

Bionow Newsletter



Bionow News & Events

The latest Bionow News and upcoming Events



Bionow is delighted to welcome two new members

We look forward to working with:

Northway Biotech | Gallarous

Our members are at the heart of what we do and by joining Bionow and working together we can achieve more. Bionow members have access to a fantastic range of benefits and services to assist with being globally competitive, delivering world class innovation and inspiring the next generation. Become part of our community!

Join Us



Partner Snapshot: BioPartner

BioPartner is a Bionow Preferred Partner for discounted international conferences.

International partnering events and tradeshow are a major source of business leads for companies expanding into new

markets or looking for new collaborative partners. BioPartner UK negotiates entry fee discounts for UK companies attending many major international biopharma events.

Bionow Members and Premium Members can claim discounts at the BioPartner Alliance Member rate by registering at the BioPartner website or requesting a code.

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Meet the Member: Biosynth Laboratories Limited



Biosynth has an unrivalled research product portfolio of over one million products and end-to-end manufacturing services. Our expertise and capability run across Complex Chemicals, Peptides and Key Biologics, all from one trusted partner. Biosynth facilities span three continents with a rapid global distribution network. We produce chemicals on the milligram to ton scale and at ISO 9001 and GMP, with peptides at mg to multikilogram scale.

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BioCap 2023: the event for cutting-edge life sciences innovation investment



BioCap 2023 had another record turnout of more than 160 delegates, kicking off with a well-attended investor dinner before the conference itself the next day.

BioCap comprised of three elements: the digital pitching competition on 26th September with a shortlist of 11 finalists all presenting to a panel of online investors, followed by the investor dinner on 27th September and the main event on 28th September, featuring keynote speakers, panel discussions and one-to-one partnering meetings. The overall winner of the pitching competition, selected from a top three, was also announced.

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Quality, Regulatory & Clinical Professional Roundtable The Biosphere, Newcastle Helix

Tuesday 12th October 2023

**Are you a Biosphere tenant in the field of Quality,
Regulatory and Clinical Affairs?**

This is an opportunity to meet the neighbours, compare notes, and discuss any questions you may have about the latest in the ever-changing world of regulations and quality. You will also hear about support that is ready and available to you as Biosphere tenants from Bionow, QMS Consultancy and others, all of which makes the Biosphere a great place to be.

if anyone is interested please get in touch with
david.holmes@bionow.co.uk

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Empowering Women in Biotech HGF Leeds Office

Tuesday 17th October 2023

Following the success of our inaugural event, EWiB is BACK!

This event aims to unite like-minded individuals working in the biotech and life science sector and women looking to pursue a career in this industry. This is an inclusive event and all are welcome, particularly women in academia and industry who would like to network, and women who would like to learn about and explore the opportunities available to them.

Tickets are FREE and available in the link below.

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Pitching & Pizza The Biosphere, Newcastle Helix

Thursday 26th October 2023

Bionow and The Biosphere will be co-hosting a Pitching & Pizza networking event for companies operating in the life science and biomedical sector.

The event is not only a great opportunity to present to the life science and biomedical community but also gives companies a unique chance to hear about the latest technologies and innovations available from some of the leading companies in the North.

[Read More](#)



Oncology & Precision Medicine Conference Alderley Park Conference Centre

14th-15th November 2023

Following the success of 2022's events, the Oncology Conference and the Precision Medicine Conference is BACK and running on two consecutive days.

Join Bionow, expert speakers and industry colleagues to discuss the current oncology landscape on day one and the future of precision medicine on day two.

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Cybersecurity awareness month: A guide for ransomware prevention

It's cybersecurity awareness month and our cybersecurity partner Mitigo are sharing helpful advice and guidance. This week they are helping practices with a strategy to defend against ransomware attacks. This guide highlights the five layers of defence that you should have lined up against this threat to keep your business secure.

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If you would like to be involved with Bionow Events
we would **love to hear from you.**

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News

Keep up to date with Bionow Member, Partner and Sponsor News





University of Sheffield spinout company Crucible Therapeutics raises £5 million to advance pioneering treatments for neurological diseases

University of Sheffield spinout company, Crucible Therapeutics, a biotechnology company developing novel therapies to treat the most common genetic form of motor neurone disease (MND), amyotrophic lateral sclerosis (ALS), and frontotemporal dementia (FTD), has secured £5 million financing from Northern Gritstone and Argobio Studio.

[Read More](#)



Medtech sector sees surge in AI patent applications

Artificial Intelligence (AI) is changing the future of all industries, but findings published by intellectual property firm, Marks & Clerk, reveal the medical technology (medtech) sector is surging ahead. The number of AI-based patent applications filed by the sector has almost quadrupled since 2018 to 2771 medtech publications in 2022. But most strikingly, as a standalone sector, the year-on-year percentage growth in the number of AI applications filed repeatedly surpassed that of overall AI between 2014 and 2021.

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The Future of Commercial-Scale Cell Manufacturing: A CellRev trend report

CellRev are thrilled to announce the launch of their 2023 trend report on the future of commercial-scale cell manufacturing.

Discover industry insights on the challenges and opportunities in the field:

- Opportunities for scale-up and how to get there
- The key challenges facing cell manufacturers
- Insights from expert interviews and the findings of our industry survey

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Sunderland academic's Alzheimer's research selected for Bill Gates Snr Fellowship

For almost a decade Dr Sam Danso's career has focussed on the application of AI and Big Data technologies to brain health research with particular focus on Alzheimer's Disease and Related Dementias (ADRD).

Today, that work has been recognised, as the Senior Lecturer in Computer Science at the University of Sunderland, has been unveiled as one of seven academics globally, and the UK's only academic, to be selected for the inaugural William H Gates Snr Fellowship, established to support the new generation of researchers who have novel approaches to end Alzheimer's disease and related dementias.

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Biocair takes home two awards at the prestigious Asia-Pacific Cell & Gene Therapy Excellence Awards

The awards ceremony, held on September 14th in Singapore, shone a spotlight on outstanding pioneers, researchers, innovators and manufacturers in the cell and gene therapy field who are fostering rapid advancements in new therapies, research and development and manufacturing processes.

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£1 million funding award supports leading new medical research at Northumbria University

Two renowned biomedical researchers have been awarded £1 million to undertake world-leading research into diseases such as prostate cancer and mitochondrial disease at Northumbria University.

The grant funding has been awarded by the Academy of Medical Sciences as part of its commitment to attract and retain talent from across the globe to take up Professorships in the UK.

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University of
HUDDERSFIELD
Inspiring global professionals

Huddersfield part of £1.6m Future Fibres Network+ sustainability project

Huddersfield is one of five universities comprising the £1.6m [Future Fibres Network+](#) (FFN+).

The network's research will embed environmental sciences at the heart of fashion and textile sectors. It will establish systematic, circular and sustainable principles as the norm and build a critical mass of transdisciplinary expertise and methodologies.

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Liverpool University secures £2.66m to develop personalised cancer treatment

University of Liverpool researchers have secured £2.66m Medical Research Council funding to clinically test a novel immunotherapeutic strategy for non-small cell lung cancer – one of the most deadly cancers.

The team will use the funding to develop the trial to rapidly create personalised 'doggybone DNA' vaccines for patients, whose cancer is not benefiting sufficiently from standard immunotherapy. Doggybone DNA production – so called as the produced DNA is shaped like a dog's bone – involves replication of a DNA using enzymes in a test tube. Compared to standard DNA vaccine production the doggybone approach is more cost effective and, significantly, is quicker when creating personalised genetic medicine.

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Catalyx Digital LineClearance Assistant™
wins pharma/personal care excellence

award

Catalyx (formerly CXV Global and Panacea Technologies) has announced that its patent pending Digital LineClearance Assistant™ product has won in the healthcare and pharma category at the PACK EXPO “Technology Excellence Awards”, in recognition of the increased efficiency and safety it offers for Life Sciences packaging and fill/finish production lines.

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Horizon Europe Health (Cluster 1) and Innovative Health Initiative (IHI) - Consortia Building Event

This event, brought to you by UKRI will focus on building consortia. The event is open to delegates from the UK and beyond.

Attendees will have the opportunity to submit a pitch in advance outlining project ideas, which will be shared among all attendees and online afterwards. Submit your pitch before the deadline of **6th October 2023**.

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Torx® Software announces global drug discovery collaboration with CDD Vault®

Torx® Software Limited announces a collaboration with CDD Vault to facilitate the seamless synthesis and registration of new compounds during the small-molecule drug discovery process.

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CXV Global and Panacea Technologies announce new name

CXV Global and Panacea Technologies today announced their new name, Catalyx, to reflect their united purpose and offering focused on optimising operations for organisations in life sciences and other highly regulated industries.

The new name marks a milestone in the businesses' evolution, which began last year when they joined forces to provide customers with a holistic platform of products, technologies, and professional services. As one organisation, Catalyx can automate multi-site and multi-national end-to-end value chains for organisations in highly regulated, production-intensive industries.

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From discovery to clinical testing: HistologiX and Antibody Analytics forge ground-breaking alliance

HistologiX has recently announced that they have entered a strategic partnership with Antibody Analytics, a leading provider of immunology research services and characterisation of antibody-targeted therapeutics. This partnership allows them to expand their offerings to include a range of cutting-edge antibody testing services, ensuring that their customers have access to the most advanced technology and expertise in the industry.

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Northern Engineering Solutions accelerates RAF's net zero journey

Northern Engineering Solutions is helping the Royal Air Force (RAF) accelerate its journey to net zero by developing an innovative treatment system for waste jet fuel.

The process engineering firm based in North Shields is working with the RAF Innovation Fund and RAF Brize Norton on Project PICASSO - an effluent treatment system that uses bacteria to rapidly break down waste fuel for safe, sustainable and straightforward disposal or reuse.

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Yourgene Health launches Yourgene® MagBench™ DNA Extraction Instrument and Kit for NIPT workflows

The MagBench™ Automated DNA Extraction Instrument is easy to use, quick to install and provides users with an intuitive touchscreen user interface with built-in protocols, offering fast run times and flexible sample throughput to meet the laboratory's testing needs. The MagBench™ Extraction Kit comprises sample and elution tubes, pre-sealed cartridges with all the reagents needed for efficient cfDNA purification, and individually packaged tip sets with a unique cross-notch design for precise volume pipetting.

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Information

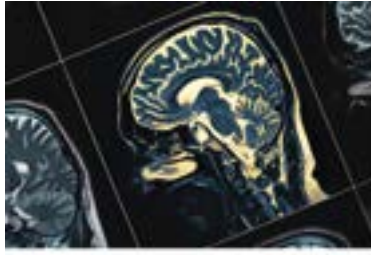
Product and service information, blogs, funding rounds, reports and more from our Members and the wider life science sector



Optical Genome Mapping (OGM) shines light on complex structural variants in genome

While many industry and academic leaders are beginning to acknowledge the prosperity of OGM, integrating this technology into mainstream genomic research requires the identification of best practices for its application. To support this movement and to maintain the momentum behind the genomic revolution, we are offering an exclusive 25% discount off Optical Genome Mapping services for all projects completed by the end of November 2023.

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Using AI to diagnose early stages of Alzheimer's disease

Molecular and cellular changes to the brain are known to start decades before symptoms are apparent. One of these first steps is the over-production and deposition of the amyloid-beta peptide in the brain. We are currently focused on advancing an amyloid-beta-an oral drug candidate, PK051, that can break up deposits of amyloid-beta.

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The top 5 hiring challenges Life Sciences organizations are facing in 2023

In the rapidly evolving landscape of life sciences, hiring the right talent has become increasingly challenging for organizations seeking to drive innovation and stay ahead in this competitive industry. In this article, we explore the top five challenges faced by life sciences organizations in the hiring process and delve into potential solutions to address these issues effectively.

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Department for
Science, Innovation
& Technology

Europe & Copernicus Programmes

The UK has announced its association to Horizon Europe & Copernicus programmes through a bespoke new agreement with the EU.

UK researchers can apply for grants and bid to take part in projects under the Horizon programme, with certainty that the UK will be participating as a fully associated member for the remaining life of the programme to 2027.

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Escaping fluorinated chemical space

At Cresset Discovery we endeavour to remain up to date with the changing development landscape, exploring new methods and techniques but also examining trends and problems that are approaching. It was this approach to analysis, and following discussions with our clients, that revealed this research and report from the European Chemicals Agency (ECHA).¹

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All the latest from the life science sector

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Recruitment

Check out the latest job opportunities



**Job Posting Free of Charge to
Bionow Members**



Members of Bionow can post their current job vacancies directly to the Bionow website free of charge.

<https://bionow.co.uk/jobs>

For further information contact the
Bionow team.

**Bionow Preferred
Recruitment Provider**



A leading science, clinical and engineering resource consultancy with a difference.

Contact the SRG team:

Behruz Sheikh (North West & Yorkshire)

Matthew Garner (Northern Region)



[Click here for the latest job opportunities](#)

Job Opportunities

Corporate Patron and Sponsors



Events

Upcoming Sector Events



MedFIT



LSX Nordic Congress



10th - 11th October 2023
Strasbourg Convention Centre

MedFIT is your unique opportunity to connect with international key innovators in the MedTech, diagnostic and digital health sectors. As a leading European partnering event, MedFIT provides the ideal environment to build partnerships for all public and private actors, to source innovative and competitive early-stage R&D projects, to speed the emergence of collaborative projects, to increase licensing opportunities, to obtain funding and to facilitate market access.

Bionow members can save 10% when registering with BioPartner UK!

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Identifying leads with targeted selectivity through virtual screening - optimizing the starting point to predict the molecules most likely to succeed



12th October 2023
Online

Cannabinoid (CB) receptors selectivity is an active area of research interest for several therapeutic reasons. Virtual screening can be a great first step in designing receptor subtype-specific ligands and can be performed using

10th - 11th October 2023
AC Hotel Bella Sky, Copenhagen

The LSX Nordic Congress is the leading senior executive strategy, investment and partnering conference for the Nordic region. It connects life science and healthcare industry leaders with international investment and strategic partners to further the growth, development and internationalisation of Nordic life science and healthcare innovation.

The mission is to facilitate ever greater international investment into the region, as well as foster strategic partnerships and collaboration with international healthcare stakeholders.

Bionow members can save 15% when registering with BioPartner UK!

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InspiredFutures - The LivUni Careers Fair



18th October 2023
University of Liverpool

Inspired Futures is the perfect opportunity to raise the profile of your organisation, promote your opportunities for 2024 and connect with a talented and diverse pool of students. Day Two of InspiredFutures will see the return of The LivUni Careers Fair on Wednesday 18th October! Join us as an exhibitor at our biggest event in the calendar and connect with our students at scale and in person. You'll also have the

protein-ligand structural data. We demonstrate how, by applying ligand-based computational methods combined with knowledge of structural biology and chemistry, we can define a novel ligand starting point prior to carrying out a virtual screen, resulting in hits with better receptor subtype selectivity.

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The University of Sheffield Autumn Fairs



23rd - 26th October 2023

University of Sheffield

Careers fairs are a great option for all types of employers, they allow you to raise the profile of your organisation and promote placement, internship and graduate job opportunities, as well as other initiatives, to a large audience of students.

Would you like to raise the profile of your organisation and increase brand recognition amongst students before, during and even after our careers fairs have taken place? Consider becoming a fair sponsor - contact us for more details at employers@sheffield.ac.uk

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GAMP® 5 (3 Day) Training

opportunity to reach out to target groups of students in advance to encourage engagement via a high-profile promotional campaign.

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'Demystifying the Landscape': October Health & Life Sciences Pledge Event



23rd October 2023

**Royal Station Hotel, Newcastle upon
Tyne**

The Health and Life Science Pledge has been designed to bring together the key Health and Life Science infrastructure in the North East and North Cumbria. Working with the Integrated Care Board North East North Cumbria (ICB NENC), we have developed a programme of work to help the health and life science infrastructure better communicate, collaborate and celebrate.

At the event, we will bring Health and Life Sciences pledgees together to look at 'demystifying the landscape' post re-licensing /re-branding that a few of the infrastructure organisations have experienced.

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10th Isbc Central European Life Science Investment Conference



24th - 26th October 2023

Online

Keeping current with the latest regulatory requirements and industry guidance can be a challenge when you have a hundred and one tasks to complete.

The GAMP® 5 (3 Day) Training goes beyond our Fundamentals of GAMP® 5 Guidance by investigating in depth the main topics in the latest version of GAMP® 5: A Risk-Based Approach to Compliant GxP Computerised Systems, and reviewing sample appendices from the following sections: Development, Management, Operation and Special Interest Topics.

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SEHTA's 2023 International MedTech Expo & Conference



3rd November 2023

Hilton London Tower Bridge

The SME focused healthcare event driving collaborations between Business, Care & Clinicians & Academics

For over 18 years, South East Health Technologies Alliance (SEHTA) has developed an excellent reputation for support of its 1,400+ members, especially SMEs, through its one-to-one mentoring,

lsbc

life science biznes consulting

25th - 27th October 2023

Hotel Stary, Kraków

Perfect Event is pleased to work with the lsbc brand, itself associated with various life science consulting activities in the UK and in the EU with a focus on Poland. The owner of the brand is LSBC (London) Limited.

The conference prides itself on high quality agenda, excellent networking opportunities in a convivial atmosphere in the Historic City of Krakow. The 2023 top-level theme is "Doing life science investment and business in a changing world".

Discount for Bionow members when registering with BioPartner UK!

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BIO-Europe 2023



6th - 8th November 2023

Messe München, Entrance East, Munich

BIO-Europe attracts a wide range of business leaders, including senior executives of leading biotech companies, business development teams from large and midsize pharmaceutical companies, investors and other industry experts.

fund-finding, consultancy and events programme.

Bionow members can save by booking through BioPartner.

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Life Sciences Employability Week - Employer Panel Discussions



**8th November 2023
University of Liverpool**

Raise the profile of your business with University of Liverpool students who will attend across all Life Sciences disciplines/year of study. Join employer led panels (free to attend), where employers can provide background to their company, the roles they would look to recruit for, how they recruit/when they recruit, their recruitment process and timings/application window, what will they look for in ideal candidate/what makes a good candidate, tips/guidance for their application process, why is it they should come and work for their company – what will excite them about their company, Q&A and an opportunity to network with the students attending.

Interested in taking part on a panel?
Contact pcull@liverpool.ac.uk for further information

FIND OUT MORE

Bionow members can save 11% on entry fees by registering through BioPartner UK with a £GBP invoice and no VAT to pay. Prices rise by €200 after 28th July and again on 15th September, 20th October and 3rd November.

Join the UK delegation for extra promotion, starting at £200.

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Evidence Generation for Diagnostics Developers



**8th - 9th November 2023
Online**

Join the NIHR Newcastle In Vitro Diagnostics Co-operative (NIHR Newcastle MIC) for a step-by-step guide to evidence development. This two-day online course introduces key concepts associated with evaluating new diagnostics and is suitable for anyone interested in this topic. The team will also highlight the support they offer as developers aim to bring their diagnostics to market. The NIHR Newcastle MIC team will deliver the course alongside experts from Newcastle University and Newcastle Upon Tyne Hospitals NHS Foundation Trust.

REGISTER



Are you hosting conferences and digital events? Would you like Bionow to assist with the promotion of these events?

Contact the Team

View the latest events here

View Events



Bionow supports business growth, competitiveness and innovation within the biomedical and life science sectors across Northern England. Our membership service adds value and cost-efficiency to scientific, clinical and business operations within early stage and growth-oriented firms.

Contact us:

www.bionow.co.uk | info@bionow.co.uk

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