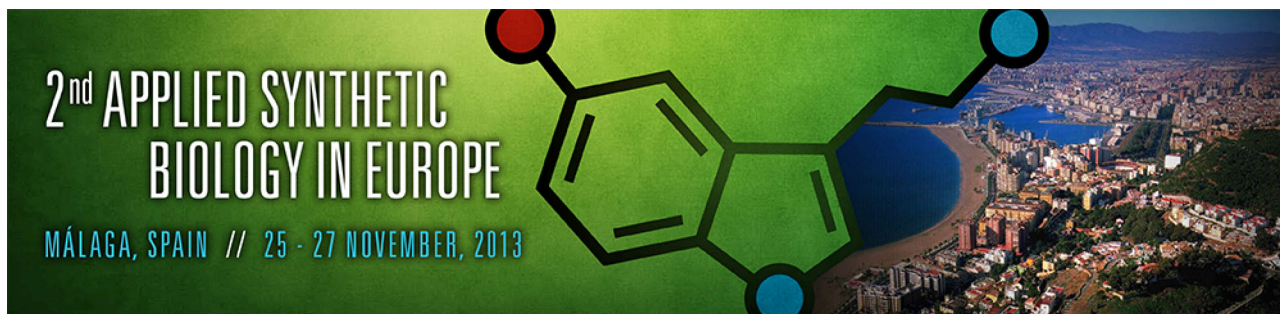




Applied Synthetic Biology in Europe Symposium (ASBE II)

The second Symposium on Applied Synthetic Biology in Europe was held in Málaga, Spain, bringing together researchers from a range of disciplines, including synthetic biology, metabolic engineering and systems biology. Building on the success of the first meeting in Barcelona, the symposium further explored the strong connections between these fields and their relevance to industrial biotechnology, bioprocessing and medical applications.

The event was organised as a joint initiative of several EFB sections, including the Microbial Physiology Section, the Applied Biocatalysis Section (ESAB), and the newly established Bioengineering and Bioprocessing Section (EBBS), which was officially launched during the meeting. This multidisciplinary framework encouraged participation from both established researchers and emerging scientists working across different domains.

The programme featured approximately **80–90 speakers**, including plenary, invited and contributed presentations. Participants attended from over **25 countries**, underlining the broad European and international interest in applied synthetic biology.

Scientific sessions covered a wide range of topics, including:

- Synthetic biology for healthcare applications
- Tools and technologies from concept to application
- Biofuels and small-molecule production
- Plant synthetic biology and emerging directions
- Synthetic biology approaches to protein production

Across the three-day programme, presentations addressed both fundamental and applied aspects of the field, ranging from pathway design and regulatory systems to industrial bioprocess optimisation and sustainable production strategies. Poster sessions and informal discussion moments played an important role in facilitating interaction among participants.

The meeting also provided a platform for networking and the development of new collaborations, particularly in view of ongoing and upcoming European initiatives in synthetic biology. This exchange of ideas contributed to shaping future research directions and strengthening cooperation across the community.

Overall, the symposium offered a valuable opportunity to connect different areas of expertise and to highlight the growing impact of applied synthetic biology across multiple sectors.

Supporting partner

