Fertility 2017 is the 10th joint conference of the UK Fertility Societies: the Association of Clinical Embryologists, British Fertility Society and the Society for Reproduction & Fertility.

The conference will offer an exciting, cutting edge programme of high profile, scientific international and UK speakers, with a wide range of concurrent sessions focussing on specialist areas in fertility and reproductive biology guaranteed to excite, stimulate and motivate!

The event will also feature over 200 scientific poster presentations, a large trade exhibition and a packed social programme providing an excellent opportunity to learn, network and exchange ideas.

Who will attend?

The event will be of interest to all fertility and reproductive experts including:

- Andrologists
- Clinical embryologists
- Consultant embryologists
- Consultants in reproductive medicine
- Counsellors
- Gynaecologists
- Reproductive biologists
- Reproductive nurses

Why should I attend?

- Improve your knowledge and skills by learning about essential clinical and scientific developments
- Meet, network and discuss ideas with over 500 fertility and reproductive experts
- Enhance your CPD portfolio
- Free mobile app with the ability to build your own agenda and take notes
- Watch live demonstrations and learn about new equipment and services
- Fantastic evening social programme offering excellent networking opportunities
- Low registration fees and exclusive discounts on accommodation and travel

89% of 2015 delegates indicated that they will attend the 2017 conference

87% rated the conference as value for money
## Thursday 5 January

### 08.00
Registration, exhibition, refreshments and poster presentations

### 09.15
**PLENARY SESSION – Developmental and environmental impacts on the ovary**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09.15</td>
<td>Chair’s welcome - Dr Franchesca Houghton, Fertility 2017 Programme Chair and Associate Professor in Stem Cells and Developmental Biology, University of Southampton</td>
</tr>
<tr>
<td>09.25</td>
<td>Development of the ovary and rescue after chemotherapy - Prof Blanche Capel, Professor of Cell Biology, Duke University Medical Centre, USA</td>
</tr>
<tr>
<td>09.55</td>
<td>How the environment affects ovarian function and the oocyte - Dr Roger Sturmey, Senior Lecturer in Reproductive Medicine, Hull York Medical School</td>
</tr>
<tr>
<td>10.25</td>
<td>Replenishing the adult ovarian follicular population - Prof Evelyn Telfer, Personal Chair in Reproductive Biology, University of Edinburgh</td>
</tr>
</tbody>
</table>

### 10.05
Exhibition, refreshments and attended poster presentations

### 12.00
**The Anne McLaren Memorial Lecture**

The role of sister germ cells in oocyte differentiation - Dr Allan Spradling, Department of Embryology, Carnegie Institution for Science/HHMI, Baltimore, USA

### 13.00-13.15
Lunch, exhibition and poster presentations

### 13.15
**SHORT PAPER SESSIONS A**

5 parallel sessions with peer reviewed papers from submitted abstracts

#### A1 - Emerging strategies in ART

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<tbody>
<tr>
<td>14.15</td>
<td>Multilocus genetic risk scores for poor ovarian response - Belen Lledo, Instituto Bernabeu Biotech, Spain</td>
</tr>
<tr>
<td>14.30</td>
<td>For women undergoing double embryo transfer on day five, the addition of a poor quality embryo may have a detrimental effect on assisted reproduction outcome - Alison Richardson, University of Nottingham</td>
</tr>
<tr>
<td>14.45</td>
<td>A second injection of kisspeptin-54 safely improves oocyte maturation during in vitro fertilisation therapy in women at high risk of ovarian hyperstimulation syndrome - Ali Abbara, Imperial College London</td>
</tr>
<tr>
<td>15.00</td>
<td>Progesterone assay concentrations to guide whether to proceed to a fresh embryo transfer or to freeze all suitable embryos are insufficiently reliable - Jennifer Lyon, GCRM</td>
</tr>
<tr>
<td>15.13</td>
<td>The clinical value of time-lapse as an efficacious embryo selection tool: A systematic literature review and meta-analysis of 45 studies involving 28876 embryos - Stephanie Yip, Imperial College London</td>
</tr>
<tr>
<td>15.30</td>
<td>Intraplpid infusion does not result in improved live birth rates in women with recurrent implantation failure undergoing IVF treatment and is associated with an increased risk of congenital fetal malformations: a double blinded randomised controlled trial - Islam Gamaleldi, University of Bristol</td>
</tr>
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#### A2 - Sperm integrity and function

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<tbody>
<tr>
<td>14.15</td>
<td>SRF/SRB Exchange paper: Cellular samurais and sperm: katna12 is an essential regulator of microtubules in haploid male germ cells and sertoli cells - Jessica Dunleavy, Monash University, Australia</td>
</tr>
<tr>
<td>14.30</td>
<td>Does exposure to cisplatin impair survival and proliferation of spermatogonial stem cells in prepubertal mouse testis? - Frederica Lopes, University of Edinburgh</td>
</tr>
<tr>
<td>14.45</td>
<td>Effect of Electronic-cigarette flavourings on (I) human sperm motility, chromatin integrity in vitro and (II) mice testicular function in vivo - Helen O'Neill, UCL</td>
</tr>
<tr>
<td>15.00</td>
<td>SPERM DNA Quality in Hr6b (Ubiquitin-conjugating enzyme) Knockout Mice: DNA damage study - Kishlay Kumar, Queen’s University Belfast</td>
</tr>
<tr>
<td>15.13</td>
<td>DNA sequence analysis of the sperm HALO provides evidence for sequence-specific compartmentalisation of chromatin in the mature spermatozoon nucleus - Adel Binthurahem, University of Leeds</td>
</tr>
<tr>
<td>15.30</td>
<td>As defined by sperm chromatin integrity, a complementary relationship exists between sperm affinity for hyaluronic acid and sedimentation properties in density gradients - Forough Torabi, University of Leeds</td>
</tr>
</tbody>
</table>
### A3 Social challenges of infertility
**Chair:** Isabel Traynor, BFS Executive Committee

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.15</td>
<td>A3.1</td>
<td>Kisspeptin modulates sexual and emotional processing in men</td>
<td>Alexander Comninos, Imperial College London</td>
</tr>
<tr>
<td>14.30</td>
<td>A3.2</td>
<td>Addressing the needs of orthodox Jewish couples seeking fertility treatment</td>
<td>Katie Best, Gateshead Fertility Unit</td>
</tr>
<tr>
<td>14.45</td>
<td>A3.3</td>
<td>Does egg sharing, in which women donate half of their eggs reduce the chances of success compared to women having self-funded IVF/ISCI cycles?</td>
<td>Shabana Bora, Lister Fertility Clinic</td>
</tr>
<tr>
<td>15.00</td>
<td>A3.4</td>
<td>Fertility preservation for young persons undertaking gender reassignment; management considerations for the clinical embryologist</td>
<td>Charlotte Taylor, Bourn Hall Clinic</td>
</tr>
<tr>
<td>15.13</td>
<td>A3.5</td>
<td>The role of a clinical nurse specialist in managing a successful donor sperm programme</td>
<td>Denise Kerslake, Jessop Fertility, Sheffield Teaching Hospitals NHS Foundation Trust</td>
</tr>
<tr>
<td>15.30</td>
<td>A3.6</td>
<td>Surrogacy - why, where and how? a study of cycles conducted between 2012 and 2015</td>
<td>Lucy Richardson, Herts and Essex Fertility Centre</td>
</tr>
</tbody>
</table>

### A4 Predicting embryon growth and development
**Chair:** Helen Priddle and Ellen Armstrong, ACE Executive committee

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14.15</td>
<td>A4.1</td>
<td>Blastocyst contraction pattern as a potential predictor of embryo chromosomal content</td>
<td>Xavier Vinals, The Centre for Reproductive &amp; Genetic Health</td>
</tr>
<tr>
<td>14.30</td>
<td>A4.2</td>
<td>The developmental potential of mosaic embryos</td>
<td>Samer Alfarawati, Reprogenetics UK</td>
</tr>
<tr>
<td>14.45</td>
<td>A4.3</td>
<td>Comparing euploidy rates of blastocysts cultured in the embryooscopy to conventional incubators</td>
<td>Reena Gupta, CARE Fertility</td>
</tr>
<tr>
<td>15.00</td>
<td>A4.4</td>
<td>Impact of double cryopreservation and biopsy on PGD cycle outcome</td>
<td>Yaser Dajani, Assisted Conception Unit Guy’s Hospital</td>
</tr>
<tr>
<td>15.13</td>
<td>A4.5</td>
<td>First clinical application of a novel ultra-rapid comprehensive chromosome screening technique</td>
<td>Katharina Spath, Reprogenetics UK</td>
</tr>
<tr>
<td>15.30</td>
<td>A4.6</td>
<td>Haploid parthenotes and normally fertilized embryos have differential response to ammonia exposure in vitro</td>
<td>Guruprasad Kathur, Kasturba Medical College, Manipal University, India</td>
</tr>
</tbody>
</table>

### A5 Hormones in female reproduction
**Chair:** Bob Robinson, SRF

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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14.15</td>
<td>A5.1</td>
<td>Evidence for TGF-beta regulation of cell cycle genes in granulosa cells of primordial follicles</td>
<td>Sofia Granados, Aparici, The University of Sheffield</td>
</tr>
<tr>
<td>14.30</td>
<td>A5.2</td>
<td>Effect of bone morphogenetic protein-15 (BMP15) on gonadotropin-stimulated synthesis of hyaluronan and progesterone in porcine ovarian follicle</td>
<td>Eva Nagyova, Institute of Animal Physiology and Genetics, Academy of Sciences of the Czech Republic</td>
</tr>
<tr>
<td>14.45</td>
<td>A5.3</td>
<td>BFS/AFS Exchange paper: Clomiphene, metformin, letrozole, tamoxifen or combined clomiphene-metformin for polycystic ovary syndrome – a systematic review and individual participant data network meta-analysis</td>
<td>Rui Wang, University of Adelaide, Australia</td>
</tr>
<tr>
<td>15.00</td>
<td>A5.4</td>
<td>Prostaglandin effects to myometrial and leiomyoma cells in vitro through microRNA profiling</td>
<td>So Ra Oh, Dong-A University, Department of Obstetrics and Gynaecology, South Korea</td>
</tr>
<tr>
<td>15.13</td>
<td>A5.5</td>
<td>The impact of DHEA on endometrial receptivity</td>
<td>Douglas Gibson, University of Edinburgh</td>
</tr>
<tr>
<td>15.30</td>
<td>A5.6</td>
<td>Dynamic changes in gene expression and signalling during early placental development in the horse</td>
<td>Jordan Read, The Royal Veterinary College</td>
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</tbody>
</table>

### UPDATE SESSION 1
**BFS Update**
- Managing unexplained infertility - evidence vs expectations - Prof Siladiyta Bhattacharya, Director, Institute of Applied Health Sciences, University of Aberdeen
- IUI vs IVF - Dr Madelon Van Wely, Centre for Reproductive Medicine, Amsterdam, Netherlands
- Why do embryos not implant? - Prof Magdalena Zernicka Goetz, Professor of Mammalian Development and Stem Cell Biology, University of Cambridge (Invited)

**ACE Update**
- Advancing our knowledge of embryo selection
  - Embryo selection: What evidence is required, and do we even need it? - Dr Sebastiaan Mastenbroek, Assistant Professor, Clinical Embryologist, Center for Reproductive Medicine, Academic Medical Center, Amsterdam
  - The zinc spark as a novel marker of oocyte and embryo quality - Nan Zhang, Postdoctoral Fellow, Woodruff Lab, Northwestern University, Canada
- Embryo biomarkers - Kirstine Kirkegaard, Department of Clinical Medicine, Aarhus University, Denmark
### SRF Update

**Endometrial and embryo dialogue**
- Extrinsic and intrinsic regulation of pregnancy establishment in ruminants - Prof Tom Spencer, Professor of Reproductive and Developmental Biology, University of Missouri, USA
- Prostaglandin F2a in embryo-maternal interactions in the pig - Agnieszka Waclawik, Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Olsztyn, Poland
- Predicting recurrent implantation failure in IVF - Prof Nick Makkon, Professor of Obstetrics and Gynaecology, University of Southampton

**Nursing Update**
- Dilemmas for couples considering egg donation treatment - Ruth Wilde, Senior Fertility Counsellor, Complete Fertility Southampton
- Prediction and prevention of miscarriage - Prof Arri Coomarasamy, Director of Tommy’s National Centre for Miscarriage Research, University of Birmingham
- Screening for viruses and effect positive results on fertility storage and treatment - Andrew Drakeley, Consultant Gynaecologist, Hewitt Fertility Centre, Liverpool

### Friday 6 January

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.10</td>
<td>Registration, exhibition, refreshments and poster presentations</td>
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<tr>
<td>08.15-09.00</td>
<td>Merck symposium</td>
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<tr>
<td>09.10</td>
<td><strong>PLENARY SESSION – Oocytes</strong></td>
</tr>
<tr>
<td>09.20</td>
<td>Why is aneuploidy so common in oocytes and why does it increase with a woman’s age? - Prof Keith Jones, Head of Biological Sciences, Professor of Cell Biology, Principal Investigator, University of Southampton</td>
</tr>
<tr>
<td>09.45</td>
<td>Meiosis in mammalian oocytes - Christian Ottolini, School of Biosciences, University of Kent</td>
</tr>
<tr>
<td>10.10</td>
<td>Can we stop ovarian ageing? - Prof Helen Picton, Head of Division of Reproduction and Early Development, Leeds Institute of Cardiovascular and Metabolic Medicine</td>
</tr>
<tr>
<td>10.35</td>
<td>Exhibition, refreshments and attended poster presentations</td>
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<tr>
<td>11.20</td>
<td><strong>Howard Jacobs Lecture</strong></td>
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<tr>
<td>11.30</td>
<td>Ovarian stimulation for infertility treatment: past, present and future - Prof Bart Fauser, Professor of Reproductive Medicine, University Medical Centre, Utrecht, The Netherlands</td>
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<tr>
<td>12.10</td>
<td>BFS Honorary Fellowships</td>
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<tr>
<td>12.20-13.00</td>
<td>BFS AGM</td>
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<tr>
<td>12.20</td>
<td>Lunch, exhibition and poster presentations</td>
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<tr>
<td>13.30</td>
<td><strong>SHORT PAPER SESSIONS B</strong></td>
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<tr>
<td>13.30</td>
<td>Maturing a good egg</td>
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<tr>
<td>13.30</td>
<td>Chair: Helen Picton, Head of Division of Reproduction and Early Development, Leeds Institute of Cardiovascular and Metabolic Medicine</td>
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<tr>
<td>13.30</td>
<td>B1.1 Sub-populations of oogonial stem cells can be isolated from the adult human ovary - Yvonne Clarkson, The University of Edinburgh</td>
</tr>
<tr>
<td>13.45</td>
<td>B1.2 Characterization Of P-Body Formation During Bovine Oogenesis - Jiaping Lu, University of Leeds</td>
</tr>
<tr>
<td>14.00</td>
<td>B1.3 Functional analysis of the oocyte specific imprinting regulator KHDC3L in bovine oocytes and embryos - Erika Berenyi, University of Leeds</td>
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<tr>
<td>14.15</td>
<td>B1.4 Mitochondrial Indices of Ovine Oocyte Maturation In-Vitro - Keerthi Gnanaprabha, University of Leeds</td>
</tr>
<tr>
<td>14.30</td>
<td>B1.5 Mitochondrial markers associated with maternal age during ovine oocyte maturation in vitro - Chutma Topipat, Reproduction and Early Development, University of Leeds</td>
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<tr>
<td>14.45</td>
<td>B1.6 RNA-Seq profiling of bovine cumulus-oocyte transcript abundance after treatment with cAMP modulators - Mariana Machado, Institute of Biosciences, University of Sao Paulo State (UNESP), Brazil</td>
</tr>
</tbody>
</table>
Fertility 2017

B2 The ART of sperm
Chair: Jason Kasraie, Consultant Embryologist and Andrologist (Clinical Scientist), Shropshire and Mid Wales Fertility Centre and Rebecca Swann, Pre-registered Clinical Embryologist, Oxford Fertility

13.30 B2.1 Novel prognostic factors for sperm retrieval in patients with non-obstructive azoospermia undergoing microdissection testicular extraction (mTESE) - Seraphina Luo, Hammersmith Hospital

13.45 B2.2 Improving art outcome following unexplained total failed fertilisation - Sarah Martins da Silva, Reproductive and Developmental Biology, School of Medicine, University of Dundee

14.00 B2.3 The clinical value in assessing sperm total aneuploidy rate in couples undergoing failed intracytoplasmic sperm injection (ICSI) and its correlation with semen parameters - Timothy Bracewell, Imperial College London

14.15 B2.4 Profiling the intracellular calcium dynamics in single spermatozoa and their association with IVF fertilisation success - Mark Kelly, University of Dundee

14.30 B2.5 Sperm preparation and egg activation for bovine intracytoplasmic sperm injection (ICSI) - Judith Gomez, Martinez, University of Nottingham

14.45 B2.6 Vitamin E Extenuates Damaging Effects of Unilateral Blunt Testicular Trauma on Contralateral Epididymal Sperm - Reza Moeini Moghaddam, Department of Basic Sciences, Faculty of Veterinary Medicine, Urmia University, Urmia, Iran

B3 Fertility Preservation
Chair: Richard Anderson, Head of Section, Obstetrics and Gynaecology, University of Edinburgh

13.30 B3.1 Investigating the role of somatic cells in follicle dysregulation observed in a mouse model of Premature Ovarian Insufficiency using the reaggregated ovary technique - Sarah Sheik, University of Oxford

13.45 B3.2 Ethanol extract of Moringa oleifera leaves attenuate cyclophosphamide-induced testicular toxicity by improving endocrine functions - Gunuprasad Nayak, Kasturba Medical College, Manipal University, India

14.00 B3.3 Human fetal testis xenografting as a model for developing fertility preservation strategies for prepubertal boys - Marsida Hutka, University of Edinburgh

14.15 B3.4 Can tyrosine kinase signalling protect the ovary from cisplatin-induced damage? - Agnes Stefansdottr, University of Edinburgh

14.30 B3.5 Development of a survey to assess interest in fertility preservation among children and adolescents with cancer: the cancer and reproductive health (CAREh) in kids and teens survey - Nikoletta Panagiotopoulou, Aberdeen Maternity Hospital

14.45 B3.6 A nationwide UK survey on female fertility preservation prior to cancer treatment - Yazan Abdallah, Manchester IVF

B4 Predicting embryo growth and development 2
Chair: Tom Fleming, Treasurer, SRF, University of Southampton

13.30 B4.1 A method to a fully automated evaluation of bovine blastocyst images based on artificial intelligence - Jose Celso Rocha, Sao Paulo State University, Brazil

13.45 B4.2 Oliana Strings: Useful marker of embryo viability - Ranya Derrick, Imperial College London

14.00 B4.3 Healthy baby born after preimplantation genetic diagnosis of mitochondrial DNA disease utilising next-generation sequencing - Katharina Spath, Reprogenetics UK, University of Oxford

14.15 B4.4 Prostaglandin F2alpha regulates adhesion of HTR8/SVneo trophoblast cell line - Monika Baryla, Institute of Animal Reproduction and Food Research of Polish Academy of Science, Olsztyn, Poland

14.30 B4.5 Hyaluronic Acid: An Anti-angiogenic Shield for the Post-implantation Embryo - Ron Hadas, The Weizmann Institute of Science, Israel

14.45 B4.6 Does the additional transfer of a poor quality blastocyst affect clinical outcome? - S Tailor, Chelsea and Westminster Hospital

B5 Optimising health outcomes
Chair: Virginia Bolton, Treasurer BFS, Guy’s and St Thomas’ Hospital

13.30 B5.1 An ectopic pregnancy cannot be excluded...Or can it? - Alison Richardson, University of Nottingham

13.45 B5.2 Live birth rates following the transfer of atypically fertilised embryos in an ivf/icsi setting - Victoria Barry, University of Bristol

14.00 B5.3 Can the transfer of a genetically affected embryo after PGD ever be justified? Questions of autonomy and welfare of the child in a case report of the transfer of an embryo affected by osteogenesis imperfecta - Georgios Christopoulos, IVF Unit, Hammersmith Hospital

14.15 B5.4 Slow release insemination versus conventional IUI: initial results from a multi-centre trial - Bryan Woodward, IVF Consultancy Services

14.30 B5.5 Multivariate analysis examining the association between infertility, assisted reproduction and pregnancy outcomes in a single centre tertiary referral obstetric unit - Eimer O’Malley, Coombe Women and Infants University Hospital, Dublin

14.45 B5.6 Development of a universal method for the preimplantation diagnosis of <beta> thalassemia and sickle-cell anemia using a novel next generation sequencing approach: A new paradigm for PGD - Nada Kubikova, University of Oxford, Reprogenetics UK
15.00  Exhibition, refreshments and attended poster presentations

15.45-17.15  UPDATE SESSION 2

**BFS Update**
Emerging evidence and new approaches to management
Premature ovarian insufficiency - Lisa Webber, Consultant Gynaecologist, The Portland Hospital and University College London Hospitals
Infertility, fertility treatment and risk of cancer - Prof Alistair Sutcliffe, Professor of General Paediatrics, Institute of Child Health, London
Preparing for gender transition - James Barrett (Invited)

**ACE Update**
Emerging technologies
Is spending the first few days of life in a test tube good for your health? The EpiHealth project - Prof Daniel Brison, Honorary Professor of Clinical Embryology and Stem Cell Biology; Scientific Director of the Department of Reproductive Medicine; and Co-Director NW Embryonic Stem Cell Centre (NWESCC)
CRISPR: editing the embryonic genome - Kathy Niakan, Group Leader, Francis Crick Institute
What can we learn from the embryo in its first 14 days? - Prof Magdalena Zernicka Goetz, Professor of Mammalian Development and Stem Cell Biology, University of Cambridge (Invited)

**SRF Update**
Infectious threats to reproduction
Consequences of bluetongue and schmallenberg on ruminant reproduction - Prof Peter Mertens, Research Leader, Arbovirus Molecular Research Group, and Head of The Pirbright Institute’s Vector-borne Viral Diseases (VVD) Programme
Pathogenesis of enzootic abortion and identification of immune correlates of protection - Prof Gary Entrican, Principal Research Scientist, The Moredun Foundation and Honorary Professor, University of Edinburgh and University of Glasgow
Role of chlamydial infection in early pregnancy failure - Prof Andrew Horne, Professor of Gynaecology and Reproductive Sciences and Honorary Consultant Gynaecologist, University of Edinburgh

**Nursing Update**
Endocrinology
New concepts in PCOS - Prof Adam Balen, Leeds Centre for Reproductive Health and Chair, British Fertility Society
Thyroid disease and reproductive problems - Dr Ephia Yasmin, Sub-specialist in Reproductive Medicine and Surgery, University College London Hospitals
Pitfalls of ovarian reserve assessment - Richard Fleming, Professor of Reproductive Medicine & Director, GCRM Ltd

**School engagement session**
Opportunity for local secondary school students to learn about scientific and ethical aspects of human fertility, to stimulate interest in healthcare/lifescience issues and career opportunities.

17.30-18.15  Finox Biotech symposium

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Saturday 7 January

08.15  Registration, exhibition, refreshments and poster presentations

**Bob Edwards Memorial Lecture**

09.10  Chair’s welcome
09.15  What we know, what we think we know and what we don’t know - Prof Gerald Schatten, Professor of Cell Biology and Physiology, University of Pittsburgh, USA

10.00  Debate: Mild stimulation versus controlled ovarian hyperstimulation
Chair: Dr Jane Stewart, Secretary, British Fertility Society
Panel members:
- Prof Geeta Nargund, Medical Director of CREATE Fertility, Senior Consultant Gynaecologist and Lead Consultant for Reproductive Medicine Services, St George’s Hospital London
- Prof Sidaddya Bhattacharya, Director, Institute of Applied Health Sciences, University of Aberdeen

10.35  An update on NHS funding - Susan Seenan, Chief Executive, Fertility Network UK

10.45  Exhibition, refreshments and attended poster presentations

11.30-13.00  UPDATE SESSION 3

**BFS Update**
Environmental factors and infections that affect sperm quality - Prof Allan Pacey MBE, Professor of Andrology, University of Sheffield
Use of SPRMs in fertility and gynaecology - Prof Hilary Critchley, Professor of Reproductive Medicine, University of Edinburgh
HFEA update - Nick Jones, Director of Compliance, HFEA (Invited)
### ACE Update

**Pre-implantation genetics**

**Chair:** Dr Dagan Wells, Associate Professor, University of Oxford

- Innovations in PGD of single gene disorders: the karyomapping revolution - Prof Alan Handyside, Consultant in Pre-implantation Genetics, The Bridge Centre and Visiting Professor, University of Leeds
- PGS using next-generation methodologies: a review of the clinical evidence - Tony Gordon, Genesis Genetics (Invited)
- Should all IVF patients undergo preconception ‘carrier’ screening? - Alex Bisignano, Recombine Genomics

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**SRF Update**

**Influence of reproduction on lifetime health**

- One carbon metabolism: Linking nutritional biochemistry to epigenetic programming of long-term development - Kevin Sinclair, Professor of Developmental Biology, University of Nottingham
- Testosterone and health in ageing men - Prof Ilpo Huhtaniemi, Professor of Reproductive Endocrinology, Imperial College London
- Prenatal steroids programme metabolic dysfunction in sheep - Dr Mick Rae, Edinburgh Napier University

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**Nursing Update**

**Female reproductive organs**

- Management of ovarian cysts in fertility patients - David Ogutu, Consultant Obstetrician and Gynaecologist, North Middlesex University Hospital and Fertility Specialist, Herts and Essex Fertility Centre (HEFC)
- Ultrasound screening prior to fertility treatment - Prof Nick Raine-Fenning, Clinical Associate Professor and Reader in Reproductive Medicine and Surgery, University of Nottingham
- The uterus and the window of implantation - Prof Siobhan Quenby, Director, Biomedical Research Unit in Reproductive Health, Professor of Obstetrics, University of Warwick, and Honorary Consultant, University Hospital Coventry and Warwickshire NHS Trust

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### 13.00-13.45 ACE AGM

13.00  
Lunch, exhibition and poster presentations (final session)

### PLENARY SESSION – Ovarian function/dysfunction

14.15  
Chair’s welcome

14.20  
Predicting the menopause through genetics - Dr Anna Murray, Senior Lecturer, University of Exeter Medical School

14.45  
What can we learn about the oocyte from cumulus cell gene expression? - Tom Adriaenssens, Vrije Universiteit, Brussels

15.10  
Latest understanding in the control of GNRH secretion - Prof Richard Anderson, Head of Section, Obstetrics and Gynaecology, University of Edinburgh

15.35-15.45  
Closing remarks and introduction to Fertility 2018
Bursaries and travel grants
ACE, BFS and SRF each have funding available to assist with travel, registration and accommodation expenses for delegates requiring financial support to attend the conference and/or present a paper. Delegates are strongly encouraged to apply and make use of this valuable resource. For further details please contact your membership organisation.

Networking events
A range of evening networking events will take place during the conference offering the opportunity for delegates to meet with friends and colleagues, network, relax and have fun. Details will be sent to delegates as part of the joining instructions once registered for the conference.

The exhibition
The exhibition is a vital part of the event, enabling delegates to explore and compare a wide range of equipment and services from new and existing suppliers. The exhibition will also feature over 200 poster presentations and catering areas.

Delegates are encouraged to take the time during the conference to visit the exhibitors, as without their support the conference would not be possible.

If you are interested in exhibiting at Fertility please contact us at fertility@profileproductions.co.uk or call us on +44(0)20 3725 5840.

94% rated the exhibition as excellent or good
Call for papers

Don't miss the opportunity to present your work by an oral or poster presentation.

The conference committee are inviting submissions of scientific papers that cover all areas of fertility and reproductive biology that illustrates research and findings.

Oral papers are 15 minute presentations that will form part of the main programme. Posters will be on display for the duration of the conference in the exhibition hall. The presenter will be required to register for the conference to present their poster or paper.

Deadline for submission: Midnight on 11 September 2016

For further details or to submit an abstract please visit www.fertilityconference.org

Personal details

Title Dr/Profi/Mr/Mrs
First name
Surname
Job title
Employing organisation
Address
Postcode
Tel
Email
I am a member of ☐ BFS ☐ SRF ☐ ACE
☐ Other, please state

Additional requirements

☐ Vegetarian ☐ Vegan ☐ Other
☐ Wheelchair access ☐ Loop system
☐ Other
☐ Please do not publish my details in the delegate list

Registration fees

Member rates apply to current members of the BFS, SRF and ACE

<table>
<thead>
<tr>
<th>Ticket type</th>
<th>Before 31 Oct</th>
<th>1 Nov to 4 Jan</th>
<th>5 January onwards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full conference member</td>
<td>£365</td>
<td>£465</td>
<td>£495</td>
</tr>
<tr>
<td>Full conference non-member</td>
<td>£465</td>
<td>£545</td>
<td>£575</td>
</tr>
<tr>
<td>One day member</td>
<td>£165</td>
<td>£235</td>
<td>£255</td>
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<tr>
<td>One day non-member</td>
<td>£235</td>
<td>£275</td>
<td>£295</td>
</tr>
</tbody>
</table>

Please indicate which day/s you wish to attend:
Thursday
Friday
Saturday

Conference sessions

Please indicate which sessions you wish to attend

Update session 1: Thursday 5 January, 16.30 – 18.00
☐ BFS ☐ ACE ☐ SRF ☐ Nursing

Update session 2: Friday 6 January, 15.45 – 17.15
☐ BFS ☐ ACE ☐ SRF ☐ Nursing

Update session 3: Saturday 7 January, 11.30 – 13.00
☐ BFS ☐ ACE ☐ SRF ☐ Nursing

Conference organisers

Profile Productions Ltd
Boston House
69 – 75 Boston Manor Road
Brentford
Middlesex
TW8 9JJ
t: +44(0)20 3725 5840
f: +44(0)844 507 0578
e: fertility@profileproductions.co.uk
w: www.profileproductions.co.uk
The Association of Clinical Embryologists

ACE

Fertility

2017

5-7 JANUARY 2017

Edinburgh International Conference Centre (EICC)

The EICC is one of the UK’s leading conference and exhibition venues featuring several large, flexible spaces including the brand new Lennox Suite with an innovative moving floor which transfers the 1,600m² space from flat-floor to auditorium, arena and tiered cabaret modes. Located in the heart of the city, close to Edinburgh Castle, shopping districts, hotels, restaurants and other city attractions, the EICC is incredibly easy to get to – just a few minutes’ walk from Haymarket Train Station.

For further information please visit www.eicc.co.uk

Accommodation

Edinburgh offers an extensive choice of accommodation, many hotels are within easy walking distance of the EICC and city centre. Hotel reservations are being handled through Marketing Edinburgh who with their expert local knowledge, have negotiated reduced rates for delegates at nearby hotels and guest houses. Please visit www.fertilityconference.org for further details.

Payment

☐ I enclose a cheque made payable to Fertility Conference Ltd for the sum of £

☐ Please send me an invoice for the sum of £

PO no

☐ Please debit my credit/debit card for the sum of £

Card type: __________________________

Card no: __________________________ / __________________________ / __________________________ / __________________________

Expiry: __________________________ / Issue No: __________________________ Security Code: __________________________

Name and address of cardholder if different to delegate attending

Name

Address

Postcode

By signing this form I have read and agreed to adhere to the terms and conditions below

Signature

Date

Terms and conditions

1. Registration fees include VAT at the prevailing rate, complimentary refreshments, lunch and conference materials. They do not include accommodation.

2. In order for your booking to be processed you must sign the terms and conditions. Your place is not guaranteed until you have received email confirmation and joining instructions from Profile Productions Ltd. If you do not receive confirmation within 24 hours of your booking being made, you should contact Profile Productions by email at fertility@profileproductions.co.uk.

3. Without exception, all fees must be paid in full prior to the event. Any delegates arriving at the conference with their payment outstanding will be asked to provide their credit card details as a guarantee. Any delegates registering within 28 days of the event MUST include a valid credit card for payment on the registration form. Bank transfer charges are the responsibility of the payer.

4. Cancellations received before 5 December 2016 will be refunded subject to a £45 administration fee. If a cancellation is made after 5 December 2016 we regret that no refund can be made. Substitute delegates are welcome at no extra charge but we require you to advise us of any substitutions 72 hours prior to the event. Any cancellations that still have payment outstanding will be liable for either the administration fee or the full registration fee, dependent on the time of the cancellation.

5. Changes to any aspect the conference (including speakers) may be necessary due to events outside the control of Profile Productions and the Joint Conference Committee. The organisers therefore reserve the right to make any necessary amendments to the programme or timings of the event.

6. The details of registered delegates (name, place of work and occupation) will be placed on the attendee list which will be given to sponsoring companies and exhibitors and made available to delegates. Delegates who do not wish to be included on this list should advise at the time of booking.

7. There will be photography and/or video production taking place during the conference and the resulting images may be used for promotional purposes on-line and/or in printed materials. Delegates who do not wish their images to be included in this material should contact the organisers by email at fertility@profileproductions.co.uk prior to the event.

8. Attendance fees will not be refunded in the event of threat of war, terrorism or other circumstances outside of the organisers’ control.

By signing this form I have read and agreed to adhere to the terms and conditions below

Signature

Date