



HAJARATUL NAJWA MOHAMED

Dr.

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EXPERTISE

Field

Development of Halal Products

Expertise

Natural Polymer and
Encapsulation process

Specialization

Encapsulation of protein
Alcohol contents in foods and
drinks



Directory
of
eXpert

EDUCATION



Bach. of Science
(Hons) - Chemical
(UPM)

PhD. in
Development of
halal Products
(UPM)

RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the areas of natural polymer and halal product developments. My recent research work focuses on the halal products particularly in renewable energy system and renewable energy resources halal capsule. This includes research interests in the encapsulation of protein using natural polymers.



PROFESSIONAL MEMBERSHIP

- Malaysia Board of Technologists (MBOT)



NETWORKING & RESEARCH COLLABORATION

- Universiti Putra Malaysia (UPM)
- International Islamic University Malaysia (IIUM)



PUBLICATION

Tentative identification of volatile flavor compounds in commercial *Budu*, a Malaysian fish sauce, using GC-MS. *Molecules* 17: 5062 – 5080. (2012)

Optimization and characterization of calcium alginate/konjac glucomannan beads as oral protein drug delivery system. *International Journal of Current Pharmaceutical & Clinical Research* 5(2): 94 – 105. (2015)

Development of alginate – gum Arabic beads for targeted delivery of protein. *SMU Medical Journal*. (2015)