

Publications 2010-2012

Title	Authors	Journal
Effect of manganese in test media on in vitro bacterial susceptibility to tigecycline of Enterobacteriaceae and Acinetobacter baumannii	Veenemans J, Mouton JW , Kluytmans JA, Donnelly R, Verhulst C, van Keulen P.	J Clin Microbiol. 2012 Jun 20.
Resistance mechanisms and drug susceptibility testing of nontuberculous mycobacteria	van Ingen J, Boeree MJ, van Soelingen D, Mouton JW .	Drug Resist Updat. 2012 Jun;15(3):149-61.
Extensive Genetic Diversity within the Dutch Clinical Cryptococcus neoformans Population	Hagen F, Illnait-Zaragoz MT, Meis JF, Chew WH, Curfs-Breuker I, Mouton JW , Hoepelman AI, Spanjaard L, Verweij PE, Kampinga GA, Kuijper EJ, Boekhout T, Klaassen CH	J Clin Microbiol. 2012 Jun;50(6):1918-26.
Resistance of Asian Cryptococcus neoformans serotype A is confined to few microsatellite genotypes	Pan W, Khayhan K, Hagen F, Wahyuningsih R, Chakrabarti A, Chowdhary A, Ikeda R, Taj-Aldeen SJ, Khan Z, Imran D, Sjam R, Sriburee P, Liao W, Chaicumpar K, Ingviya N, Mouton JW , Curfs-Breuker I, Boekhout T, Meis JF, Klaassen CH	PLoS One. 2012;7(3):e32868
Epidemiological cutoff values for azoles and Aspergillus fumigatus based on a novel mathematical approach incorporating cyp51A sequence analysis	Meletiadiis J, Mavridou E, Melchers WJ, Mouton JW , Verweij PE.	Antimicrob Agents Chemother. 2012 May;56(5):2524-9.
The role of pharmacokinetics/pharmacodynamics in setting clinical MIC breakpoints: the EUCAST approach	Mouton JW , Brown DF, Apfalter P, Cantn R, Giske CG, Ivanova M, MacGowan AP, Rodloff A, Soussy CJ, Steinbakk M, Kahlmeter G.	Clin Microbiol Infect. 2012 Mar;18(3):E37-45.
Forgotten antibiotics: an inventory in Europe, the United States, Canada, and Australia	Pulcini C, Bush K, Craig WA, Frimodt-Mller N, Grayson ML, Mouton JW , Turnidge J, Harbarth S, Gyssens IC; ESCMID Study Group for Antibiotic Policies	Clin Infect Dis. 2012 Jan 15;54(2):268-74.
EUCAST expert rules in antimicrobial susceptibility testing	Leclercq R, Cantn R, Brown DF, Giske CG, Heisig P, Macgowan AP, Mouton JW , Nordmann P, Rodloff AC, Rossolini GM, Soussy CJ, Steinbakk M, Winstanley TG, Kahlmeter G.	Clin Microbiol Infect. 2011 Oct 21.
Non-adherence to antimicrobial treatment guidelines results in more broad-spectrum but not more appropriate therapy	van der Velden LB, Tromp M, Bleeker-Rovers CP, Hulscher M, Kullberg BJ, Mouton JW , Sturm PD, Pickkers P.	Eur J Clin Microbiol Infect Dis. 2012 Jul;31(7):1561-8.
Wild-type MIC distribution and epidemiological cut-off values in clinical Legionella pneumophila serogroup 1 isolates	Bruin JP, Ijzerman EP, den Boer JW, Mouton JW , Diederens BM.	Diagn Microbiol Infect Dis. 2012 Jan;72(1):103-8.
In vitro activity of isavuconazole against 208 Aspergillus flavus isolates in comparison with 7 other antifungal agents: assessment according to the methodology of the European Committee on Antimicrobial Susceptibility Testing	Rudramurthy SM, Chakrabarti A, Geertsens E, Mouton JW , Meis JF.	Diagn Microbiol Infect Dis. 2011 Dec;71(4):370-7.
Update on antibacterial and antifungal	Theuretzbacher U, Mouton JW .	Curr Opin

drugs - can we master the resistance crisis?		Pharmacol. 2011 Oct;11(5):429-32
Assessment of efficacy of antifungals in experimental models of invasive aspergillosis in an era of emerging resistance: the value of real-time quantitative PCR	Seyedmousavi S, Melchers WJ, Verweij PE, Mouton JW .	Curr Opin Pharmacol. 2011 Oct;11(5):486-93
Relationship between pharmacodynamic indices and killing patterns in vitro	Mouton JW .	Future Microbiol. 2011 Jun;6(6):613-6.
Method for phenotypic detection of extended-spectrum beta-lactamases in enterobacter species in the routine clinical setting	Stuart JC, Diederens B, Al Naiemi N, Fluit A, Arends N, Thijsen S, Vlamincx B, Mouton JW , Leverstein-van Hall M.	J Clin Microbiol. 2011 Jul;49(7):2711-3.
Protein binding: do we ever learn?	Zeitlinger MA, Derendorf H, Mouton JW , Cars O, Craig WA, Andes D, Theuretzbacher U.	Antimicrob Agents Chemother. 2011 Jul;55(7):3067-74
In vitro susceptibility of 188 clinical and environmental isolates of <i>Aspergillus flavus</i> for the new triazole isavuconazole and seven other antifungal drugs	Shivaprakash MR, Geertsens E, Chakrabarti A, Mouton JW , Meis JF.	Mycoses. 2011 Sep;54(5):e583-9
Failure of posaconazole therapy in a renal transplant patient with invasive aspergillosis due to <i>Aspergillus fumigatus</i> with attenuated susceptibility to posaconazole	Kuipers S, Brüggemann RJ, de Sévaux RG, Heesakkers JP, Melchers WJ, Mouton JW , Verweij PE.	Antimicrob Agents Chemother. 2011 Jul;55(7):3564-6.
Conserving antibiotics for the future: new ways to use old and new drugs from a pharmacokinetic and pharmacodynamic perspective	Mouton JW , Ambrose PG, Canton R, Drusano GL, Harbarth S, MacGowan A, Theuretzbacher U, Turnidge J.	Drug Resist Updat. 2011 Apr;14(2):107-17.
Critical shortage of new antibiotics in development against multidrug-resistant bacteria-Time to react is now	Freire-Moran L, Aronsson B, Manz C, Gyssens IC, So AD, Monnet DL, Cars O; ECDC-EMA Working Group	Drug Resist Updat. 2011 Apr;14(2):118-24.
Chlamydia antibody testing and diagnosing tubal pathology in subfertile women: an individual patient data meta-analysis	Broeze KA, Opmeer BC, Coppus SF, Van Geloven N, Alves MF, Anestad G, Bhattacharya S, Allan J, Guerra-Infante MF, Den Hartog JE, Land JA, Idahl A, Van der Linden PJ, Mouton JW , Ng EH, Van der Steeg JW, Steures P, Svenstrup HF, Tiitinen A, Toye B, Van der Veen F, Mol BW.	Hum Reprod Update. 2011 May-Jun;17(3):301-10
Clinical impact of preincubation of blood cultures at 37°C	van der Velden LB, Vos FJ, Mouton JW , Sturm PD.	J Clin Microbiol. 2011 Jan;49(1):275-80.
Impact of cyp51A mutations on the pharmacokinetic and pharmacodynamic properties of voriconazole in a murine model of disseminated aspergillosis	Mavridou E, Brüggemann RJ, Melchers WJ, Verweij PE, Mouton JW .	Antimicrob Agents Chemother. 2010 Nov;54(11):4758-64.
Cephalosporin MIC creep among gonococci: time for a pharmacodynamic rethink?	Chisholm SA, Mouton JW , Lewis DA, Nichols T, Ison CA, Livermore DM.	J Antimicrob Chemother. 2010 Oct;65(10):2141-8.
Prevalence and molecular mechanism of macrolide resistance in beta-haemolytic streptococci in The Netherlands	Buter CC, Mouton JW , Klaassen CH, Handgraaf CM, Sunnen S, Melchers WJ, Sturm PD.	Int J Antimicrob Agents. 2010 Jun;35(6):590-2.
Evaluation of Etest to determine tigecycline MICs for Enterobacter species	Cohen Stuart J, Mouton JW , Diederens BM, Al Naiemi N, Thijsen S, Vlamincx BJ, Fluit AC, Leverstein-van Hall MA.	Antimicrob Agents Chemother. 2010 Jun;54(6):2746-7.
Pharmacokinetics of clindamycin in pregnant women in the peripartum	Muller AE, Mouton JW , Oostvogel PM, Dörr PJ, Voskuyl RA, DeJongh	Antimicrob Agents Chemother. 2010

period	J, Steegers EA, Danhof M.	May;54(5):2175-81
Efficacy of posaconazole against three clinical <i>Aspergillus fumigatus</i> isolates with mutations in the cyp51A gene	Mavridou E, Brüggemann RJ, Melchers WJ, Mouton JW , Verweij PE.	Antimicrob Agents Chemother. 2010 Feb;54(2):860-5