



High prevalence of closely-related *Acinetobacter baumannii* in pets according to a multicentre study in veterinary clinics, Reunion Island

Submitted by Marie Kempf on Wed, 11/26/2014 - 12:14

Titre	High prevalence of closely-related <i>Acinetobacter baumannii</i> in pets according to a multicentre study in veterinary clinics, Reunion Island
Type de publication	Article de revue
Auteur	Belmonte, Olivier [1], Pailhories, H�el�ene [2], Kempf, Marie [3], Gaultier, Marie-Pierre [4], Lemari�e, Carole [5], Ramont, C [6], Joly-Guillou, Marie-Laure [7], Eveillard, Matthieu [8]
Editeur	Elsevier
Type	Article scientifique dans une revue � comit� de lecture
Ann�e	2014
Langue	Anglais
Date	04/06/2014
Num�ro	3-4
Pagination	446-450
Volume	170
Titre de la revue	Veterinary Microbiology
ISSN	1873-2542
Mots-cl�s	<i>Acinetobacter baumannii</i> [9], <i>Acinetobacter</i> Infections [10], Animals [11], Anti-Bacterial Agents [12], Cats [13], Cross-Sectional Studies [14], Dogs [15], Electrophoresis, Gel, Pulsed-Field [16], Hospitals, Animal [17], Male [18], Microbial Sensitivity Tests [19], Pets [20], Phylogeny [21], Prevalence [22], Reunion [23]
R�sum� en anglais	Our objective was to study the carriage of <i>Acinetobacter baumannii</i> (AB) in pets in Reunion Island (RI), a French territory in Indian Ocean. Overall, 138 pets were sampled (rectum, mouth, wounds if applicable) in 9 veterinary clinics (VC). The prevalence of AB carriage was 6.5% (95%CI; 2.4, 10.6) and 9 carriers were identified from 4 VC. Hospitalization in a VC and antimicrobial treatment administered within the 15 preceding days were significantly associated with AB carriage ($P < 0.01$ and $P < 0.05$, respectively). Despite the VC in which animals have been sampled were located all around RI, most isolates (8/9) were closely-related (>90% similarity by pulsed-field gel electrophoresis). Additional studies are needed to improve the understanding about interactions between the different reservoirs of AB in RI.
URL de la notice	http://okina.univ-angers.fr/publications/ua5538 [24]
DOI	10.1016/j.vetmic.2014.01.042 [25]
Lien vers le document	http://dx.doi.org/10.1016/j.vetmic.2014.01.042 [25]
Titre abr�g�	Vet Microbiol.

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=19476](http://okina.univ-angers.fr/publications?f[author]=19476)
- [2] <http://okina.univ-angers.fr/hpailhor/publications>
- [3] <http://okina.univ-angers.fr/marie.kempf/publications>
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=19491](http://okina.univ-angers.fr/publications?f[author]=19491)
- [5] [http://okina.univ-angers.fr/publications?f\[author\]=20159](http://okina.univ-angers.fr/publications?f[author]=20159)
- [6] [http://okina.univ-angers.fr/publications?f\[author\]=9252](http://okina.univ-angers.fr/publications?f[author]=9252)
- [7] <http://okina.univ-angers.fr/m.joly/publications>
- [8] <http://okina.univ-angers.fr/matthieu.eveillard/publications>
- [9] [http://okina.univ-angers.fr/publications?f\[keyword\]=9266](http://okina.univ-angers.fr/publications?f[keyword]=9266)
- [10] [http://okina.univ-angers.fr/publications?f\[keyword\]=10151](http://okina.univ-angers.fr/publications?f[keyword]=10151)
- [11] [http://okina.univ-angers.fr/publications?f\[keyword\]=964](http://okina.univ-angers.fr/publications?f[keyword]=964)
- [12] [http://okina.univ-angers.fr/publications?f\[keyword\]=10152](http://okina.univ-angers.fr/publications?f[keyword]=10152)
- [13] [http://okina.univ-angers.fr/publications?f\[keyword\]=10153](http://okina.univ-angers.fr/publications?f[keyword]=10153)
- [14] [http://okina.univ-angers.fr/publications?f\[keyword\]=6089](http://okina.univ-angers.fr/publications?f[keyword]=6089)
- [15] [http://okina.univ-angers.fr/publications?f\[keyword\]=10154](http://okina.univ-angers.fr/publications?f[keyword]=10154)
- [16] [http://okina.univ-angers.fr/publications?f\[keyword\]=10155](http://okina.univ-angers.fr/publications?f[keyword]=10155)
- [17] [http://okina.univ-angers.fr/publications?f\[keyword\]=10156](http://okina.univ-angers.fr/publications?f[keyword]=10156)
- [18] [http://okina.univ-angers.fr/publications?f\[keyword\]=968](http://okina.univ-angers.fr/publications?f[keyword]=968)
- [19] [http://okina.univ-angers.fr/publications?f\[keyword\]=10157](http://okina.univ-angers.fr/publications?f[keyword]=10157)
- [20] [http://okina.univ-angers.fr/publications?f\[keyword\]=10158](http://okina.univ-angers.fr/publications?f[keyword]=10158)
- [21] [http://okina.univ-angers.fr/publications?f\[keyword\]=8736](http://okina.univ-angers.fr/publications?f[keyword]=8736)
- [22] [http://okina.univ-angers.fr/publications?f\[keyword\]=1081](http://okina.univ-angers.fr/publications?f[keyword]=1081)
- [23] [http://okina.univ-angers.fr/publications?f\[keyword\]=10159](http://okina.univ-angers.fr/publications?f[keyword]=10159)
- [24] <http://okina.univ-angers.fr/publications/ua5538>
- [25] <http://dx.doi.org/10.1016/j.vetmic.2014.01.042>
- [26] <http://www.ncbi.nlm.nih.gov/pubmed/24613079?dopt=Abstract>

Publié sur *Okina* (<http://okina.univ-angers.fr>)