

Conference Programme: *Reproductive Biology – from gametes to systems, & between generations*
Turner Sims (Building 52), Highfield Campus, University of Southampton

Tuesday 17th September 2013

9.00 – 9.30	Coffee and registration
9.30 – 9.35	Welcome and introduction Professor Tom Fleming, Biological Sciences, University of Southampton
09.35 – 09.55	<i>“Mechanisms leading to aneuploidy in mammalian eggs”</i> Dr Simon Lane, Biological Sciences, University of Southampton
09.55 – 10.25	<i>“Markers of health in early embryos”</i> Dr Roger Sturmey, Hull York Medical School
10.25 – 10.45	<i>“Interaction between reproductive tract and the embryo-effect of maternal high fat diet”</i> Dr Judith Eckert, Medicine, University of Southampton
10.45– 11.05	<i>“Environmental influence on implantation success”</i> Professor Nicholas Macklon, Medicine, University of Southampton
11.05 – 11.30	Break
11.30 – 12.30	Keynote Lecture: <i>“Where does reproductive medicine go in the next 35 years?”</i> Professor Robert Winston, Imperial College London Introduced by Professor Keith Jones, Biological Sciences, University of Southampton
12.30 – 13.30	Buffet Lunch: Garden Court
13.30 – 13.50	<i>“The stem cell proteome; protein networks and beyond”</i> Dr Robert Ewing, Biological Sciences, University of Southampton
13.50 – 14.10	<i>“Mathematical modelling of stem cells”</i> Dr Ben MacArthur, Mathematics and Medicine, University of Southampton
14.10 – 14.30	<i>“From embryos to stem cells: regulation by oxygen”</i> Dr Franchesca Houghton, Medicine, University of Southampton
14.30 – 14.50	<i>“Programming of stem cells”</i> Dr Neil Smyth, Biological Sciences, University of Southampton
14.50 – 15.10	<i>“Epigenetics of stem cells”</i> Dr Karen Lillycrop, Medicine, University of Southampton
15.10 – 15.30	Break
15.30 – 16.00	<i>“Environment and endocrine disruptors in fetal reproductive development”</i> Professor Paul Fowler, University of Aberdeen
16.00 – 16.30	<i>“From egg to organism: how studies of calcium signals at fertilization have deepened our understanding of physiological processes in the whole animal”</i> Dr John Parrington, University of Oxford
16.30 – 17.00	<i>“Stem cells in the adult ovary”</i> Professor Evelyn Telfer, University of Edinburgh
17.00 – 17.15	Closing remarks Professor Keith Jones and Professor Tom Fleming
17.15 – 18.00	Poster viewing with cheese and wine