

RACMEM-2017: Satellite II

Novel concepts in the relationships between Body composition, Energy balance Regulation & Cardiometabolic Health *Fribourg, Switzerland*

The RACMEM-2017 keynote lectures and proceedings of the body composition satellite meeting have been published in a special issue of the European Journal of Clinical Nutrition: <https://www.nature.com/ejcn/volumes/72/issues/5>

Organisers:

Steven Heymsfield & Abdul Dulloo

Scientific Program

Friday 20th October

- 14:00 – 14:30** **New imaging approaches for quantifying body shape and metabolism**
Steven Heymsfield
Pennington Biomedical Research Center, Baton Rouge, USA
- 14:30 – 15:00** **Advances in assessing body composition during pregnancy**
Leanne Redman
Pennington Biomedical Research Center, Baton Rouge, USA
- 15:00 – 15:30** **Body composition and metabolic health: updating ‘the capacity-load’ model**
Jonathan Wells
Childhood Nutrition Research Centre, UCL Institute of Child Health, London, UK
- 15:30 – 16:00** **The companionship of lean mass and fat mass revisited: novel concepts in body composition autoregulation**
Abdul Dulloo
Department of Medicine/Physiology, University of Fribourg, Switzerland
- 16:00 – 16:30** Coffee/tea break
- 16:30 – 17:00** **Critics on Genome Wide Association Studies (GWAS) on Obesity**
Manfred Muller
Institute of Human Nutrition and Food Science, University of Kiel, Germany
- 17:00 – 17:30** **When and to what extent does fat mass and fat-free mass drive energy intake?**
James Stubbs
School of Psychology, Faculty of Medicine and Health, University of Leeds, UK
- 17:30 – 18:00** **Body composition and cardiometabolic health: the need for novel concepts**
Anja Bosy-Westphal
Institute of Nutritional Medicine, University of Hohenheim, Germany