

RECHERCHE CLINIQUE OSTEO-ARTICULAIRE CHU NANTES

Publications écrites

1. Asseray N, Bémer P, Corvec S, Boutoille D, Touchais S, Navas D. Tigecycline option for the treatment of bone and joint infections caused by multidrug-resistant *Staphylococcus epidermidis*. **Joint Bone Spine**. 2012 Jan;**79(1):97-9**. doi: 10.1016/j.jbspin.2011.05.025.
2. Crémet L, Corvec S, Bémer P, Bret L, Lebrun C, Lesimple B, Miegerville AF, Reynaud A, Lepelletier D, Caroff N. Orthopaedic-implant infections by *Escherichia coli*: molecular and phenotypic analysis of the causative strains. **J Infect**. 2012 Feb;**64(2):169-75**. doi: 10.1016/j.jinf.2011.11.010.
3. Henry B, Corvec S, Crémet L, Guillouzouic A, Marraillac J, Juvin ME, Touchais S, Asseray N, Boutoille D, Reynaud A, Bémer P. Genotypic and phenotypic characterization of *Staphylococcus epidermidis* causing chronic relapsing prosthetic joint infections. **Scand J Infect Dis**. 2012 Aug;**44(8):610-4**. doi: 10.3109/00365548.2012.664778.
4. Illiaquer M, Corvec S, Touchais S, Boutoille D, Asseray N, Juvin ME, le Gargasson G, Reynaud A, Crémet L, Bémer P. Anaerobes isolated from bone and joint infections and their susceptibility to antibiotics. **J Infect**. 2012 Nov;**65(5):473-5**. doi: 10.1016/j.jinf.2012.08.012.
5. d'Ersu J, Aubin GG, Mercier P, Nicollet P, Bémer P, Corvec S. Characterization of *Staphylococcus caprae* Clinical Isolates Involved in Human Bone and Joint Infections, Compared with Goat Mastitis Isolates. **J Clin Microbiol**. 2016 Jan;**54(1):106-13**. doi: 10.1128/JCM.01696-15.
6. Aubin GG, Bémer P, Guillouzouic A, Crémet L, Touchais S, Fraquet N, Boutoille D, Reynaud A, Lepelletier D, Corvec S. First Report of a Hip Prosthetic and Joint Infection Caused by *Lactococcus garvieae* in a Woman Fishmonger. **J Clin Microbiol**. 2011 May;**49(5):2074-6**.
7. Aubin GG, Portillo ME, Trampuz A, Corvec S. *Propionibacterium acnes*, an emerging pathogen: from acne to implant-infections, from phylotype to resistance. Review, **Med Mal Infect**. 2014 Jun; **44(6):241-50**.

8. Aubin GG, Lepelletier D, Reynaud A, Lavigne JP, Corvec S. Methicillin-Susceptible *Staphylococcus aureus* CC398: first description in prosthetic joint infection and genetic background comparison with nasal carriage isolates. **J Infect Chemother.** 2014 Jun;**20(6):394-6.**
9. Corvec S, Aubin GG. *In vitro* antibiotic efficacy against staphylococci embedded in a biofilm involved in prosthetic joint infections: An MBEC problem? **Int J Antimicrob Agents.** 2015 Jan;**45(1):90.**
10. Minoza A, Boutoille D, Aubin GG, Hauet P, Grossi O, Touchais S, Bémer P, Corvec S. First report of a *Moraxella catarrhalis* prosthetic joint infection in an immunocompetent woman and review of the literature of hematogenous infection due to throat flora bacteria. **JMM Case report.** 2015.
11. Aubin GG, Furustrand Tabin U, Trampuz A, Corvec S. Molecular characterization of rifampin-resistant *Propionibacterium acnes* isolates involved in biofilm or device-related infections. **Anaerobe.** 2015 May **18;34:116-119.**
12. Aubin GG, Lavigne JP, Guyomarch B, Dina C, Guoin F, Lepelletier D, Corvec S. Staphylokinase and ABO group phenotype: new players of host-pathogen interaction in *Staphylococcus aureus* implant-associated infections. **Future Microbiology.** 2015 Dec;**10:1929-1938.**
13. Aubin GG, Boutoille D, Bourcier R, Caillon J, Lepelletier D, Bémer P, Corvec S. Unusual case of spondylodiscitis due to *Listeria monocytogenes*. **J. Bone Joint Infect.** 2016; **1:7-9.**
14. Corvec S and Aubin GG. Which is the best treatment for prosthetic joint infections due to *Propionibacterium acnes*: need for further biofilm *in vitro* and experimental foreign-body *in vivo* studies? **Acta Orthopaedica.** 2016 Apr **4:1-2**
15. Aubin GG, Bémer P, Guillouzouic A, Launay E, Geffroy L, Touchais S, Corvec S. Failure of combination therapy for *Staphylococcus aureus* bone infection: a case of *in vivo* selection with resistance to rifampicin and fusidic acid. **Infectious Diseases.** 2016 *in press*

Publications affichées

14EMES JOURNEES NATIONALES D'INFECTIOLOGIE. Prise en charge des infections ostéo-articulaires à *Pseudomonas aeruginosa*.. 12 au 14 juin 2013, Clermont-Ferrand.

33EME REUNION DE LA RICAI (Réunion Interdisciplinaire de Chimiothérapie Anti-Infectieuse). Daptomycine dans le traitement des infections ostéo-articulaires : expérience clinico-biologique au CHU de Nantes. 21-22 novembre 2013, Paris.

Communications orales

1. **Aubin GG**, Lasserre C, Caroff N, Lepelletier D, Reynaud A, Lavigne JP, Corvec S. *Staphylococcus aureus* biofilm formation depends on MLST lineage in bone and joint infections. European Bone and Joint Infection Society, Montreux, Suisse, 2012. N°9.
2. **Aubin GG**, Furustrand Tabin U, Trampuz A, Corvec S. Molecular characterization of rifampin-resistant *Propionibacterium acnes* isolates involved in biofilm or device-related infections. European Bone and Joint Infection Society, Prague, République Tchèque, 2013. N°47.
3. **Aubin GG**, Dellière S, P. Bémer, C. Plouzeau-Jayle, D. Tande, Corvec S. Is there a difference in phylotype of *Propionibacterium acnes* strains in terms of origin: spinal material, prosthetic devices and environment? European Bone and Joint Infection Society, Utrecht, Pays-Bas, 2014. N°86.
4. **Aubin GG**, Gouin F, Lepelletier D, Jacqueline C, Ashenoune K, Corvec S. Impact of virulence genetic background and phylogeny of *Propionibacterium acnes* involved in spine-related, prosthesis-associated infections and acne lesions European Bone and Joint Infection Society, Estoril, Portugal, 2015. N°93.
5. **Aubin GG**, Lasserre C, Caroff N, Lepelletier D, Reynaud A, Lavigne JP, Corvec S. Existence d'un lien entre la capacité à produire un biofilm et le complexe clonal des *Staphylococcus aureus* responsables d'infections ostéo-articulaires sur matériel ? Réunion Interdisciplinaire de Chimiothérapie Anti-Infectieuse, Paris, 2012. N°138.
6. Dellières S, Bemer P, **Aubin GG**, Plouzeau-Jayle C, Tandé. D, Corvec S. Existe-t-il une différence de phylotype des souches de *Propionibacterium acnes* en fonction de l'origine : matériel rachidien, matériel prothétique et environnement ? Réunion Interdisciplinaire de Chimiothérapie Anti-Infectieuse, Paris, 2013. N°16.