

Wednesday June 6, 2007

The Entertainment Centre, Port Road, Hindmarsh  
ASMR SA Scientific Meeting

PLENARY SPEAKER

A/Professor David Cameron Smith, Deakin University, Melbourne

**"Biology meets Lifestyle; Advances in our understanding of how nutrition and exercise impact on ageing"**

Muscle is able to grow, in even very old people, through strength and exercise

**FROM PLACENTA TO LUNCHBOX: MOTHERS, THE MEDIA AND FAT KIDS**

**Is Mum to blame?** Halla Malik from the School of Health Sciences at the University of Adelaide investigates.

**SOLID TUMOURS AND SNAILS OR.... IS ESCARGOT THE GO?**

A group of edible marine snails are utilized as the source of an ancient purple dye secretion. Tyrian purple, forms the basis of a commercially available homeopathic remedy. This study demonstrates the snail extracts contain potent anticancer and antibiotic activity!

C M McIver, School of Biological Sciences, Flinders University

**South Australia's Prestigious Ross Wishart Memorial Award Finalists:**

**Requirements for an egg to become a baby.** What is the necessary support network for the growing egg? This research will help to determine what the egg requires to produce a healthy baby and may provide new opportunities for treatment of infertility. **Hannah Brown** *The Research Centre for Reproductive Health and The University of Adelaide*

**Does stress effect baby development?** This research aims to better understand how the environment that the pre-implantation embryo is exposed to can alter how a baby develops. **Deirdre Zander** *The Research Centre for Reproductive Health and The University of Adelaide*

**Is there a link between red meat and cancer?** High red meat intake has been weakly associated with an increased risk of colorectal cancer. This study determines the effect on colorectal cancer risk of overall dietary and lifestyle patterns. **Bianca Benassi** *CSIRO Human Nutrition and The University of Adelaide*

**Female infertility: causes and cures.** Egg maturation and early embryonic development are affected by high-fat diet and report blood lipids and insulin sensitivity are powerful indicators of fertility. Pharmacological trials aiming to reverse these defects reveal short-term pre-ovulatory treatment with anti-diabetic Rosiglitazone (Avandia, GlaxoSmithKline) can completely reverse such obesity-associated infertility. **Candence Minge** *The Research Centre for Reproductive Health and The University of Adelaide*

For more information or to arrange an interview with any of the speakers please contact:

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