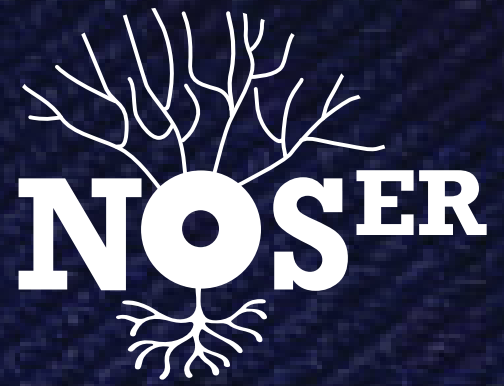


Programme



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| 10:00 | Registration & coffee/tea |
| 10:30 | Meeting opening & welcome |
| Session 1 | The central nervous system – energy homeostasis and metabolic disease Chair: Dr David Lyons |
| 10:40 | Lourdes Valencia-Torres (University of Aberdeen) <i>The role of 5-HT₂CR in reward and impulsivity: implications for the control of food intake.</i> |
| 11:00 | Claudia Cristiano (University of Federico II) <i>Obesity medication lorcaserin promotes appetite-suppression via hypothalamic circuit.</i> |
| 11:20 | Laura Dearden (University of Cambridge) <i>Maternal obesity disrupts hypothalamic development and programs feeding behaviour in offspring.</i> |
| 11:40 | Charlotte Sefton (University of Manchester) <i>Role of central glucocorticoids in the regulation of energy homeostasis.</i> |
| 12:00 | Lunch & poster set-up |
| 13:15 | Keynote Address Prof. Suzanne Dickson (Gothenburg University) <i>What information does ghrelin signal to the brain?</i> |
| Session 2 | Peripheral metabolic control Chair: Dr Perry Barrett |
| 14:10 | David Lyons (University of Aberdeen) <i>Cholecystokinin Excites Arcuate POMC neurons – Implications for the Central Regulation of Energy Balance</i> |
| 14:30 | Cara L. Green (University of Aberdeen) <i>The effects of graded levels of calorie restriction: Global metabolomics screen reveals brown adipose tissue activation through amino acid, catecholamine and antioxidant changes.</i> |
| 14:50 | Dawn Thompson (University of Aberdeen) <i>Genetic deletion and pharmacological inhibition of macrophage protein tyrosine phosphatase 1B (PTP1B) improves global glucose and lipid homeostasis and protects against atherosclerotic plaque formation in mouse models of atherosclerosis.</i> |
| 15:10 | Coffee/tea |
| Session 3 | Neurobehavioural aspects influencing food intake Chair: Prof. Julian Mercer |
| 15:40 | Gabriella Margetts-Smith (University of Sussex) <i>Environmental enrichment decreases cue-evoked approach and Fos expression in the orbital frontal and dorsal medial prefrontal cortices.</i> |
| 16:00 | Helen K. Ruddock (University of Liverpool) <i>The development and validation of the addiction-like eating behaviour scale.</i> |
| 16:20 | Amy A. Worth (University of Manchester) <i>Brainstem preproglucagon (GLP-1)-containing neurones abolish sucrose preference and reduce feeding.</i> |
| 16:40 | Nicolas Nunn (University of Manchester) <i>The role of 5-HT₂CR in reward and impulsivity: implications for the control of food intake. Hypothalamic QRFP neurones and food seeking behaviour.</i> |
| 17:00 | Closing remarks |
| 17:10 | Light bites, wine, networking & poster session |
| 20:00 | Social event: drinks & food at Soul Bar |

Rowett Institute
University of Aberdeen
15th August 2017



The Rowett Institute