



NAME: Zulkhairi Amom

UNIT/DEPARTMENT: Human Anatomy

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FIELD OF SPECIALIZATION: Food antioxidant, lipid peroxidation, atherosclerosis

CURRENT RESEARCH:

- National Sponsorship- Government

Title : Development of Nutraceutical Potential from *Tinospora crispa* With Cardioprotective Properties

Position : Main researcher

Sponsor : Ministry of Science, Technology and Innovation (MOSTI)

Amount : MYR 224,595.00

Expected Output : •Ministry of Health: Scientific information on reducing CVD by dietary means •Herbal / health food industries: potential development of functional food product from *T. crispa* •Agro industries: promoting new medicinal / herbal plantation with economic values •Pharmaceutical industries: development of supplement such as antioxidants for the prevention of CVD •Other research institution and / or universities: basic knowledge from this study to promote innovative ideas on utilizing local biodiversity.

Year Started : 2004

- National Sponsorship- Others

Title : Development of Healthy Formulated Porridge from Germinated Brown Rice with Cardioprotective Properties

Position : Main Researcher

Sponsor : Beras Nasional (BERNAS)

Amount : MYR 150,000.00

Expected Output : Heart friendly porridge with nutraceutical properties that contain high fiber (soluble and insoluble) with good fatty acids at right proportion and antioxidant rich product will be produced. Suitable to be used as breakfast as well as diet porridge. Smartly packed for convenience that best for active lifestyle.

Year Started : 2005

PUBLICATIONS:

- Books

Main Author : A, Zulkhairi  
Co-Author :  
Year : 2005  
Title of Book : Strategi untuk Menjadi Pelajar Muslim Cemerlang, edisi ke-3  
Place of Publication : Serdang, Selangor  
Publisher : Fakulti Perubatan dan Sains Kesihatan, UPM.  
No. of Pages : 57

Main Author : A, Zulkhairi  
Co-Author :  
Year : 2003  
Title of Book : Strategi untuk Menjadi Pelajar Muslim Cemerlang, edisi ke-2  
Place of Publication : UPM  
Publisher : Faculty of Medicine and Health Sciences  
No. of Pages : 59

Main Author : A, Zulkhairi  
Co-Author :  
Year : 2002  
Title of Book : Strategi untuk Menjadi Pelajar Muslim Cemerlang  
Place of Publication : UPM  
Publisher : Faculty of Medicine and Health Sciences  
No. of Pages : 50

- Journals

Main Author : A. Zulkhairi,  
Co-Author : Z. Zaiton, O. Khairul, A. Zanariyah, M. Jamaludin. .  
Year : 2000  
Title of Article : The Effect of alpha-Lipoic Acid in Blood Lipid Levels and Malondialdehyde in Atherosclerotic-Induced New Zealand White Rabbit.  
Name of Journal : Mal. J. Med. Sc.  
Volume No. : 7  
Issue No./Month : 2  
Pages : 14-22

- Conference Proceedings

Main Author : Nizar A.B.  
Co-Author : Zulkhairi A., Abdah M.A., Asmah R  
Year : 2005  
Title of Article : Screening of the Antioxidant Activities of *Tinospora crispa* (Patawali) Extracts  
Title of Proceedings : Current Trends and Perspectives  
Editor : Chang Y.S. et al  
Place of Publication : Selangor  
Publisher : Forest Research Institute Malaysia (FRIM)  
Pages : 323-332

Main Author : Z. Amom  
Co-Author : Z. Zakaria, M. Jamaludin  
Year : 2000  
Title of Article : The Effect of alpha-Lipoic Acid on Blood Lipid Levels and Peroxidation Indices in Atherosclerotic-induced Rabbits.  
Title of Proceedings : Simposium Sains Kesihatan Kebangsaan ke-3, FSKB, UKM  
Editor : K.L. Yap et.al.  
Place of Publication : Kuala Lumpur  
Publisher : Faculty of Allied Health Sciences, Universiti Kebangsaan Malaysia  
Pages : 434-440

TEACHING:

1. Physiology I,
2. Physiology II
3. Physiology III
4. Pengenalan Fisiologi Manusia
5. Human Physiology
6. Cardiovascular Module
7. Reproduction System Module
8. Alimentary Module
9. Autonomic Nervous System