## **International Bee Research Association**

The world's longest established apicultural research publishers

## PRESS RELEASE



TEL: +44 (0)29 2037 2409 FAX: +44 (0)5601 135640 Email: mail@ibra.org.uk

**Special Issue – Tualang Honey**Journal of ApiProduct and ApiMedical Science
Vol. 3 Issue 1
\* Open Access \*

This special issue of the **Journal of ApiProduct & ApiMedical Science** concerns the medicinal use of tualang honey from Malaysia and contains a selection of papers that were presented at the 2<sup>nd</sup> International conference on the Use of Medicinal Honey that was held in Malaysia, last year. Abstracts of the papers presented at that conference were published in Volume 2, Issue 1 (2010) and the importance of tualang honey in Malaysia was well described during that conference.

In the School of Medicine at the Universiti Sains Malaysia (USM) campus situated in the town of Kota Bharu in the Kelantan state of northern Malaysia, an extensive research programme into the therapeutic properties of tualang honey has been in progress since 2007. Here the effect of this Malaysian honey on testicular function in rats exposed to cigarette smoke has been investigated (Mohamed *et al.*, 2011) and its influence on the development of acute respiratory symptoms in Hajj pilgrims has been explored (Othman, *et al.*, 2011). Attempts to evaluate the free radical scavenging activity of tualang honey (Sulaiman *et al.*, 2011) and to identity the antibacterial components in tualang honey (Kirnpal-Kaur *et al.*, 2011) have been described.

The wound healing characteristics of tualang honey have been investigated by monitoring the formation of granulation tissue in human diabetic foot ulcers (Nawfar *et al.*, 2011) and the healing rates in the treatment of split skin graft donor sites (Halim *et al.*, 2011a), and wounds created in rats were used to test the efficacy of honey impregnated tulle and hydrofibre dressings compared to silver impregnated hydrofibre dressings (Halim *et al.*, 2011b and 2011c). Additionally, the effect of ingesting honey in combination with jumping exercise on the characteristics of bone quality in female rats has been tested (Tavafzadeh *et al.*, 2011). This varied collection of studies illustrates some of the research investigations into the curative properties of Malaysian tualang honey that have been conducted at USM.

[Ends]

07 January 2011

## Notes for editors:-

- 1. School of Medicine at the Universiti Sains Malaysia (USM): http://www.usm.my/
- 2. The full content of this issue can be viewed at: http://www.jaas.org.uk/articles/20101215
- 3. The *Journal of ApiProduct and ApiMedical Science* (JAAS)was launched by IBRA in 2009. It focuses upon evidence based research being carried out on biologically relevant properties of bee and hive products, and their scientific relevance in the fields of medicine, nutrition and healthcare. This peer reviewed journal provides a forum where the efficacy and effectiveness of bee and hive products with therapeutic properties can be presented, debated and evaluated using scientific principles. Senior Editor: Prof Rose Cooper.
- 4. Subscription to JAAS: Individuals £99.00, Institutional £300.00. For further information: http://www.jaas.org.uk/articles/JAAS-Subscriber-Information
- 5. The International Bee Research Association ("IBRA") is the world's longest established apicultural research publishers and promotes the value of bees by providing information on bee science and beekeeping worldwide.
- 6. IBRA is a Registered Charity, and its Council of trustees boasts some of the world's leading bee scientists.
- 7. IBRA also publishes the peer reviewed scientific journal, The *Journal of Apicultural Research* was founded by IBRA in 1962. It includes original research articles, theoretical papers; scientific notes and comments; together with authoritative reviews on scientific aspects of the biology, ecology, natural history and culture of all types of bee.
- 8. IBRA publishes and sells books on bee science and beekeeping.
- 9. IBRA also provides bee information services.
- 10. Membership of IBRA costs just £31.50 annually. Membership benefits include receipt of four quarterly issues of *Bee World*, an accessible and topical journal on latest bee research, news, reviews and other relevant information for the bee scientist, beekeeper, and anyone with an interest in bees.

## FOR FURTHER INFORMATION PLEASE CONTACT

Sarah Jones, Executive Director, IBRA +44 (0)29 2037 2409

Email: jaas@ibra.org.uk

International Bee Research Association

Company limited by guarantee.

Registered in England and Wales. Reg. No. 463819 Registered Office: 16, North Road, Cardiff, CF10 3DY, UK.

Registered Charity No: 209222

Tel:+44 (0)29 2037 2409, Fax: +44 (0)5601 135640 Web-site: www.jaas.org.uk Email: Jaas@ibra.org.uk