

Antimicrobial Food Cover

Food poisoning not only causes people nausea and diarrhea, but it makes one feel uncomfortable too. Zhang Zhen Ling, a 17 year-old science student of Sekolah Menengah Sultan Ismail in Kemaman, Terengganu, began to think of ways of preventing people from eating contaminated food as her father often experienced food poisoning.

In time, she and her classmate, Lim Mei Qi invented an antimicrobial (antibacterial) food cover. By covering food with this food cover, it works to kill off bacteria that may contaminate the food. This may sound like magic, but it is a simple concept.



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This creative and practical tool is an effortless combination of a UV antibacterial light, a food cover and an automatic switch. This invention resulted in the students becoming the first runner-up in the 2005 Malaysia Youth Inventors Competition. Some companies were also willing to fund and commercialize their invention.

Food for Thought:

- This story of the antimicrobial food cover has once again reminded us that the origin of a creation or invention would arise from problems and the willingness to solve such problems.
- Innovative ideas can still be found through observation and relative thinking although a product is already in existence.

