



Industrial Biotechnology Innovation Centre

#IBioIC20 – IBioIC's Annual Conference

A call for abstracts

Wednesday 5th & Thursday 6th February 2020

The Technology & Innovation Centre, Glasgow, Scotland

WWW.IBIOIC.COM

IBioIC's Annual Conference steering committee for this year's invites you to submit an abstract to present at #IBioIC20

Abstracts are being accepted for our parallel tracks and will sit under the identified themes below. The call opens on **Thursday 22 August** and will close at midnight on **Wednesday 18 September 2019**.

Theme	Subject	About
Industrial Engagement	Company Showcase (IBioIC members only)	The Company Showcase provides a platform for IBioIC members to highlight the latest in technology developments to the audience. Presentations in this session are delivered by IBioIC members ranging from micro-SME's to large multinationals organisations.
	Planning for Business Growth (IBioIC members only)	A new session for 2020, we are offering IBioIC members who provide business services to showcase their services and the support available to help companies in their innovation journeys.
Biorefining	Municipal solid wastes & food processing by-products	Finding uses for organic waste streams with a higher value than bio-gas is a key opportunity for industrial biotechnology. Be it municipal waste, food waste or industrial/commercial waste, there are many technologies and processes being developed to better utilise these valuable resources. This is a call for papers from any organisation developing products and processes using these waste streams.
	Sugar beet potential for Scotland	The challenging biorefining technology to utilise cellulosic feedstocks as a source for fermentable sugar is progressing but still has some way to go before the industry is ready to claim full commercial viability. Recently, focus has again shifted towards starch and sugar feedstocks particularly for higher value fermentation products. Sugar beet grows very well in Scotland and it's only the lack of a processing plant that prevents this crop from being grown. A recent techno-economic analysis has concluded that growing sugar beet for producing bio-ethanol is viable proposition. Anyone developing new sugar

		fermentation products, experience of growing, handling, processing and developing sugar beet or beet base bio-ethanol plants are invited to share their experiences in this session.
	The Nordic Region – leading the way	A key aim of #IBioIC2020 is to enhance the international reputation of the conference. This session will find out more about bio-refining successes overseas, in particular, the Nordics - who are leading the way on bio-refining based on wood, seaweed and fish waste. This session is open to Nordic bio-refineries and organisations that support their development to share their experiences with the delegates.
	Developing a biorefinery cluster	Successful bio-refineries tend to cluster into specific locations, sharing services, logistics, utilities as well as providing critical mass for skills provision and support organisations. This session will explore what makes an industrial biorefinery cluster successful, how to they develop and how might we develop successful clusters in Scotland and the broader UK.
Innovation	Proteins	Rising global population, westernising diets and increasing global wealth is leading to a rethink on how we sustainably provide high quality and healthy protein for human needs across the world. Growing crops to feed animals is increasingly being seen as an unsustainable way going forward. Additionally the adoption of industrial biotechnology aligns the new chemical manufacturers much more closely with the food producers than the traditional links with oil and gas. We are interested in organisations that are tackling this problem with new sources of protein and using existing protein sources more sustainably.
	CO2 Utilisation	Removal of CO2 from the atmosphere, capturing it from waste gas streams as well removing carbon from natural gas at

		source are all being seriously considered as a way of tackling climate change. With the huge potential of the North Sea to store captured CO2, Scotland should be leading the world in CO2 utilisation technologies. This is a call for papers from any organisations involved in the capturing technologies, developing utilisation technologies and looking at renewable hydrogen opportunities.
	Fashion & the circular economy	Globally 200 billion garments are purchased annually, that is more than 25 garments per person. This consumption is largely driven by the fashion industry that realises that this level of consumption is unsustainable. Industrial biotechnology has a significant role to play in providing sustainable textiles, dyes and finishing chemicals for clothes and also in finding ways to recycle used garments. We are interested in organisations that are involved in fashion or providing the materials that the clothing industry consumes and hearing about innovative ideas for tackling this problem.
	Cosmetics & personal care	The global cosmetic industry is worth around \$600 billion, consumers are increasingly aware and demanding that the products they buy are sustainability sourced and environmentally benign. Industrial biotechnology has been at the forefront of meeting these demands with naturally sourced ingredients however much more can be done. We are interested in organisations that are involved in marketing, formulating and producing ingredients for the cosmetic and personal care markets.

Abstract submission

Abstracts must be submitted through [IBiolC's website](#) and should be no more than 250 words in length and must meet the eligibility requirements as outlined below in the [submission guidelines](#). Abstracts are invited which are both technical and or commercial in nature. Please ensure you check the box on the form to indicate which of these categories your presentation will fall under.

Abstract submission timeline

Date	Action
Thursday 22 nd August 2019	Call for abstracts opens
Wednesday 18 th September 2019	Call for abstracts closes (midnight)
Wednesday 9 th October 2019	Notifications emailed re outcome of their submission
Wednesday 16 th October 2019	Conference programme launched & registration opens
Wednesday 5 th & Thursday 6 th February 2020	#IBiolC20 – IBiolC's Annual Conference

Registration

Authors whose abstracts have been accepted are responsible for all costs associated with attending the conference including registration, travel, accommodation and conference dinner, unless otherwise agreed by IBiolC's steering committee. Upon confirmation that your abstract has been selected, you will be sent a link for registration.

Further information

If you have any questions regarding your abstract submission, please contact Ashley Jackson ashley.jackson@ibioic.com or 0044 (0)141 5483743

Guidelines for abstract submission

All abstracts must be submitted via IBiolC's website by midnight on Wednesday 18th September 2019. Abstracts submitted via other means will not be accepted.

Criteria

All abstracts should include the following information:

- Title
- One theme from the list selected
- Indication of whether the presentation will be technical or commercial in nature
- List of authors

- Biography & headshot
- 250 word abstract to be submitted in text format only. No graphs, figures, images should be used.

Themes

All abstracts should relate to one of the following themes:

Theme	Subject	Additional Information
Industrial Engagement	Company Showcase (IBioIC members only)	Based around a flash presentation style, these sessions typically feature up to 10 speakers' present 1-2 slides & are 5-10 minutes in length per presentation.
	Planning for Business Growth (IBioIC members only)	
Biorefining	Municipal solid wastes & food processing by-products	These sessions typically feature between 5-8 speakers & are between 10-15 minutes in length per presentation.
	Sugar beet potential for Scotland	
	The Nordic Region – leading the way	
	Developing a biorefinery cluster	
Innovation	Proteins	
	CO2 Utilisation	
	Fashion & the circular economy	
	Cosmetics & personal care	

Abstract Review Process

All abstracts will be reviewed for:

- Quality and novel innovation
- Demonstrable relevance to the themes
- Adherence to guidelines and format

Abstracts will be reviewed by an independent panel and according to the criteria above. The decisions made on the outcome of abstract reviews are final. Once accepted, a member of the team will be in touch to confirm your participation.

Where abstracts are submitted by more than one person, this can be indicated on the online form. For the purpose of session presentations, only one presenter will be permitted to deliver the talk. The name of the presenter must be noted.

In the event that your organisations'/institutions abstract is not accepted, please indicate on the form whether you would like to present your topic as a poster during the conference.

GDPR / Privacy Policy

For details on how IBIoC will use your data, please refer to the privacy policy located on our [conference webpages](#).