

## Third Winner



**Project Title:**

Development of Rapid Instrumental Methods  
for Fats and Oils Analysis with Special Emphasis  
on Palm Oil Products

**Researcher:**

Professor Yaakob Bin Che Man

**Country:**

Malaysia

**University:**

University of Putra

Professor Yaakob Bin Che Man, Ph.D. graduate in Food Chemistry from the University of Illinois at Urbana-Champaign, USA (1988), serves as Deputy Dean of University of Putra Malaysia. Professor Yaakob's research on edible fats and oils especially on palm oil is known internationally through his publications (130 scientific papers in refereed journals and 190 scientific and technical papers in various journals, conference proceedings and books). His expertise and works in palm oil research have won him a number of national and international awards and recognitions among the recent ones are: Outstanding Paper Presentation Award 2000 by American Oil Chemists Society, USA, First Place Winner of Research & Invention Award 2000, UPM and etc.

His studies represent the latest developments in the use of DSC and FTIR spectroscopy as new analytical techniques for fats and oils industry. Fast and reliable methods for testing the immediate and finish products qualities of fats and oils are in great demand. Generally his works showed the possibility in increasing the application of DSC and FTIR in the field of oils and fats.