



15th EUROPEAN CYTOGENOMICS CONFERENCE

June 29-July 1, 2025

LEUVEN, BELGIUM

www.eca2025.org





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ECA 2025 – The 15th European Cytogenomics Conference will take place in **Leuven, Belgium** on **June 29 – July 1, 2025**. Please save the date!

Innovative Format

We are evolving the conference format to include a series of pre-conference workshops designed to provide hands-on experience and in-depth knowledge on specialized topics.

Program Highlights

Several eminent scientists have agreed to contribute their expertise in various fields of cytogenomics, complemented by presentations in developing areas.

The meeting covers all aspects of chromosome and genome biology as well as clinical cytogenomics. The scientific sessions cover **technological advances** in long and short read sequencing, in situ sequencing, methylation analysis, multi-omics, single cell omics, cfDNA analyses; **fundamental aspects of genome biology** including centromere organization and evolution; **telomeres and genome aging**, animal and plant cytogenomics, structural variation, chromatin structure, the origins and evolution of aneuploidy in cancers and chromosomal disease mechanisms; **microplastic genome toxicity; clinical progress** including constitutional and acquired cytogenetics; preimplantation and prenatal diagnosis; **AI in cytogenomics and medicine**.

Permanent Working Group workshops will include presentations on topical issues, large project outcomes, and introductions to cytogenomic websites and databases.

Participants are invited to present their findings as posters some of which will be selected for presentation during the conference sessions and workshops. There will be many opportunities for early-career scientists to make presentations and be involved in discussions.

Registration

Registration details and early bird discounts are available on our conference website. Be sure to secure your spot early to take advantage of these offers.

We look forward to welcoming you to the **15th European Cytogenomics Conference** in Leuven!

For more information, visit our conference website www.eca2025.org

For any inquiries, please contact the conference organizing secretariat at eca2025@eca2025.org