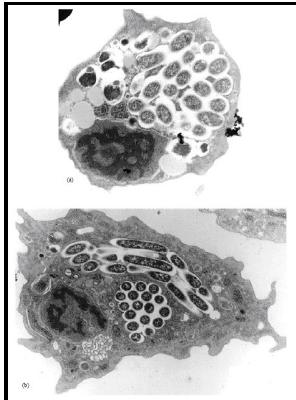


Resistance of intra-amoebal grown legionella pneumophila.

Aston University. Department of Pharmaceutical Sciences - Resistance of Legionella pneumophila serotype 1 biofilms to chlorine



Description: -

-resistance of intra-amoebal grown legionella pneumophila.

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Notes: Thesis (PhD) - Aston University, 1993.

This edition was published in 1993



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Legionella Growth and Spread

Moreover, a Legionella species recently described as an obligate intra-amoebal parasite and named L. Int J Syst Evol Microbiol. The sympatric lifestyle of different parasites in Acanthamoeba polyphaga.

The resistance of intra

Moreover, some other acquired genes seem to come from bacterial DNA provided by bacteria-feeding amoebal hosts.

Pathogen Safety Data Sheets: Infectious Substances

The Role of Cytokines during L.

Antimicrobial Resistance Properties of Legionella Pneumophila Isolated from the Cases of Lower Respiratory tract Infections

Based on these findings, we propose that HGA has the potential to play an important role in structuring Legionella communities. This gene encodes an enzyme which catalyses the last step of cholesterol biosynthesis in eukaryotes, and is probably functional within L. La Scola B, Raoult D: Survival of Coxiella burnetii within free-living amoeba Acanthamoeba castellanii.

Amoeba

The redox state of HGA appears to be critical for its activity, as HGA is only toxic in aerobic conditions and fully oxidized HGA-melanin pigment is inactive. Given its genetic linkage with DsbD, our findings further suggest that alteration of disulfide bond regulation in the periplasm might constitute one means to mitigate HGA susceptibility. We propose that established Legionella communities may deploy molecules such as HGA as an unusual public good that can protect against invasion by low-density competitors.

Evidence that the intra

The Journal of Hospital Infection, 11 Suppl A , 182-188. In conclusion, this study showed that the LpeAB are components of an efflux pump, a macrolide resistance determinant in Lp Paris.

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