

# 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:**

PharmaKure Ltd | Novopath

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: Cinetique Translations

**Cinetique Translations is a Bionow Preferred Partner  
for Translation and Interpreting.**

Cinetique Translations is an ISO 9001:2008 accredited language service provider and provides a variety of language services such as: translation, interpreting, transcription, website localisation, multilingual desktop publishing and formatting, international recruitment and project management. We work in a variety of Life Science specialist areas (medicine, pharmaceuticals, biotech) and our network of professionals is able to provide solutions in over 150 language combinations.

**As partners of Bionow we offer a 10% discount to Bionow Members and a 15% discount to Premium Members for any Cinetique ratecard services.**

[Read More](#)



### **Meet the Member: Mathys & Squire LLP**

Mathys & Squire are a leading UK intellectual property firm, with one of the North West's largest teams of patent attorneys focusing on biotech and healthcare. We help our clients implement practical IP strategies, whether protecting their own inventions and brands, or considering the impact of other parties' IP rights on their business. Contact Anna Gregson or Iain Armstrong in our Manchester office to find out more about how we can help you to address your IP needs.

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### **Event Summary:**

#### **Oncology & Precision Medicine**

For the first time in 2022, the Oncology & Precision Medicine Conferences were a two-day event with 120 delegates coming together to discuss the current oncology landscape and the future of precision medicine.

The programme focused on Oncology on day one and Precision Medicine on day two, with a special Biotech & Beers networking session taking place on the evening of the first day.



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**bionow** business pitching



**bionow**

## Business Pitching and Biotech & Beers Base, Manchester Science Park

**Thursday 10th November 2022**

Bionow and Bruntwood SciTech will be co-hosting a business pitching and Biotech & Beers networking opportunities event for companies operating in the life science and biomedical sector.

The event will start with registration at 3pm with welcome and business pitches beginning at 3.30pm.

Following the business pitching we will be hosting Biotech & Beers at Base from 5.30pm for an agenda-free networking evening which provides opportunities for key people from companies working in or with the life sciences sector to network and socialise with their peers in an informal setting over a drink or two.

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**bionow**

## Tools for Improving Clinical Diagnostics & Partnering University of Durham, Calman Centre

**Wednesday 7th December 2022**

**SAVE THE DATE**

Further details and agenda to follow shortly

**FREE** to attend

[Read More](#)



## **Mitigo Group Presents: Cybersecurity Awareness Month October 2022**

Bionow's cyber risk management partner, Mitigo Group, celebrated Cybersecurity Awareness Month in October with some top tips on keeping your details safe online...

[Read More](#)



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

[View Bionow Events](#)



## **News**

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



## **New survey on SME R&D needs for innovation in advanced materials**

A new survey from the Henry Royce Institute for advanced materials is aimed at supporting SMEs on their on their innovation journey to develop the advanced materials that will contribute to the game-changing products, services and engineered solutions that will improve all our lives. From increased durability and lightweighting to improved functionality and sustainability.



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## **Northern Powerhouse Virtual Trade Mission to Germany**

**Wednesday 11th January - Monday 27th February 2023**

The Department for International Trade (DIT) is delighted to invite businesses from across the Northern Powerhouse to submit an expression of interest to participate in a virtual trade mission to Germany. The programme is designed for businesses who operate in the Chemical and Pharmaceuticals sectors, and associated supply chains.

[Read More](#)



Department for  
International Trade

## **Doing Business in North America and Canada**

**Friday 4th November**

**The Riverside, Chester-Le-Street**

**09:30 - 13:00**

The Department for International Trade (DIT) are delighted to invite North East businesses to a free event, designed to explore their business potential in North America and Canada.

The US is our biggest market and our closest global partner across many strands of our societies. Recent research carried out by Santander Bank shows that more UK companies would prefer to trade with North America as opposed to Europe.

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## **A Spotlight on Aging webinar series**

In the last fifty years, life expectancy has increased dramatically thanks to advances in science, medicine, and public awareness. The population is living longer, but with it comes the challenge of improving Healthy Life Expectancy.

Join our speakers in our innovative 3-part webinar series where they will openly discuss 3 key topics:

- Therapeutic approaches for aging and age-related disease
- Aging and precision medicine
- Why older adults should not be underrepresented in clinical trials

[Read More](#)



## **PharmaKure Announces Move of Headquarters to Circular 1 Health in Didsbury, Manchester**

PharmaKure Limited - a UK based pharmaceutical company spun out from The University of Manchester - has announced that the company will be moving to share premises with Circular 1 Health, a health and wellbeing management service provider.

[Read More](#)



## **Webinar: Integrating advanced formulation expertise with on-demand Phase 1 clinical manufacturing and adaptive clinical testing**

**Moderated by Bionow**

In this webinar experts will discuss a unique approach that integrates advanced formulation expertise with on-demand Phase 1 clinical manufacturing, adaptive clinical testing, statistical and regulatory support to help achieve flexible and efficient First-in-Human studies and fast development for challenging molecules.

**The webinar will take place on 24th November 2022**

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## **Bouygues Energies & Services handed over a new cleanroom manufacturing**



## facility

Designed to process Beryllium, a highly unique material, the brand-new manufacturing facility is one of only ten of its kind manufacturing facilities existing worldwide. The facility features end-to-end solutions for polished and coated Beryllium optics, a key component across a broad spectrum of mission-critical applications.

Bouygues Energies & Services won the contract to design and build the multi-million-pound cleanroom manufacturing facility with a total GFA of 2777m<sup>2</sup>. The company solution encompasses construction, fit-out, electrical, and mechanical services, commissioning, and validation.

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## New Manchester-based partnership set to catalyse innovation and regional growth

CPI will contribute their lab-to-market expertise and act as a catalyst for delivering sustainability and healthcare innovations at The University of Manchester. This partnership will boost connections between Manchester and CPI's business, government, and investment community networks. This will enable researchers and entrepreneurs to develop, scale-up and commercialise deep tech and sustainable manufacturing solutions in sectors including advanced materials, biotechnology, energy and pharmaceutical manufacturing.

[Read More](#)



## PharmaKure has launched a study to identify blood-based biomarkers in patients with Alzheimer's Disease

The study will test levels of blood biomarkers for stratification of Alzheimer's disease patients, who already have been tested with other diagnostic methods, either brain imaging by PET or amyloid deposits in cerebrospinal fluid (CSF).

Certain blood biomarkers of amyloid- $\beta$  (Total, A $\beta$ 40 and

A $\beta$ 42), aggregated  $\alpha$ -synuclein, aggregated Tau (Total and pTAU (181), NFL and DJ-1 have been associated with Alzheimer's Disease pathology. This study is to evaluate the relationship of aggregated forms of all these biomarkers in patient blood compared to historical PET scan and CSF findings.

[Read More](#)



## **Join us at BOS Manchester on 16th & 17th November 2022**

BOS Manchester 2022 takes place on the 16th and 17th of November at Manchester Central. This event will showcase the UK Contract Development and Manufacturing sector and allows biotech and pharma sourcing professionals the opportunity to strengthen supply networks.

We cordially invite the Bionow community to join us for this exciting new event. Please contact [richard.collins@bio2business.com](mailto:richard.collins@bio2business.com) to discuss the options.

[Read More](#)



## **Incorporating Pharmacogenetics into Clinical Decision Support Systems**

Leading clinical, and regulatory experts will present their current experience of incorporating pgx alerts into clinical decision support systems. Industry will then have the opportunity to present their experience of developing clinical decision support systems.

All academics, clinicians, industry, regulators, patients welcome.

**The workshop will take place on 9th November 2022 at  
The Spine, Liverpool**

[Read More](#)



## Alderley Park Suppliers Fair

**\*\*\*Rescheduled for 3rd November\*\*\***

Bruntwood SciTech is excited to welcome a range of suppliers to the Park this Autumn to give the life science community the opportunity to connect directly with life science suppliers.

Enjoy connecting with well-known suppliers, presentations given by the exhibitors and a free lunch.

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### Information

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



### Sight-saving MedTech sleep mask could save the NHS multimillions

A pioneering treatment to prevent blindness in people suffering from diabetic retinopathy is set to benefit NHS patients for the first time, following the adoption of PolyPhotonix's Noctura 400 sleep mask by Ashford and St Peter's NHS Foundation Trust. Shown to improve patients' visual acuity, the mask could potentially save the health service millions of pounds a year.

[Read More](#)

## **Innovate UK : UK registered businesses and collaborative partners**

Innovate UK, part of UK Research and Innovation, will invest up to £5 million in innovation projects.

There are two funding competitions:

One aims to encourage the development and implementation of innovative digital and automated data collection technologies to increase the speed and resource efficiency of pharmaceutical process development and manufacturing productivity to more efficient large-scale manufacturing.

### **More info**

The other is to develop and commercialise innovative solutions for the manufacturing of nucleic acid medicines.

### **More info**

Registration Opens: 07/11/2022

Registration Closes: 21/12/2022 (11.00am)

Award sizes will be between £100k and £2m depending on the competition entered.

[Read More](#)

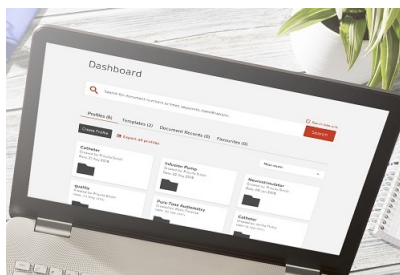


**Leveraging protein DNA/RNA interactions in drug discovery**



The field of protein DNA/RNA interactions is an expanding area of research. These interactions affect fundamental processes and as a result, relevant protein DNA/RNA processing complexes and their associated mechanisms provide interesting therapeutic targets to researchers. However, due to the complex and often delicate nature of these systems, traditionally researchers haven't had sufficient tools to address them.

[Read More](#)

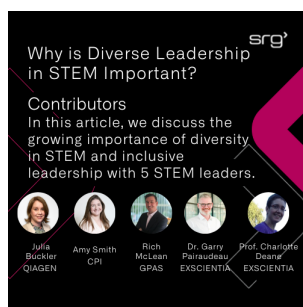


## Are your standards up to date?

When the standards you work with change, it is essential that you know about it. Researching the latest publications, however, can be laborious and time-consuming.

The good news is that you can set up automatic notifications for changes to standards with BSI's Compliance Navigator.

[Read More](#)



## Why is Diverse Leadership in STEM Important?

Year-on-year, more leaders are increasing their commitment to diversity, equity, and inclusion (DEI) initiatives. In 2022, 92% of CEOs built DEI into their strategic priorities and goals - but over a quarter of leaders believe that they're not doing enough.

In this article, Jacob Midwinter – Director of Sales and Search by SRG, discusses the key success factors behind driving diversity in leadership, as well as the challenges and opportunities leaders in STEM can expect to encounter along the way, with senior leaders Julia Buckler - QIAGEN, Dr. Amy Smith - CPI, Rich McLean - Global Pathogen Analysis

Service Ltd, Dr. Garry Pairaudeau - Exscientia, and Professor Charlotte Deane - Exscientia.

[Read More](#)



## **AI-led drug discovery: protein folding technology and more**

In fact, research science is still just scratching the surface of AI's potential in the field of drug discovery. For example, one the key barriers to drug development is the complexity of human cell structures. They contain proteins made up of strings of amino acids, which are folded into complex 3D structures. Some proteins act as 'receptors', whilst others are released from a cell to seek out and bind to another, causing a chemical reaction as they do so.

[Read More](#)



## **Trans-Atlantic Talent**

Last month, I returned to Indiana, spending time with the Indiana Health Forum and consolidating the relationship we've built with them, via the Scottish Lifesciences Association.

Why Indiana? Because we believe there are huge synergies between Indiana and Scotland when it comes to life sciences, and that we have the ability to help each other as this industry continues to grow and grow.

[Read More](#)



## **GenEthics: Considerations for biotech and healthcare**

For life sciences and healthcare firms, transforming knowledge into a competitive advantage is key. But any commercial application of knowledge gained from genetic testing cannot come at the expense of a careful consideration of the real world complexities of 'genEthics'. Genetic research deals quite literally with our humanity, so advances in genetic testing require detailed consideration of the social, political, economic, legal and philosophical implications.

[Read More](#)



## **Don't overlook solid foundations for your early-stage life sciences business**

It's easy for an early-stage life sciences business to focus on what it is good at (ie the science), but sometimes it's so successful that the right foundations for future growth may easily be overlooked.

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## **Horton International (UK) Rebrands as SCi Partners to Create a Boutique Life Science Search and Interim Partnership**

SCi Partners, formerly Horton International (UK) has left the Horton International group of companies and is delighted to announce the launch of SCi Partners, a specialist boutique life science executive search and interim management partnership.

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#### Hit Expander

A new method to rapidly assess and step through the hit-to-lead process with minimal expenditure on wet-chemistry

## **Hit Expander: A new method to rapidly assess and step through the hit-to-lead process with minimal expenditure on wet-chemistry**

You may have seen a recent paper by Yuan Hu and Ingo Mügge from Alkermes on 'In Silico Positional Analogue Scanning with Amber GPU-TI'. The idea behind positional analogue scanning (PAS) is relatively simple: you have a hit molecule, and you'd like to know what changes (and in what directions) are likely to lead to an increase in potency. Would adding something in the 3-position be a good idea? If so, what sort of functional group should we add? Traditionally this relied largely on the skill and judgement of expert chemists to decide which vectors looked good (both from a synthetic feasibility point of view and from any pre-existing knowledge of the SAR), and what changes to make (often following, either directly or in spirit the venerable Topliss Tree).

[Read More](#)



## **Sneak peek at Flare V6.1 for medicinal chemists, computational chemists and power users**

This sneak peek explores new features in the upcoming release of the Flare™ platform.

**[More info for medicinal chemists](#)**

**[More info for computational chemists and power users](#)**

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**[Click here for a full list of information](#)**

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



**Durham**  
University

**Keele**  
UNIVERSITY



**Newcastle**  
University



UNIVERSITY OF  
**LIVERPOOL**

**Lancaster**  
University





## Events

Upcoming Sector Events



### Incorporating Pharmacogenetics into Clinical Decision Support Systems



Wednesday 9th November 2022  
Royal College of Physicians, Liverpool

Leading clinical, and regulatory experts will present their current experience of incorporating pgx alerts into clinical decision support systems. Industry will then have the opportunity to present their experience of developing clinical decision support systems.

**REGISTER**



### The Insights & Technologies to Accelerate VMS Growth in 2023



### Webinar: EU GMP Annex 1 - the focal points



Wednesday 9th November 2022  
Online

Hosted by Dr Tim Sandle, this insightful webinar will consider the new EU GMP Annex 1, looking at the key messages and areas that need to be focused on to deliver product and patient safety.

We'll delve into the vital aspects that all manufacturers need to consider to remain compliant, including quality risk management, contamination strategy, cleanroom certification and water systems.

**REGISTER**



### Accessing the UK's largest NHS Trust: Innovation in Diagnostics





Wednesday 9th November 2022

Online

Join experts from SPINS and Catalent's Consumer Health business to learn how consumers are thinking about their purchasing priorities, their health in the post-pandemic time, the delivery technologies they are prioritizing, and how this collection of insights can come together to drive innovation and accelerated growth for your VMS brand.

**REGISTER**



### Data-driven developments for pandemic preparedness



Thursday 10th November 2022

Sci-Tech Daresbury Campus

The BIA will be looking at data-driven developments for future pandemic preparedness, with a particular focus on antimicrobial resistance. During a series of short presentations and a panel discussion, we will hear from a number of organisations operating at the bleeding edge of AMR research, from monitoring and identifying new threats, through translating research to the clinic, and scaling up the production of treatments on the scale needed to prevent future



Thursday 10th November 2022

Citylabs 1.0, Manchester

Join senior leaders from the UK's largest NHS trust - Manchester University NHS Foundation Trust - and Bruntwood SciTech at Citylabs 1.0 for a discussion and insight as to how to gain direct access to this trust to work in collaboration, and for those working in clinical care how the commercial partnership can benefit their strategic and research goals.

**REGISTER**



### Streamlining CADD and med chem communications



Thursday 17th November 2022

Online

In this 45-minute webinar, learn how to use Torx® Design and Flare™ together, so that you can move molecules seamlessly between the two platforms and empower medicinal and computational chemists to:

- Work together more closely to streamline in silico design and brainstorm new ideas
- Provide real-time insight and feedback on new designs

pandemics.

**This event is free to attend for BIA members or otherwise £30+VAT for non-members.**

**REGISTER**



## **Minimizing Bottlenecks in Pharmaceutical Development, Manufacturing and Distribution**

**Catalent**

**Tuesday 22nd November 2022**

**Online**

In this webinar, experts will review the definition of integrated solutions in the pharmaceutical industry, discuss the benefit and challenges of these integrated approaches and provide insights on whether integrated solutions can be the key to achieving development milestones.

**REGISTER**



## **Connect in Pharma's Future Makers Webinar**



**23rd - 24th November 2022**

**Online**

- Generate high value predictions from computational workflows and share these easily with the wider team
- Flag promising compounds to steer the direction of review meetings

**REGISTER**



## **SurgTech 2022 - Digital, Smart, Sustainable**

**NIHR** | Surgical MedTech Co-operative  
**SurgTech 2022**  
Digital, Smart, Sustainable  
Wednesday 23 November, Royal Armouries Museum, Leeds



**Wednesday 23rd November 2022**

**Royal Armouries Museum, Leeds**

The Surgical MIC is part of the National Institute for Health Research (NIHR) and exists to accelerate the development of novel medical devices and healthcare technologies for colorectal, hepatopancreaticobiliary (HPB), vascular and neurosurgery. SurgTech 2022 is an opportunity for delegates to network and create new multidisciplinary collaborations and secondly to stimulate development of innovative ideas to address challenges in surgery.

**REGISTER**



## **Integrating advanced formulation expertise with on-demand Phase 1 clinical manufacturing and adaptive clinical testing**

**Catalent**

Our founding partners will come together to bring you a webinar where your knowledge can become deepened, and your insights clarified through inspirational talks. With varied discussions from key players of the industry, allow yourself to discover topics from holistic packaging solutions to digitalization within production. We invite you to two days filled with opportunities to uncover an industry that is consistently evolving and improving. Throughout the event, Connect in Pharma hopes to bring insight into the future of pharma.

**REGISTER**



## Disruptors 22



**Thursday 24th November 2022**

**Nexus, Leeds**

Join experienced entrepreneurs, investors, innovators and advisers in Leeds and be inspired and better informed to re-write your own answer to "what's next?" for your business. Secure your FREE place now and join the Disruptors at Nexus, Leeds city centre on 24 November.

**REGISTER**



## Genesis 2022

**Thursday 24th November 2022**

**Online**

In this webinar, experts will discuss a unique approach that integrates advanced formulation expertise with on-demand Phase 1 clinical manufacturing, adaptive clinical testing, statistical and regulatory support to help achieve flexible and efficient First-in-Human studies and fast development for challenging molecules.

**REGISTER**



## Illuminate North East



**Monday 28th November 2022**

**The Waiting Rooms, Newcastle Upon Tyne & Online**

Welcome to Illuminate North East - a hybrid networking event, designed to shine a light on the thriving life sciences community based in and around the North East of England! This event will focus on bringing together local life sciences organizations, creating a platform for attendees to meet industry peers, exchange ideas and collaborate.

**REGISTER**



5th - 8th December 2022

1 Wimpole Street, London

The annual Genesis conference has been a pillar of the Life Science sector for over two decades. Bringing together key opinion leaders, investors and innovators from across the sector to share insight, debate key trends and generate deals.

**Bionow Members can access 10% discount** on the standard delegate rate!

Please contact  
[mollie.nolan@bionow.co.uk](mailto:mollie.nolan@bionow.co.uk) for your  
unique discount code.

**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](http://www.bionow.co.uk) | [info@bionow.co.uk](mailto:info@bionow.co.uk)

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