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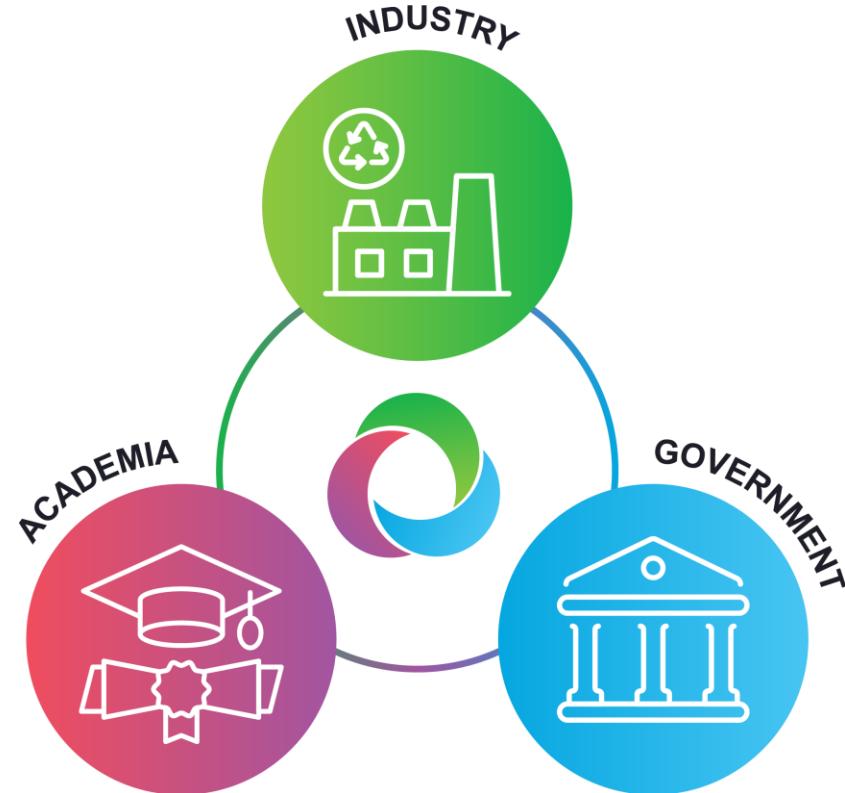
Introduction to IBioIC, FlexBIO Scale-up Facility & Bioprocessing Training with RESILIENCE

About IBioIC



Fostering innovation, building connections and nurturing talent for a green and prosperous future.

- Accelerate the application of Scotland's world class research.
- Support the innovation journey for researchers in academia and industry to develop products for global markets.
- Develop the talent to support sector growth.
- Celebrate, advocate and educate about biotech.



Innovate, Translate and Accelerate



Innovate

Signposting and tech scouting for companies
Market insights
Innovation Showcase
Industry challenge-based workshops



Translate

Feasibility and Spin Out funding competitions
Support for multi-partner collaborative bids
BioResource Mapping Tool



Accelerate

Bioprocess scale-up capabilities (**FlexBIO**)
Train to Scale – skills for bioentrepreneurs
Green Investor Forum

Designated support



Annelie

Heriot-Watt; Queen Margaret; Napier, SAMS; UHI



Lynsey

Glasgow; Abertay; Dundee; St Andrews



Caroline

Edinburgh; Strathclyde; Moredun; SRUC



Kim

Aberdeen; Glasgow Caledonian; Robert Gordon; UWS; James Hutton



Liz

Stirling; Open University Scotland; Heriot-Watt (FlexBio)

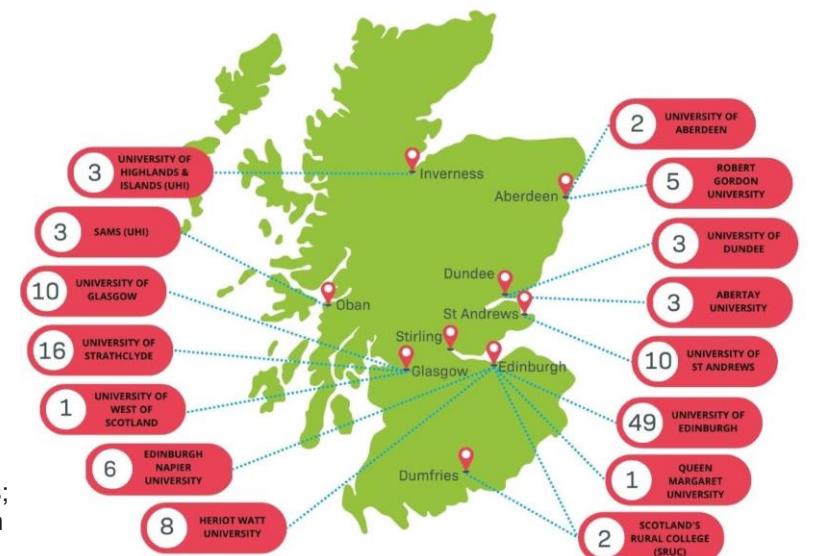
Data Management/IT; Drinks; Energy; Marine

Chemical Sciences; Engineering

Agritech; Biopharma; Construction

Consultancy; Feed and Food; Textiles/Materials

Associations and Networks; Charity; Contract Research Support; Funding bodies; Innovation Centres/Incubators; Outreach and Training; Professional Services; Public Bodies



FlexBIO Scale-Up Centre

Bioprocessing Scale-up Facility
hosted at Heriot-Watt university
and managed by IBioIC

- Enables industry & academia to scale-up
- Microbial and mammalian cell culture
- From healthcare to waste valorisation
- Recognised centre for bioprocess training
(RESILIENCE)



Our role in the marketplace



TYPICAL PROJECT ENGAGEMENT JOURNEY

Research Engagement Modes



Direct Use

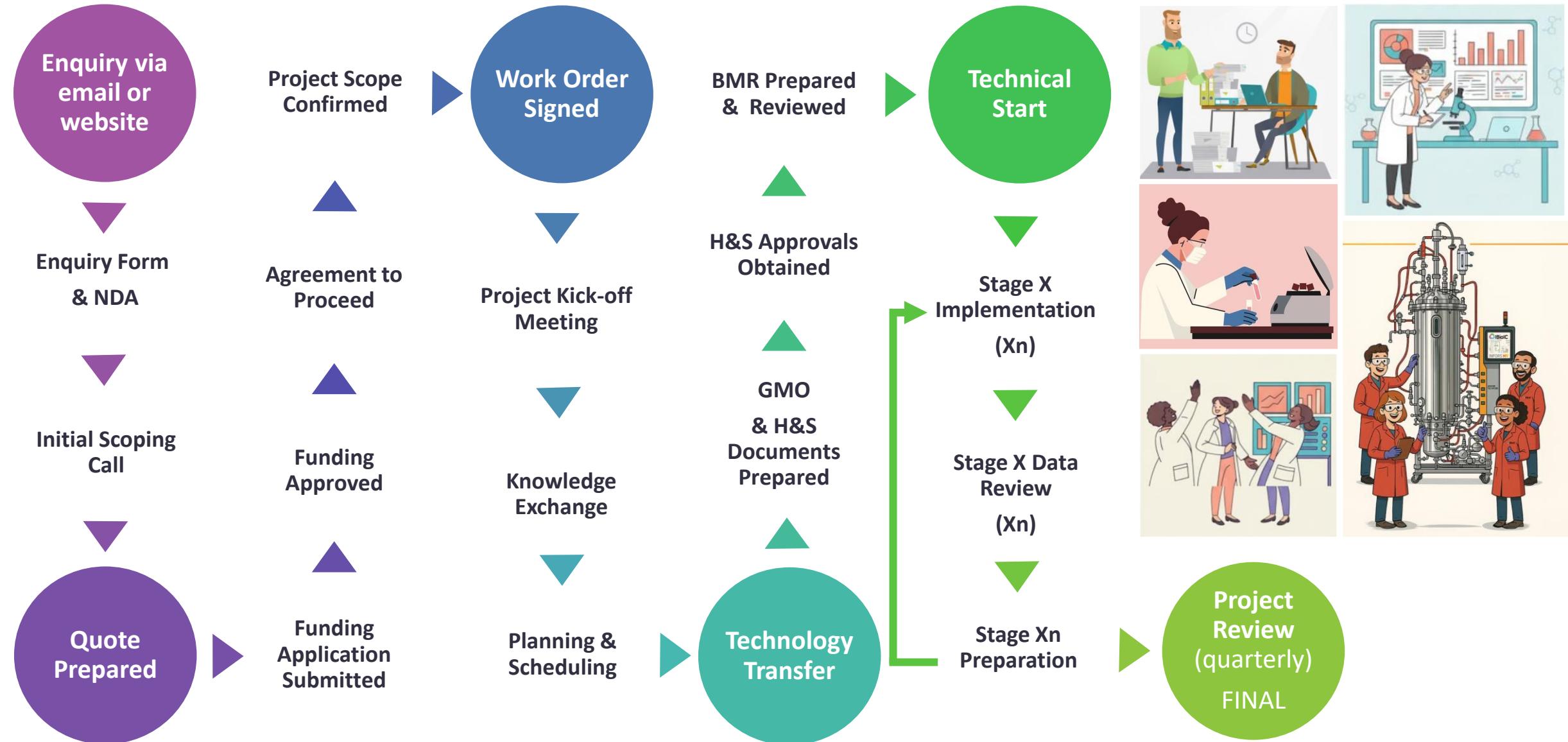


Short Duration



Research Services

Project Engagement



Key Achievements since 2016*



- Helping innovators & SME companies scale bioprocesses from lab bench (0.5L) to semi-pilot (30L) and pilot-scale (300L)
- De-risking research to attract investment
- Invaluable resource within the UK uniquely catering to broad industrial biotech sector
- Cost-neutral model (70-80% recovery target 2024-25)



Who is this?



Brian Pinker

The first person in the world to receive the Oxford-AstraZeneca COVID-19 vaccine in Jan 2021

RESILIENCE Medicines Manufacturing Skills Centre of Excellence



Advanced Bioprocessing Skills

HANDS-ON TRAINING COURSES

- Mastering Protein Purification (3 day)
- Certificate in Upstream Bioprocessing (3 day)
- Advanced DSP: From Harvest to Purity (3 day)
- BioProcess360: Integrated USP/DSP (5 day)
- Pilot Scale Upstream Bioprocessing (4 day)
- Applied Skills in Mammalian Cell Bioprocessing (3 day)

Outreach & CPD Training



Bespoke training also offered

Please contact: scaleuptraining@ibioic.com



USP & DSP TRAINING CERTIFICATES



Scan for course
overview and dates

www.ibioic.com

Scottish Fermentation Network

An informal network of those interested in fermentation, from sales to scientists.

To join:

- Select Scottish Fermentation Network when joining as an IBioIC member
- Existing members email: membership@ibioic.com



Annual Conference

- UK's leading industrial biotechnology event
- Engage with 400+ industry leaders, start-ups, spin-outs, researchers, funders and investors, and the upcoming generation of scientists and innovators
- Opportunity to learn, network, and gain valuable contacts and critical insights
- Exhibition & Delegate Registrations open mid-November

