

'Intermittent hypoxia and adipose tissue'

Insight into the pathophysiology of the Obstructive Sleep Apnoea Syndrome (OSAS) and treatment options

Palermo, Italy

October 16th, 17th, 2009

SCIENTIFIC PROGRAMME

Friday, October 16, 2009

Session I: Intermittent Hypoxia and Dyslipidemia: Clinical and Experimental Data

02:00 - 02:45 PM	Introduction and epidemiology of dyslipidemia in OSAS patients Maria R. Bonsignore (Palermo, Italy)
02:45 - 03:30 PM	Data from animal models: role of IH and obesity Vsevolod Y. Polotsky (Baltimore, MD, USA)
03:30 - 03:45 PM	<i>Break</i>
03:45 - 04:30 PM	Effects of OSA on metabolic dysfunction in children Leila Kheirandish-Gozal (Louisville, KY, USA)
04:30 - 05:15 PM	Effects of OSA on metabolic dysfunction in adolescents - is OSA relevant for adolescent obesity? Stijn Verhulst (Wilrijk, Belgium)
05:15 - 6:00 PM	Genetic factors: OSAS, obesity or both? Renata L. Riha (Edinburgh, UK) & Thorarinn Gislason (Gardabaer, Iceland)
06:00 - 06:45 PM	General discussion
07:30 PM	<i>Dinner</i>

Saturday, October 17, 2009

Session II: Adipose Tissue Dysfunction In Obesity

09:00 - 09:45 AM **Does sleep loss play a role in adipose tissue dysfunction?**

Ronald Robert Grunstein (Sydney, Australia)

09:45 - 10:30 AM **Hypoxia and adipose tissue dysfunction**

Paul Trayhurn (Liverpool, UK)

10:30 - 10:45 AM *Break*

10:45 - 11:30 AM **Inflammation in obese adipose tissue**

Shlomo Sasson (Jerusalem, Israel)

11:30 AM- 12:15 PM **Fat, muscle and liver cross-talk**

Jürgen Eckel (Dusseldorf, Germany)

12:15 PM - 12:45 PM **General discussion**

12:45 PM *Lunch*

Session III: Should We Treat Obesity In OSAS Patients?

02:00 - 02:45 PM **Effects of CPAP and weight loss in OSAS**

Ronald Robert Grunstein (Sydney, Australia)

02:45 - 03:30 PM **CPAP treatment: effects on plasma lipids and liver function**

Vsevolod Y. Polotsky (Baltimore, MD, USA)

03:30 - 03:45 PM *Break*

03:45 - 04:30 PM **Update on drugs for obesity**

Francesco Giorgino (Bari, Italy)

04:30 - 05:30 PM **Round table and conclusions: Comprehensive approach to treatment of obese OSAS patients**

07:30 PM *Dinner*