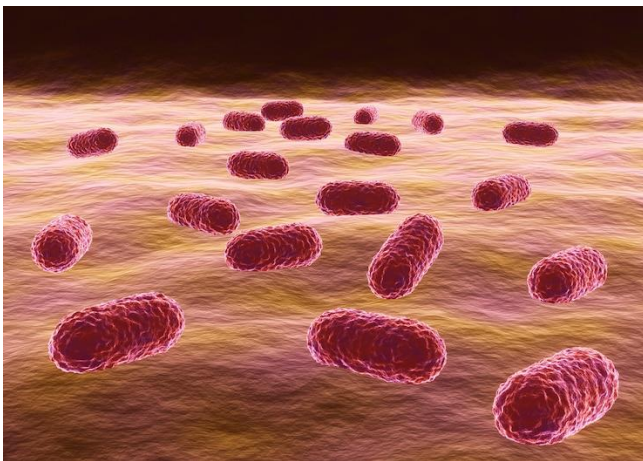


IP MARKETPLACE

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TECH OFFER

A METHOD OF PREPARING AN INACTIVATED ANTIBIOTIC-EXPOSED WHOLE ACINETOBACTER BAUMANNII VACCINE



▶ MORE INFORMATION

MEGA-TREND

- Vaccine testing
- Chemicals and Materials

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 3

PATENT/ GRANTED NUMBER

- MY-168631-A

▶ TECHNOLOGY OVERVIEW

A method of producing a vaccine against multi-drug resistant (MDR) *Acinetobacter baumannii* comprises the step of isolating a whole cell material of inactivated antibiotic-exposed *A. baumannii* cultured in presence of an antibiotic at early logarithmic (log) phase of bacterial growth, inactivating the bacteria with chemical and heat at late log phase of bacterial growth and mixing the isolated whole cell material with a preservative. The antibiotic in the culture medium is at an effective concentration hindering the growth of

the *A. baumannii* without substantially killing the *A. baumannii* and enhances expression of *A. baumannii* proteins conferring resistance to the antibiotics and virulence. Preferably, imipenem is used.

CONTACT US!

Dr. Lee Ching Shya

UMCIE Business Officer

Email: leecs@um.edu.my

Phone: +603 – 7967 7351 / 7352