

**Wednesday 11 January 13:25-13:55**

<b>RF1</b>	<p><b>ART UPDATE</b></p> <p><b>RF1.1</b> Transferable embryo to oocyte ratio in IVF ICSI correlates positively with livebirth rate but negatively with oocyte number: Analysis of 14,156 fresh cycles <i>Adrija kumar Datta, Consultant, Reproductive Medicine, CREATE Fertility, Birmingham</i></p> <p><b>RF1.2</b> Factors associated with deciding on elective single embryo transfer <i>Jia Lu, Apricity</i></p> <p><b>RF1.3</b> Prospective use of a patient stratification tool to guide embryo transfer policy and improve outcomes <i>Sophie Jewitt, Laboratory Manager, Gateshead Fertility</i></p> <p><b>RF1.4</b> Benefit of endometrial receptivity array in a highly selected patient population <i>Andrew Downey, Clinical Research Fellow, Merrion Fertility Clinic</i></p> <p><b>RF1.5</b> In the absence of personalised progesterone testing, implantation rates in medicated frozen embryo transfers are improved with a combination of sub-cutaneous and pessary luteal progesterone support <i>Hannah Newby, Lead Clinical Embryologist, Hewitt Fertility Centre</i></p> <p><b>RF1.6</b> Does the time of spermatozoa incubation prior to insemination of oocytes affect ART outcomes? <i>Hannah Staples, Clinical Andrologist, Care Fertility</i></p>
<b>RF2</b>	<p><b>GONADAL DAMAGE AND PROTECTION</b></p> <p><b>RF2.1</b> The predictive value of circulating anti-müllerian hormone in women with polycystic ovarian syndrome receiving clomiphene citrate: A systematic review and meta-analysis <i>Shaimaa Aboeldaly, University Hospitals of Derby and Burton NHS Foundation Trust</i></p> <p><b>RF2.1</b> The epoxiconazole fungicide impairs human granulosa cells proliferation and steroidogenesis with contrasted effects in obese, normo-weight and PCOS women: Role of aryl hydrocarbon receptor expression? <i>Loïse Serra, PhD Student, CNRS, IFCE, INRAE, University of Tours, PRC, F-37380, Nouzilly</i></p> <p><b>RF2.1</b> Transcriptomic profile of the ovarian cortex &amp; the effect of whole ovary cryopreservation on DNA methylation <i>Adwoa Yaaba Dadson, PhD Student, University of Nottingham</i></p> <p><b>RF2.1</b> Application of a mouse model to investigate the effect of high-grade serous ovarian cancer on the ovaries <i>Ava Harrison, DPhil Candidate in Women's &amp; Reproductive Health, Nuffield Department of Women's &amp; Reproductive Health, University of Oxford</i></p> <p><b>RF2.1</b> The effect of cisplatin on the fetal mouse ovary in vitro <i>Scarlett Green, Undergraduate Student, University of Edinburgh</i></p> <p><b>RF2.1</b> Cimetidine as a fertility protectant against cisplatin-induced damage in mouse spermatogonia <i>Grace Forsyth, PhD Student, University of Edinburgh</i></p>

**THURSDAY 12 JANUARY 13:45-14:15**

<b>RF3</b>	<p><b>FERTILITY IN SOCIETY</b></p> <p><b>RF3.1</b> Fertility coaching - a new way to support patients <i>Eleanor Wharf, Clinical Embryologist, Guy's and St Thomas' NHS Trust</i></p> <p><b>RF3.1</b> Egg sharing programmes can provide recipients with comparable treatment outcomes to altruistic donation, without jeopardising the treatment outcomes of the egg sharing patient <i>Jemma Walker, Clinical Embryologist, Herts and Essex Fertility Centre</i></p> <p><b>RF3.1</b> Fertility treatment: Public attitudes and understanding <i>Sarah Norcross, Director, Progress Educational Trust</i></p> <p><b>RF3.1</b> Black women access at-home fertility testing services later in life compared to white women in the United Kingdom <i>Rub Relton, Scientific Research Associate, Hertility Health</i></p> <p><b>RF3.1</b> The role of social support in a couple-based weight loss intervention for improving fertility <i>Emma Hunter, PhD Student, University of Aberdeen</i></p> <p><b>RF3.1</b> NHS-funded IVF treatment criteria excludes majority of those actively trying to conceive <i>Bríd Ní Dhonnabháin, Scientific Research Associate, Hertility Health</i></p>
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<b>RF4</b>	<p><b>ENDOCRINE SIGNALLING</b></p> <p><b>RF4.1</b> Effect of androgen signalling on the transcriptome of mouse preantral follicles <i>Mark Fenwick, Senior Lecturer, University of Sheffield</i></p> <p><b>RF4.1</b> Novel regulation of the secretory pathway by protein O-GlcNAcylation during trophoblast differentiation affects placental hormone secretion <i>Atalie Scrivener, PhD Student, University of Manchester</i></p> <p><b>RF4.1</b> Ovine conceptuses utilise FGF23-KL signalling to regulate phosphate homeostasis and cellular proliferation <i>Claire Stenhouse, Assistant Research Scientist, Texas A&amp;M University, Department of Animal Science</i></p> <p><b>RF4.1</b> Prokineticin 1 stimulates angiogenesis in the porcine corpus luteum <i>Monika Baryla, PhD Student, Institute of Animal Reproduction and Food Research of Polish Academy of Science</i></p> <p><b>RF4.1</b> Estradiol-17<math>\beta</math> and PGE2 regulate gene and protein expression of enzymes involved in DNA methylation in porcine endometrium in vivo <i>Piotr Kaczynski, Assistant Professor, Institute of Animal Reproduction and Food Research of Polish Academy of Sciences</i></p> <p><b>RF4.1</b> Comparative analysis of the fertility-enhancing potentials of graded doses of newbouldia laevis and zinc in male wistar rats <i>Misturah Adana, Medical Doctor, Lecturer, Researcher, University of Ilorin</i></p>
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**FRIDAY 13 JANUARY 13:10-13:40**

<b>RF5</b>	<p><b>PRACTICAL EMBRYOLOGY</b></p> <p><b>RF5.1</b> Comparative performance of EMA, an artificial intelligence (AI) platform for embryo evaluation decision support, and a commercially available embryo scoring tool <i>Vladimiro Silva, Ferticentro Fertility Clinic</i></p> <p><b>RF5.2</b> How does background humidity of the laboratory affect IVF outcomes? <i>Selina Young, Clinical Embryologist, Care Fertility</i></p> <p><b>RF5.3</b> Doing today's work today: Real-time data recording and rolling audit in an IVF clinic <i>Lucy Wood, Embryologist, NHS</i></p> <p><b>RF5.4</b> Catch before they hatch! Recommendation to improve survival and implantation of vitrified blastocysts <i>Kathryn Berrisford, Laboratory Manager, Care Nottingham</i></p> <p><b>RF5.5</b> Can the predictive power of an in-house live birth prediction algorithm be bettered by a modified version powered by machine learning-derived automated annotations? <i>Rachel Smith, Group Embryology Support, Care Fertility Ltd</i></p> <p><b>RF5.6</b> Using technology to enhance embryologist quality of life, reduce stress and improve standards of care <i>Rabi Odia, Deputy Laboratory Manager, City Fertility London</i></p>
<b>RF6</b>	<p><b>REPRODUCTIVE CHALLENGES</b></p> <p><b>RF6.1</b> Complement and inflammatory marker analysis in women with antiphospholipid syndrome (APS) and recurrent pregnancy loss (RPL) <i>Jennifer Tamblyn, SST6 Reproductive Medicine, Leeds Teaching Hospital Trust</i></p> <p><b>RF6.2</b> Adenomyosis is not rare, it is rarely looked for: A systematic review and meta-analysis on the prevalence of adenomyosis in women with subfertility <i>Ishita Mishra, Doctoral Training Fellow in Reproductive Medicine, University of Birmingham</i></p> <p><b>RF6.3</b> Fertility preservation in the context of complex comorbidities: Lessons from a tertiary clinic, <i>Katrina Sherlock, Clinical Fellow in Reproductive Medicine, University College London Hospital NHS Trust</i></p> <p><b>RF6.4</b> Obstetric outcomes of fertility preservation in women cancer patients: A systematic review and meta-analysis <i>Melanie Davies, Reproductive Medicine Unit, University College London Hospitals</i></p> <p><b>RF6.5</b> Fertility outcomes in women with BMI &gt;30 investigated for tubal patency with hysterosalpingogram (HSG) between 2016-2017 <i>Linda Simpson, Doctor - Obstetrician/gynaecologist ST5, SHSCT</i></p> <p><b>RF6.6</b> The impact of body mass index and lifestyle factors on serum concentrations of reproductive and thyroid hormones in premenopausal women <i>Helen O'Neill, Herticity Health</i></p>