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CLONING, OVEREXPRESSION & PURIFICATION OF A RECOMBINANT LECTIN OF A TIGER MILK MUSHROOM LIGNOSUS RHINOCERUS



▶ MORE INFORMATION

MEGA-TREND

- **Healthcare**

TECHNOLOGY READINESS LEVEL (TRL)

- **TRL 4**

PATENT/ GRANTED NUMBER

- **PI 2018702866**

▶ TECHNOLOGY OVERVIEW

The present invention discloses a method to produce a recombinant lectin of a Tiger Milk Mushroom *Lignosus rhinocerus*. The method according to the present invention comprising the steps of cloning, overexpression and purification of a recombinant lectin. The produced recombinant lectin is the lectin protein found in the high-molecular-weight fraction of *Lignosus*

rhinoceros extract which demonstrates 10 high selectivity for cancer breast cells and not cytotoxic to normal breast cells

CONTACT US!

Dr. Lee Ching Shya

UMCIE Business Officer

Email: leecs@um.edu.my

Phone: +603 – 7967 7351 / 7352