

References using the DLST method for *Staphylococcus aureus*

Kuhn G, Francioli P, Blanc DS. 2007, Double-Locus Sequence Typing Using *clfB* and *spa*, a Fast and Simple Method for Epidemiological Typing of Methicillin-Resistant *Staphylococcus aureus*. *Journal of Clinical Microbiology* 45(1): 54-62.

Basset P., Basic-Hammer N., Kuhn G., Vogel V., Sakwinska O. and Blanc D.S. 2009. *Staphylococcus aureus* *clfB* and *spa* alleles of the repeat regions are segregated into major phylogenetic lineages. *Infection, Genetics and Evolution*, 9: 941-947.

Okon K.O. #, Basset P. #, Uba A., Lin J., Oyawoke B., Shittu A.O. and Blanc D.S. 2009. Co-occurrence of Predominant PVL-positive (ST152) and Multidrug-resistant (ST241) *Staphylococcus aureus* clones in Nigerian hospitals. *Journal of Clinical Microbiology*, 47(9): 3000-3003. # These authors contributed equally to this study.

Basset P., Senn L., Prod'hom G., Bille J., Francioli P., Zanetti G., and Blanc D.S. 2010. Double Locus Sequence Typing (DLST), a fast unambiguous typing method to study the epidemiology of methicillin-resistant *Staphylococcus aureus* at regional and international levels. *Clinical Microbiology and Infection*, 16: 1289-1296.

Basset P., Senn L., Vogel V., Zanetti G., and Blanc D.S. 2010. Diversity of SCC*mec* elements in predominant methicillin-resistant *Staphylococcus aureus* clones in a small geographic area. *Antimicrobial Agents and Chemotherapy*, 54(11): 4589-4595.

Blanc D.S., Basset P., Nahimana-Tessema I., Jatton-Ogay K., Greub G., and Zanetti G. 2011. High proportion of wrongly identified methicillin-resistant *Staphylococcus aureus* carriers when using a rapid commercial PCR assay due to the presence of SCC element lacking the *mecA* gene. *Journal of Clinical Microbiology*, 49(2): 722-724.

Senn L., Zanetti G, Bally F., Chuard C., Cometta A., Burr M., Eisenring M.C., Basset P., Blanc D.S. 2011. Investigation of classical epidemiological links between patients harbouring identical, non-predominant methicillin-resistant *Staphylococcus aureus* genotypes and lessons for epidemiological tracking. *Journal of Hospital Infection*, 79: 202-205.

Basset P., Nübel U., Witte W., and Blanc D.S. 2012. Evaluation of adding a second marker to overcome *Staphylococcus aureus* *spa*-typing homoplasies. *Journal of Clinical Microbiology*, 50(4): 1475-1477.

Vogel V, Falquet L, Calderon-Copete SP, Basset P, Blanc DS. Short term evolution of a highly transmissible methicillin-resistant *Staphylococcus aureus* clone (ST228) in a tertiary care hospital. *PLoS One*. 2012;7(6):e38969. Epub 2012 Jun 18.

Senn L. , Basset P., Greub G., Prod'hom G., Frei R., Zbinden R., Gaia V.E., Balmelli C., Pfyffer G.E., Mühlemann K., Zanetti G, and Blanc D.S. 2013. Molecular epidemiology of methicillin-resistant *Staphylococcus aureus* in Switzerland: sampling only invasive isolates does not allow a representative description of the local diversity of clones. *Clinical Microbiology and Infection*, 2013 Jul;19(7):E288-90.

Raji A, Ojemhen O, Umejiburu U, Ogunleye A, Blanc DS, Basset P. High genetic diversity of *Staphylococcus aureus* in a tertiary care hospital in Southwest Nigeria. *Diagn Microbiol Infect Dis*. 2013 Dec;77(4):367-9.