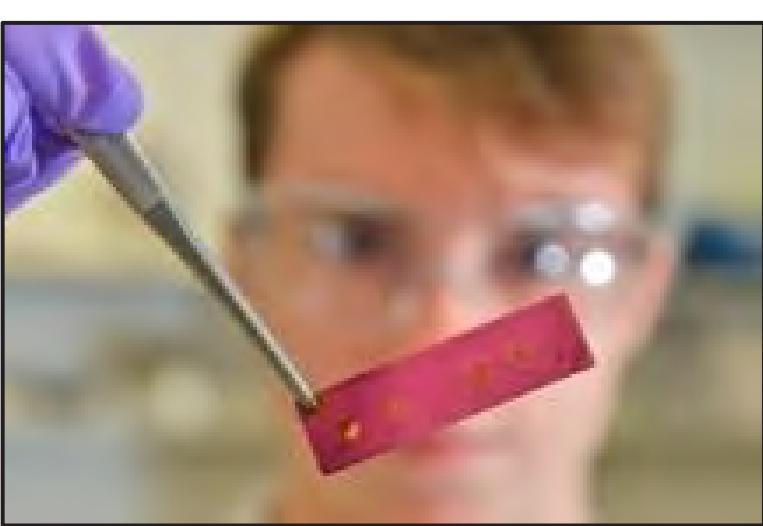


World Leaders in Synthetic Biology

Based in Roslin, on the outskirts of Edinburgh, Ingenza has state-of-the-art facilities at The Roslin BioCentre. Founded in March 2003, Ingenza now employs 38 members of staff.

Capabilities

- Molecular Biology - High Cell Density Fermentation - Process Development
GMP compliant strains and cell lines - Enzyme Engineering
Combinatorial genetic optimisation (inABLE®)



Molecular Biology

- Accelerated combinatorial cloning capability with inABLE®
- Wide spectrum of microbial expression systems
- Gene expression free from 3rd party IP
- Novel pathway validation and IP exemplification
- Rapid library screening for any enzyme class
- cGMP cell line engineering for biopharma products
- Full traceability and quality management system

Fermentation

- Fully equipped fermentation suite
- High cell density fermentation of bacteria, yeast and fungi
- Mammalian cell engineering for biologics manufacture
- Cell banking and microbiology expertise
- Customer support to 2.5 M litre manufacturing scale
- Technology transfer to partners in US, Europe and Asia

Chemistry & Bioprocessing

- Fully equipped synthetic chemistry laboratories
- Analytical expertise HPLC, LCMS, GCMS
- Novel IB pathway development through retrobiosynthetic analysis
- Technology transfer to manufacturing partners
- Synthesis of biologically complex intermediates
- Design of Experiments for optimal productivity and cost

Ingenza are looking for new commercial partnerships to apply our industrial biotechnology to the manufacture of chemicals, pharmaceuticals, food, feed, and consumer products. We are interested in new technology partnerships that offer synergy with our proprietary enabling technologies.

In addition to engaging in strategic partnerships to tailor our bioprocess services for clients, we also license our proprietary bioprocess technologies.

Contact – Sarah Graham sarah.graham@ingenza.com Tel - +44(0)131 200 6365
Website – www.ingenza.com Twitter - @IngenzaLtd