



Acinetobacter baumannii (CRAB) – Sepsis (peritonitis)

Procedure Summary

- Immunocompetent C57Bl6 mice, eight weeks old females
- *Acinetobacter baumannii*
 - Wild type ATCC 17978
 - Carbapenem Resistant (CRAB) clinical strains including OXA40, OXA23, OXA58, 16S rRNA methylase ArmA, NDM-1, colistin-R
- Bacterial challenge by intraperitoneal route
- Reference compound: Colistin (IP)

Experimental readouts

- Survival rate
- Weight loss
- Clinical score

Optional Services

- Microbiological analysis
- Cytokine and chemokine analysis
- Pharmacokinetics

Animal Welfare

- Each experimental protocol is approved by the local ethics committee for animal experimentation of Grand Campus Dijon (Burgundy, France) and performed in accordance to the current recommendations of the European Institute of Health EU Directive 86/609

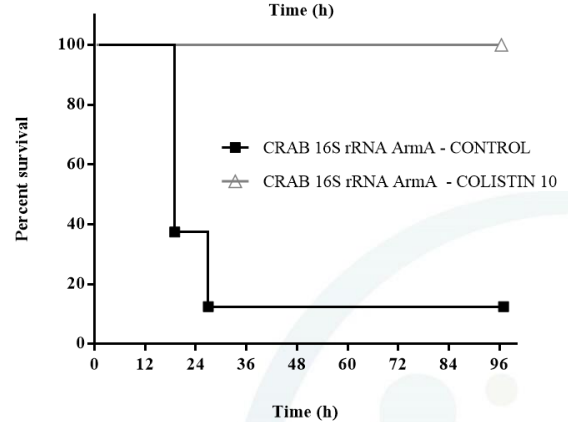
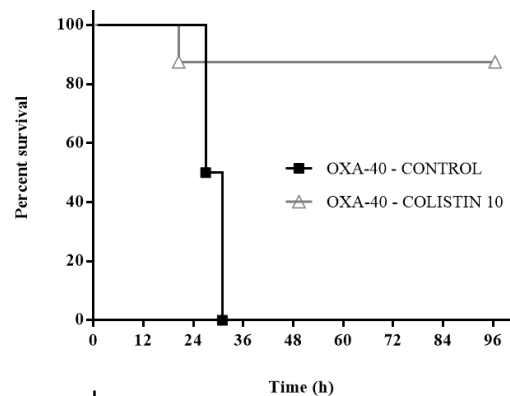
Facilities

- These assays are performed at our BSL2 laboratory / zootechnical center in Dijon, France

Reference

- Internal Data

Efficacy of colistin on survival rate in a murine model of septicemia induced by carbapenem-resistant *Acinetobacter baumannii*



Our scientific team will readily accommodate client-specific alterations and will provide expert advice and guidance for your efficacy studies

For more information please contact : info@vivexia.fr