

24th International Colloquium on Animal Cytogenetics and Genomics



University of Kent 6-8th July 2020

<https://kenthospitality.kent.ac.uk/Register/icacg2020>

My dear colleagues

On behalf of the local organising committee, it gives me the greatest of pleasure to invite you to the beautiful city of Canterbury to attend the 24th International Colloquium on Animal Cytogenetics and Genomics (ICACG2020).

We will be continuing a very long tradition to assemble researchers who are actively involved in animal cytogenomics to share and discuss their experiences. All participants are encouraged to bring interesting reports on the latest findings in the animal genome and karyotype diversity field for discussion and debate.

When away from the conference, you will be able to experience Canterbury Cathedral, the medieval streets, punting on the river, the Canterbury Tales exhibition, St Augustine's Abbey and the Roman museum

We offer accommodation on campus at a competitive rate (or you can arrange to stay in the city) and registration includes the conference dinner at Kent County Cricket Club as well as a wine reception.

Registration is £320 (delegate) or £260 (student – proof of registration will be required)

In addition, we would like to point out that, on the 9th July, the conference will team up with the Natural History Museum in London to launch the Ferguson-Smith **collection of animal cell lines**. An afternoon event will take place in London to celebrate the life and work of Malcolm Ferguson-Smith.

Darren K Griffin (conference chair)

Tentative Programme

Keynote Speaker: Oliver Ryder

The expanding role of comparative cytogenetics in species conservation efforts

Kevin Sullivan: Insights into the organization and dynamics of equine satellite-free centromere

Becky O'Connor: Prehistoric cytogenetics: Reconstructing dinosaur karyotypes from chromosomally assembled genomes

Aurora Ruiz Herrera: The 3rd dimension of genome evolution and its germline transmission

Darren Griffin: Using Cytogenetics to feed the world

Denis Larkin: Backward Genomics: Extant Genomes Provide Insight into the Structure and Evolution of Ancestral Mammalian and Avian Genomes

Tariq Ezaz: Chromosomal rearrangements in boars impacting litter size: An Australian perspective

Peter Ellis: Selfish sex chromosomes in mice: an evolving understanding

Pat Heslop Harrison: Chromosomes, repetitive DNA and diversity across Bovid tribes

Kornsorn Srikulnath: Genomics of snake sex: random distribution or super-sex chromosome?

James Turner: Metatherian embryo single cell RNA sequencing reveals conserved principles of lineage specification and X-inactivation

Marta Farre-Belmonte: Genome reconstruction and evolution in mammals

Dinner on the 8th July at Kent County Cricket Club



REGISTER TODAY: <https://kenthospitality.kent.ac.uk/Register/icacg2020>