



Applied Synthetic Biology in Europe (ASBE IV) 2018

The fourth edition of the Applied Synthetic Biology in Europe (ASBE IV) conference took place between 24 and 26 October 2018 in Toulouse, France. The meeting brought together researchers and practitioners working across synthetic biology, metabolic engineering and related areas of industrial biotechnology.

In total, the programme featured around **70–80 speakers**, including invited lecturers and contributed presenters. Participants travelled from more than **20 countries**, reflecting the strong international dimension of the event.

The scientific sessions were organised around several core themes:

- Genome engineering and synthetic genomics
- Bionanoscience and bionanoengineering
- Protein design and directed evolution
- Development of synthetic metabolic pathways
- Industrial and biotechnological applications

Over the three days, the conference covered a broad spectrum of approaches, from fundamental studies on regulatory systems and genome editing technologies to more applied work focused on cell-free systems, process optimisation and large-scale production strategies.

Alongside the main lectures, short presentations and poster sessions provided opportunities for early-stage researchers to present their work and interact with the wider community. These sessions encouraged discussion and exchange of ideas throughout the event.

Supporting organisations

