* in enterobacterial blooms. *PLoS Pathog*. 2014 Jan;10(1):e1003844. doi: 10.1371/journal.ppat.1003844. Epub 2014 Jan 2. PubMed PMID: 24391500; PubMed Central PMCID: PMC3879352.

Niemann S, Supply P. Diversity and evolution of *Mycobacterium tuberculosis*: moving to whole-genome-based approaches. *Cold Spring Harb Perspect Med*. 2014 Sep 4;4(12):a021188. doi: 10.1101/cshperspect.a021188. Review. PubMed PMID: 25190252.

Nurjadi D, Olalekan AO, Layer F, Shittu AO, Alabi A, Ghebremedhin B, Schaumburg F, Hofmann-Eifler J, Van Genderen PJ, Caumes E, Fleck R, MockenhauptFP, Herrmann M, Kern WV, Abdulla S, Grobusch MP, Kreamsner PG, Wolz C, Zanger P. Emergence of trimethoprim resistance gene *dfpG* in *Staphylococcus aureus* causing human infection and colonization in sub-Saharan Africa and its import to Europe. *J Antimicrob Chemother*. 2014 Sep;69(9):2361-8. doi: 10.1093/jac/dku174. Epub 2014 May 22. PubMed PMID: 24855123.

Odendahl M, Grigoleit GU, Bönig H, Neuenhahn M, Albrecht J, Anderl F, Germeroth L, Schmitz M, Bornhäuser M, Einsele H, Seifried E, Busch DH, Tonn T. Clinical-scale isolation of 'minimally manipulated' cytomegalovirus-specific donor lymphocytes for the treatment of refractory cytomegalovirus disease. *Cytotherapy*. 2014 Sep;16(9):1245-56. doi: 10.1016/j.jcyt.2014.05.023. PubMed PMID: 25108651.

Oestereich L, Rieger T, Neumann M, Bernreuther C, Lehmann M, Krasemann S, Wurr S, Emmerich P, de Lamballerie X, Ölschläger S, Günther S. Evaluation of antiviral efficacy of ribavirin, arbidol, and T-705 (favipiravir) in a mouse model for Crimean-Congo hemorrhagic fever. *PLoS Negl Trop Dis*. 2014 May 1;8(5):e2804. doi: 10.1371/journal.pntd.0002804. eCollection 2014 May. PubMed PMID: 24786461; PubMed Central PMCID: PMC4006714.

Oestereich L, Lüdtker A, Wurr S, Rieger T, Muñoz-Fontela C, Günther S. Successful treatment of advanced Ebola virus infection with T-705 (favipiravir)

in a small animal model. *Antiviral Res.* 2014 May;105:17-21. doi: 10.1016/j.antiviral.2014.02.014. Epub 2014 Feb 26. PubMed PMID: 24583123.

Olaru ID, von Groote-Bidlingmaier F, Heyckendorf J, Yew WW, Lange C, Chang 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.

Olaru ID, Heyckendorf J, Grossmann S, Lange C. Time to culture positivity and sputum smear microscopy during tuberculosis therapy. *PLoS One.* 2014 Aug 29;9(8):e106075. doi: 10.1371/journal.pone.0106075. eCollection 2014. PubMed PMID: 25171337; PubMed Central PMCID: PMC4149502.

Oßwald C, Zaburannyi N, Burgard C, Hoffmann T, Wenzel SC, Müller R. A highly unusual polyketide synthase directs dawenol polyene biosynthesis in *Stigmatella aurantiaca*. *J Biotechnol.* 2014 Dec 10;191:54-63. doi: 10.1016/j.jbiotec.2014.07.447. Epub 2014 Aug 4. PubMed PMID: 25102237.

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 Nrf2 activation in HBV genotype G expressing cells lead to an increased ROI level. *J Hepatol.* 2015 Apr;62(4):791-8. doi: 10.1016/j.jhep.2014.11.028. Epub 2014 Nov 28. PubMed PMID: 25445396.

Peter S, Wolz C, Kaase M, Marschal M, Schulte B, Vogel W, Autenrieth I, Willmann M. Emergence of *Citrobacter freundii* carrying IMP-8 metallo- β -lactamase in Germany. *New Microbes New Infect.* 2014 Mar;2(2):42-5. doi: 10.1002/nmi.2.36. Epub 2014 Mar 20. PubMed PMID: 25356340; PubMed Central PMCID: PMC4184589.

Pfeil J, Sepp KJ, Heiss K, Meister M, Mueller AK, Borrmann S. Protection against malaria by immunization with non-attenuated sporozoites under single-dose piperazine-tetraphosphate chemoprophylaxis. *Vaccine.* 2014 Oct 14;32(45):6005-11. doi: 10.1016/j.vaccine.2014.07.112. Epub 2014 Sep 6. PubMed PMID: 25203450.

Pfeil J, Tabatabai J, Sander A, Ries M, Grulich-Henn J, Schnitzler P. Screening for respiratory syncytial virus and isolation strategies in children hospitalized with acute respiratory tract infection. *Medicine (Baltimore).* 2014 Nov;93(25):e144. doi: 10.1097/MD.000000000000144. PubMed PMID: 25437026; PubMed Central PMCID: PMC4616380.

Pfeil J, Borrmann S, Tozan Y. Dihydroartemisinin-piperazine vs. artemether-lumefantrine for first-line treatment of uncomplicated malaria in African children: a cost-effectiveness analysis. *PLoS One.* 2014 Apr 18;9(4):e95681. doi: 10.1371/journal.pone.0095681. eCollection 2014. PubMed PMID: 24748395; PubMed Central PMCID: PMC3991722.

Pischke S, Behrendt P, Bock CT, Jilg W, Manns MP, Wedemeyer H. Hepatitis E in Germany--an under-reported infectious disease. *Dtsch Arztebl Int.* 2014 Sep 1;111(35-36):577-83. doi: 10.3238/arztebl.2014.0577. Review. PubMed PMID: 25249359; PubMed Central PMCID: PMC4174681.

Pogoda M, Bosse JB, Conzelmann KK, Koszinowski UH, Ruzsics Z. A modified screening system for loss-of-function and dominant negative alleles of essential MCMV genes. *PLoS One.* 2014 Apr 14;9(4):e94918. doi: 10.1371/journal.pone.0094918. eCollection 2014. PubMed PMID: 24733555; PubMed Central PMCID: PMC3986410.

Preisitsch M, Harmrolfs K, Pham HT, Heiden SE, Füssel A, Wiesner C, Pretsch A, Swiatecka-Hagenbruch M, Niedermeyer TH, Müller R, Mundt S. Anti-MRSA-acting carbamidocyclophanes H-L from the Vietnamese cyanobacterium *Nostoc* sp. CAVN2. *J 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.

Price PJ, Luckow B, Torres-Domínguez LE, Brandmüller C, Zorn J, Kirschning CJ, Sutter G, Lehmann MH. Chemokine (C-C Motif) receptor 1 is required for efficient recruitment of neutrophils during respiratory infection with modified vaccinia virus Ankara. *J Virol*. 2014 Sep;88(18):10840-50. doi: 10.1128/JVI.01524-14. Epub 2014 Jul 9. PubMed PMID: 25008920; PubMed Central PMCID: PMC4178879.

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

Raju R, Gromyko O, Fedorenko V, Luzketskyy A, Müller R. Albaflavenol B, a 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.

Raju R, Garcia R, Müller R. Angiolactone, a new butyrolactone isolated from the terrestrial myxobacterium, *Angiococcus* sp. *J Antibiot* (Tokyo). 2014 Oct;67(10):725-6. doi: 10.1038/ja.2014.55. Epub 2014 May 7. PubMed PMID: 24802213.

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.

Ringelhan M, Reisinger F, Yuan D, Weber A, Heikenwalder M. Modeling human liver cancer heterogeneity: virally induced transgenic models and mouse genetic models of chronic liver inflammation. *Curr Protoc Pharmacol*. 2014 Dec 1;67:Unit14.31.. doi: 10.1002/0471141755.ph1431s67. PubMed PMID: 25446288.

Rocha-Pereira J, Nascimento MS, Ma Q, Hilgenfeld R, Neyts J, Jochmans D. The enterovirus protease inhibitor rupintrivir exerts cross-genotypic anti-norovirus activity and clears cells from the norovirus replicon. *Antimicrob Agents Chemother*. 2014 Aug;58(8):4675-81. doi: 10.1128/AAC.02546-13. Epub 2014 Jun 2. PubMed PMID: 24890597; PubMed Central PMCID: PMC4136040.

Rockstroh JK, Mohr R, Behrens G, Spengler U. Liver fibrosis in HIV: which role does HIV itself, long-term drug toxicities and metabolic changes play? *Curr Opin HIV AIDS*. 2014 Jul;9(4):365-70. doi: 10.1097/COH.0000000000000064. Review. PubMed PMID: 24840057.

Romero-Saavedra F, Laverde D, Wobser D, Michaux C, Budin-Verneuil A, Bernay B, Benachour A, Hartke A, Huebner J. Identification of peptidoglycan-associated proteins as vaccine candidates for enterococcal infections. *PLoS One*. 2014 Nov 4;9(11):e111880. doi: 10.1371/journal.pone.0111880. eCollection 2014. PubMed PMID: 25369230; PubMed Central PMCID: PMC4219796.

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.

Schieferdecker S, Exner TE, Gross H, Roth M, Nett M. New myxothiazols from the predatory bacterium *Myxococcus fulvus*. *J Antibiot (Tokyo)*. 2014 Jul;67(7):519-25. doi: 10.1038/ja.2014.31. Epub 2014 Apr 2. PubMed PMID: 24690915.

Schmidt A, Belaouaj A, Bissinger R, Koller G, Malleret L, D'Orazio C, Facchinelli M, Schulte-Hubbert B, Molinaro A, Holst O, Hammermann J, Schniederjans M, Meyer KC, Damkiaer S, Piacentini G, Assael B, Bruce K, Häußler S, LiPuma JJ, Seelig J, Worlitzsch D, Döring G. Neutrophil elastase-mediated increase in airway temperature during inflammation. *J Cyst Fibros*. 2014 Dec;13(6):623-31. doi: 10.1016/j.jcf.2014.03.004. Epub 2014 Apr 6. PubMed PMID: 24713593.

Schmiedel J, Falgenhauer L, Domann E, Bauerfeind R, Prenger-Berninghoff E, Imirzalioglu C, Chakraborty T. Multiresistant extended-spectrum β -lactamase-producing Enterobacteriaceae from humans, companion animals and horses in central Hesse, Germany. *BMC Microbiol*. 2014 Jul 12;14:187. doi: 10.1186/1471-2180-14-187. PubMed PMID: 25014994; PubMed Central PMCID: PMC4105247.

Schmitt C, Raggub L, Linnenweber-Held S, Adams O, Schwarz A, Heim A. Donor origin of BKV replication after kidney transplantation. *J Clin Virol*. 2014 Feb;59(2):120-5. doi: 10.1016/j.jcv.2013.11.009. Epub 2013 Dec 1. PubMed PMID: 24361208.

Schneider T, Müller A, Miess H, Gross H. Cyclic lipopeptides as antibacterial agents - potent antibiotic activity mediated by intriguing mode of actions. *Int J Med Microbiol*. 2014 Jan;304(1):37-43. doi: 10.1016/j.ijmm.2013.08.009. Epub 2013 Sep 4. Review. PubMed PMID: 24119568.

Scholz HC, Pearson T, Hornstra H, Projahn M, Terzioglu R, Wernery R, Georgi E, Riehm JM, Wagner DM, Keim PS, Joseph M, Johnson B, Kinne J, Jose S, Hepp CM, Witte A, Wernery U. Genotyping of *Burkholderia mallei* from an outbreak of glanders in Bahrain suggests multiple introduction events. *PLoS Negl Trop Dis*. 2014 Sep 25;8(9):e3195. doi: 10.1371/journal.pntd.0003195. eCollection 2014 Sep. PubMed PMID: 25255232; PubMed Central PMCID: PMC4177748.

Schulte B, Eickmeyer H, Heininger A, Juretzek S, Karrasch M, Denis O, Roisin S, Pletz MW, Klein M, Barth S, Lüdke GH, Thews A, Torres A, Cillóniz C, Straube E, Autenrieth IB, Keller PM. Detection of pneumonia associated pathogens using a prototype multiplexed pneumonia test in hospitalized patients with severe pneumonia. *PLoS One*. 2014 Nov 14;9(11):e110566. doi: 10.1371/journal.pone.0110566. eCollection 2014. PubMed PMID: 25397673; PubMed Central PMCID: PMC4232251.

Schäffler H, Demircioglu DD, Kühner D, Menz S, Bender A, Autenrieth IB, Bodammer P, Lamprecht G, Götz F, Frick JS. NOD2 stimulation by *Staphylococcus aureus*-derived peptidoglycan is boosted by Toll-like receptor 2 costimulation with lipoproteins in dendritic cells. *Infect Immun*. 2014 Nov;82(11):4681-8. doi: 10.1128/IAI.02043-14. Epub 2014 Aug 25. PubMed PMID: 25156723; PubMed Central PMCID: PMC4249339.

Schüle SA, Clowes P, Kroidl I, Kowuor DO, Nsojo A, Mangu C, Riess H, Geldmacher C, Laubender RP, Mhina S, Maboko L, Löscher T, Hoelscher M, Saathoff E. *Ascaris lumbricoides* infection and its relation to environmental factors in the Mbeya region of Tanzania, a cross-sectional, population-based study. *PLoS One*. 2014 Mar 18;9(3):e92032. doi: 10.1371/journal.pone.0092032. eCollection 2014. PubMed PMID: 24643023; PubMed Central PMCID: PMC3958400.

Sidze LK, Mouafo Tekwu E, Kuaban C, Assam Assam JP, Tedom JC, Eyangoh S, Fouda FX, Nolna D, Ntoumi F, Frank M, Penlap Beng VN. Strong decrease in streptomycin-resistance and absence of XDR 12 years after the

Reorganization of the National Tuberculosis Control Program in the Central Region of Cameroon. *PLoS One*. 2014 Jun 5;9(6):e98374. doi: 10.1371/journal.pone.0098374. eCollection 2014. PubMed PMID: 24901982; PubMed Central PMCID: PMC4047025.

Slegers CA, Keuter M, Günther S, Schmidt-Chanasit J, van der Ven AJ, de Mast Q. Persisting arthralgia due to Mayaro virus infection in a traveler from Brazil: is there a risk for attendants to the 2014 FIFA World Cup? *J Clin Virol*. 2014 Jul;60(3):317-9. doi: 10.1016/j.jcv.2014.04.020. Epub 2014 May 6. PubMed PMID: 24856445.

Sousa AF, Gomes-Alves AG, Benítez D, Comini MA, Flohé L, Jaeger T, Passos J, Stuhlmann F, Tomás AM, Castro H. Genetic and chemical analyses reveal thattrypothione synthetase but not glutathionylspermidine synthetase is essential for *Leishmania infantum*. *Free Radic Biol Med*. 2014 Aug;73:229-38. doi: 10.1016/j.freeradbiomed.2014.05.007. Epub 2014 May 20. PubMed PMID: 24853758.

Spohn M, Kirchner N, Kulik A, Jochim A, Wolf F, Muenzer P, Borst O, Gross H, Wohlleben W, Stegmann E. Overproduction of Ristomycin A by activation of a silent gene cluster in *Amycolatopsis japonicum* MG417-CF17. *Antimicrob Agents Chemother*. 2014 Oct;58(10):6185-96. doi: 10.1128/AAC.03512-14. Epub 2014 Aug 11. PubMed PMID: 25114137; PubMed Central PMCID: PMC4187939.

Surup F, Kuhnert E, Lehmann E, Heitkämper S, Hyde KD, Fournier J, Stadler M. Sporothriolide derivatives as chemotaxonomic markers for *Hypoxylon monticulosum*. *Mycology*. 2014 Jul 3;5(3):110-119. Epub 2014 Jun 26. PubMed PMID: 25379335; PubMed Central PMCID: PMC4205897.

Surup F, Viehrig K, Mohr KI, Herrmann J, Jansen R, Müller R. Disciformycins A and B: 12-membered macrolide glycoside antibiotics from the myxobacterium *Pyxidicoccus fallax* active against multiresistant staphylococci. *Angew Chem IntEd Engl*. 2014 Dec 1;53(49):13588-91. doi: 10.1002/anie.201406973. Epub 2014 Oct 7. PubMed PMID: 25294799.

Tabatabai J, Prifert C, Pfeil J, Grulich-Henn J, Schnitzler P. Novel respiratory syncytial virus (RSV) genotype ON1 predominates in Germany during winter season 2012-13. *PLoS One*. 2014 Oct 7;9(10):e109191. doi: 10.1371/journal.pone.0109191. eCollection 2014. PubMed PMID: 25290155; PubMed Central PMCID: PMC4188618.

Tacconelli E, Peschel A, Autenrieth IB. Translational research strategy: an essential approach to fight the spread of antimicrobial resistance. *J Antimicrob Chemother*. 2014 Nov;69(11):2889-91. doi: 10.1093/jac/dku244. Epub 2014 Jul 9. Review. PubMed PMID: 25011653.

Taranta A, Rogalska-Taranta M, Gutierrez R, Manns MP, Bock M, Wursthorn K. Rapid hepatitis B and hepatitis Delta virus RNA quantification from small-sized liver tissue samples. *J Clin Virol*. 2014 Oct;61(2):286-8. doi: 10.1016/j.jcv.2014.07.016. Epub 2014 Aug 2. PubMed PMID: 25151628.

Theron G, Zijenah L, Chanda D, Clowes P, Rachow A, Lesosky M, Bara W, Mungofa S, Pai M, Hoelscher M, Dowdy D, Pym A, Mwaba P, Mason P, Peter J, Dheda K; TB-NEAT team. Feasibility, accuracy, and clinical effect of point-of-care Xpert MTB/RIF testing for tuberculosis in primary-care settings in Africa: a multicentre, randomised, controlled trial. *Lancet*. 2014 Feb 1;383(9915):424-35. doi: 10.1016/S0140-6736(13)62073-5. Epub 2013 Oct 28. PubMed PMID: 24176144.

Valentin L, Sharp H, Hille K, Seibt U, Fischer J, Pfeifer Y, Michael GB, Nickel S, Schmiedel J, Falgenhauer L, Friese A, Bauerfeind R, Roesler U, Imirzalioglu C, Chakraborty T, Helmuth R, Valenza G, Werner G, Schwarz S, Guerra B, Appel B, Kreienbrock L, Käsbohrer A. Subgrouping of ESBL-producing *Escherichia coli* from animal and human sources: an approach to

quantify the distribution of ESBL types between different reservoirs. *Int J Med Microbiol.* 2014 Oct;304(7):805-16. doi: 10.1016/j.ijmm.2014.07.015. Epub 2014 Aug 2. PubMed PMID: 25213631.

Van der Linden L, Ulferts R, Nabuurs SB, Kusov Y, Liu H, George S, Lacroix C, Goris N, Lefebvre D, Lanke KH, De Clercq K, Hilgenfeld R, Neyts J, van Kuppeveld FJ. Application of a cell-based protease assay for testing inhibitors of picornavirus 3C proteases. *Antiviral Res.* 2014 Mar;103:17-24. doi: 10.1016/j.antiviral.2013.12.012. Epub 2014 Jan 4. PubMed PMID: 24393668.

Vehreschild MJ, Weitershagen D, Biehl LM, Tacke D, Waldschmidt D, Töx U, Wisplinghoff H, Bergwelt-Baildon MV, Cornely OA, Vehreschild JJ. *Clostridium difficile* infection in patients with acute myelogenous leukemia and in patients undergoing allogeneic stem cell transplantation: epidemiology and risk factor analysis. *Biol Blood Marrow Transplant.* 2014 Jun;20(6):823-8. doi: 10.1016/j.bbmt.2014.02.022. Epub 2014 Mar 6. PubMed PMID: 24607558.

Vehreschild MJ, Hamprecht A, Peterson L, Schubert S, Häntschel M, Peter S, Schafhausen P, Rohde H, Lilienfeld-Toal MV, Bekeredjian-Ding I, Libam J, Hellmich M, Vehreschild JJ, Cornely OA, Seifert H. A multicentre cohort study on colonization and infection with ESBL-producing Enterobacteriaceae in high-risk patients with haematological malignancies. *J Antimicrob Chemother.* 2014 Dec;69(12):3387-92. doi: 10.1093/jac/dku305. Epub 2014 Aug 6. PubMed PMID: 25103492.

Vereide DT, Seto E, Chiu YF, Hayes M, Tagawa T, Grundhoff A, Hammerschmidt W, Sugden B. Epstein-Barr virus maintains lymphomas via its miRNAs. *Oncogene.* 2014 Mar 6;33(10):1258-64. doi: 10.1038/onc.2013.71. Epub 2013 Mar 18. PubMed PMID: 23503461; PubMed Central PMCID: PMC3690170.

Volz A, Langenmayer M, Jany S, Kalinke U, Sutter G. Rapid expansion of CD8+ T cells in wild-type and type I interferon receptor-deficient mice correlates with protection after low-dose emergency immunization with modified vaccinia virus Ankara. *J Virol.* 2014 Sep;88(18):10946-57. doi: 10.1128/JVI.00945-14. Epub 2014 Jul 9. PubMed PMID: 25008931; PubMed Central PMCID: PMC4178859.

Weber T. In silico tools for the analysis of antibiotic biosynthetic pathways. *Int J Med Microbiol.* 2014 May;304(3-4):230-5. doi: 10.1016/j.ijmm.2014.02.001. Epub 2014 Feb 19. Review. PubMed PMID: 24631213.

Wehner S, Mannala GK, Qing X, Madhugiri R, Chakraborty T, Mraheil MA, Hain T, Marz M. Detection of very long antisense transcripts by whole transcriptome RNA-Seq analysis of *Listeria monocytogenes* by semiconductor sequencing technology. *PLoS One.* 2014 Oct 6;9(10):e108639. doi: 10.1371/journal.pone.0108639. eCollection 2014. PubMed PMID: 25286309; PubMed Central PMCID: PMC4186813.

Weiterer S, Uhle F, Bhujju S, Jarek M, Weigand MA, Bartkuhn M. From human monocytes to genome-wide binding sites--a protocol for small amounts of blood: monocyte isolation/ChIP-protocol/library amplification/genome wide computational data analysis. *PLoS One.* 2014 Apr 14;9(4):e94164. doi: 10.1371/journal.pone.0094164. eCollection 2014. PubMed PMID: 24732314; PubMed Central PMCID: PMC3986051.

Weller N, Clowes P, Dobler G, Saathoff E, Kroidl I, Ntinginya NE, Maboko L, Löscher T, Hoelscher M, Heinrich N. Seroprevalence of alphavirus antibodies in a cross-sectional study in southwestern Tanzania suggests endemic circulation of chikungunya. *PLoS Negl Trop Dis.* 2014 Jul 31;8(7):e2979. doi: 10.1371/journal.pntd.0002979. eCollection 2014. PubMed PMID: 25079964; PubMed Central PMCID: PMC4117434.

Willmann M, Klimek AM, Vogel W, Liese J, Marschal M, Autenrieth IB, Peter S, Buhl M. Clinical and treatment-related risk factors for nosocomial colonisation with extensively drug-resistant *Pseudomonas aeruginosa* in a haematological patient population: a matched case control study. *BMC Infect Dis*. 2014 Dec 10;14:650. doi: 10.1186/s12879-014-0650-9. PubMed PMID: 25490897; PubMed Central PMCID: PMC4266216.

Winstel V, Xia G, Peschel A. Pathways and roles of wall teichoic acid glycosylation in *Staphylococcus aureus*. *Int J Med Microbiol*. 2014 May;304(3-4):215-21. doi: 10.1016/j.ijmm.2013.10.009. Epub 2013 Nov 1. Review. PubMed PMID: 24365646.

Wisskirchen K, Lucifora J, Michler T, Protzer U. New pharmacological strategies to fight enveloped viruses. *Trends Pharmacol Sci*. 2014 Sep;35(9):470-8. doi: 10.1016/j.tips.2014.06.004. Epub 2014 Aug 6. Review. PubMed PMID: 25108320.

Wolf T, Kann G, Becker S, Stephan C, Brodt HR, de Leuw P, Grünewald T, Vogl T, Kempf VA, Keppler 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.

Wranke A, Heidrich B, Ernst S, Calle Serrano B, Caruntu FA, Curescu MG, Yalcin K, Gürel S, Zeuzem S, Erhardt A, Lüth S, Papatheodoridis GV, Bremer B, Stift J, Grabowski J, Kirschner J, Port K, Cornberg M, Falk CS, Dienes HP, Hardtke S, Manns MP, Yurdaydin C, Wedemeyer H; HIDIT-2 Study Group. Anti-HDV IgM as a marker of disease activity in hepatitis delta. *PLoS One*. 2014 Jul 29;9(7):e101002. doi: 10.1371/journal.pone.0101002. eCollection 2014. PubMed PMID: 25072849; PubMed Central PMCID: PMC4114528.

Xia G, Wolz C. Phages of *Staphylococcus aureus* and their impact on host evolution. *Infect Genet Evol*. 2014 Jan;21:593-601. doi: 10.1016/j.meegid.2013.04.022. Epub 2013 May 6. Review. PubMed PMID: 23660485.

Ye Z, Musiol EM, Weber T, Williams GJ. Reprogramming acyl carrier protein interactions of an Acyl-CoA promiscuous trans-acyltransferase. *Chem Biol*. 2014 May 22;21(5):636-46. doi: 10.1016/j.chembiol.2014.02.019. Epub 2014 Apr 10. PubMed PMID: 24726832; PubMed Central PMCID: PMC4035391.

Yew WW, Lange C. Linezolid in the treatment of drug-resistant tuberculosis: the way forward? *Int J Tuberc Lung Dis*. 2014 Jun;18(6):631-2. doi: 10.5588/ijtld.14.0191. PubMed PMID: 24903928.

151: Zammarchi L, Stella G, Mantella A, Bartolozzi D, Tappe D, Günther S, Oestereich L, Cadar D, Muñoz-Fontela C, Bartoloni A, Schmidt-Chanasit J. Zika 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.

152: Zettler J, Xia H, Burkard N, Kulik A, Grond S, Heide L, Apel AK. New aminocoumarins from the rare actinomycete *Catenulispora acidiphila* DSM 44928: identification, structure elucidation, and heterologous production. *Chembiochem*. 2014 Mar 3;15(4):612-21. doi: 10.1002/cbic.201300712. Epub 2014 Feb 19. PubMed PMID: 24554531.