



AZIZAH MAHMOOD

Dr.

EDUCATION



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Diploma (UiTM) BSc. (MSU) Med. (UTM) PhD. (IIUM)

EXPERTISE

Field

Food Science & Technology

Expertise

Food Science & Technology

Specialization

Food Chemistry
Phytochemicals
Food Processing

RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the potential of phytochemical components from natural resources either from plant or animal sources that contribute to health benefits. These naturally occurring components is primarily of interest for health maintenance and disease prevention which is known to play as an important role in functional foods. I am focusing to understand the health benefits that these components can offer, how these benefits can be delivered in foods, safety amounts of the components and also potential interactions among the foods components. It is important to clarify which component or group of the components play particular roles in health maintenance and how it is associated with the reduction of chronic diseases. Currently, consumer demand food products with fewer synthetic additives, but increases safety and shelf-life. Therefore, research such as on natural antioxidants that inhibit the development of oxidative rancidity in fat-based foods and antimicrobials that prevent the growth of pathogenic and spoilage micro-organism is a key factor to be explored. It is hope that not only the presence of natural components in plant and animal sources contribute to health maintenance and disease prevention but also can improve the physicochemical, shelf life and sensory quality of processed food.

PROFESSIONAL MEMBERSHIP



NETWORKING & RESEARCH COLLABORATION

- ⌚ Prince of Songkla University, Thailand
- ⌚ Cittagong Veterinary and animal Science University, Bangladesh
- ⌚ International and Islamic University Malaysia
- ⌚ Politeknik Sultan Hj. Ahmad Shah, Kuantan

PUBLICATION

- ⌚ Scopus ID : 54785035600
- ⌚ Researchgate : Azizah Mahmood
- ⌚ Google Scholar : Dr Azizah Mahmood

