

Environmentally Influenced Cardiovascular Disease: From Fetus to the Adult

PROGRAM

8.00 - 9.00	Registration	
8.00 - 9.00	Arrival tea & Coffee	
9.00 - 9.05	Introduction and Opening	Geoff Head
Session 1: Early Life Programming of Cardiovascular Disease		
<i>Chaired by Annemarie Hennessy and James Armitage</i>		
9.05 - 9.20	Programming of hypertension: is the kidney the culprit?	Karen Moritz
9.20 - 9.35	Genetic polymorphisms in mother father baby trios associate with preeclampsia and intrauterine growth restriction	Claire Roberts
9.35 - 9.50	Mild maternal renal insufficiency: Programming of the offspring	Karen Gibson
9.50 - 10.05	Mother, hypertension and child	Kate Denton
10.05 - 10.20	The legacy of early life environments on vascular function	Marianne Tare
10.20 - 10.35	Blood pressure regulation is different in the small compared to the normally grown fetus	Janna Morrison
10.35 - 10.55	Morning tea	
Session 2: Early Life Programming of Obesity		
<i>Chaired by Kate Denton and Eugenie Lumbers</i>		
10.55 - 11.10	Programming of obesity - Impact of maternal obesity	Margaret Morris
11.10 - 11.25	Consumption of a high fat diet during pregnancy programmes a metabolic syndrome-like phenotype in offspring	James Armitage
11.25 - 11.40	Blocking the intergenerational cycle of obesity	Beverley Mulhausler
11.40 - 11.55	The effect of obesity and pregnancy complications on cardiovascular risk in women	Anne Barden
11.55 - 12.10	Developmental origins of cardiovascular disease-insights from the west Australian pregnancy cohort study	Lawrie Beilin
12.10 - 12.25	Overweight children: Their future, our responsibility	Matt Sabin
12.25 - 13.05	The effects of fetal lipotoxicity on programming of the cardiovascular system in the nonhuman primate	Kevin Grove
13.05 - 13.50	Lunch	
Session 3: Adult Obesity and Cardiovascular Disease		
<i>Chaired by Michael Cowley and Geoff Head</i>		
13.50 - 14.05	Hypothalamic circuitry involved in obesity related hypertension	Brian Oldfield
14.05 - 14.20	High-fat feeding alters the cardiovascular role of the hypothalamic paraventricular nucleus	Emilio Badoer

14.20 - 14.35	Hyperleptinemia contributes to hypertension by sympathoexitation in obesity	Pablo Enriori
14.35 - 14.50	Lipid metabolism and insulin resistance	Clinton Bruce
14.50 - 15.05	Neuroadrenergic dysfunction in obesity: An overview of the effects of weight loss	Nora Straznicky
15.05 - 15.20	Contribution of the sympathetic nervous system in obesity-induced subclinical organ damage	Elisabeth Lambert
15.20 - 15.35	Is obesity to blame for the development of cardiovascular disease in Africans amidst a health transition?	Alta Schutte
15.35 - 16.00	Afternoon tea	

Session 4: Implications for Clinical Management Strategies

Chaired by Markus Schlaich

16.00 - 16.30	Evidence-based medical management of obesity	Joseph Proietto
16.30 - 16.45	Bariatric surgical weight loss and cardiometabolic risk: pre-cradle to grave	John Dixon
16.45 - 17.00	Obesity - What it means to us today	Ian Caterson