



Operating in 54 locations across the globe, Chubb is the world's largest publicly traded property and casualty insurance company, serving consumers and companies of all sizes with traditional and specialty insurance products and industry-leading claims and risk engineering services.

Chubb Life Science insurance offering includes bespoke unique packages, combined liability and mono-line products.

**Chubb offers Bionow Members the following additional extensions at no extra charge:**

- Change in Controlled Environments: Perishable Property - £100,000; All Other Property - £500,000
- Contamination/Radioactive Contamination - £100,000
- Condemnation of Undamaged Stock - £250,000
- Machinery Breakdown - £100,000

[Read More](#)



**Meet the Member: Byotrol plc**

Byotrol's expert team maximises customer and consumer insights to identify, develop, formulate and commercialise cutting edge antimicrobial technologies delivered in direct sales to industry and in long-term licensing partnerships across consumer and professional markets.

For more information about Byotrol products and services please visit their website.

[Read More](#)



**Bionow Event Survey**

**Got a spare minute?**

Please take some time out to fill in our quick survey which will help us gain a better understanding of what's important to you when it comes to our events. This will also help us focus on your needs and ultimately make our future events more tailored to you!

[Fill it out here](#)

[Read More](#)



## **QIAGEN Lunch and Learn Helix Rooms at Alderley Park Conference Centre**

**Thursday 2nd February 2023**

**Join Bionow Sponsor QIAGEN specialists for a Lunch  
& Learn showcasing QIAGEN's latest innovations!**

While we provide lunch our specialists will discuss how QIAGEN can support your research in areas of Cell & Gene Therapy, Biomarker Discovery and Cancer Therapy.

Topics will include:

- QIAGEN automation solutions for nucleic acid extraction
- QIAcuity digital PCR and applications including rAAV
- Biomarker and functional genomics
- NGS including QIAseq, RNA-seq and multimodal panels
- QIAGEN Genomic Services
- OEM with QIAGEN

[Read More](#)



*bionow.*

## **Biotech & Beers Secret Cinema Room, Town Wall, Newcastle**

**Thursday 2nd February 2023**

Join Bionow 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. There is no need to register but if you would like to please do so below so we know who to expect.

**We look forward to catching up with you from 5.30pm  
onwards in the downstairs bar!**

[Read More](#)

## **Business Pitching Event Sci-Tech Daresbury**

**Tuesday 28th February 2023**

Bionow, Sci-Tech Daresbury and STFC will be co-hosting a business pitching and networking opportunities 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 give companies a unique chance to hear about the latest technologies and innovations available from some of the leading companies in the North.

**Registration is at 9am with welcome and business pitches at 10am and an opportunity to network to follow. The event closes at 11am.**

[Read More](#)



**bionow**  
Pitching  
Pizza &

## **Pitching & Pizza @ Nexus Nexus, Leeds**

**Wednesday 8th March 2023**

Bionow and Nexus 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.

**The event will start with registration at 4pm with pitching (each pitch to last 90 seconds max) from 4.20pm. Pizza and refreshments will be available from 5pm.**

In collaboration with:

**NEXUS**  
UNIVERSITY OF LEEDS



[Read More](#)



## **Bionow Life Sciences Careers Fair Online**

**Tuesday 14th March 2023**

**Which career path will you choose?**

Back by popular demand the Bionow Online Careers Fair returns in Spring 2023 and is designed to help inform university under-graduates, graduates and post-graduates about the vast array of career paths available in Life Sciences.

With opportunities across the Biomedical and Pharmaceutical sectors and beyond, with companies large and small, spin-outs and start-ups, which path will you take?

This event is free to attend for all students of universities that are Bionow members and sponsors as we bring companies from different sections of the Bionow community together to highlight the opportunities and career paths available in the sector. This is an opportunity for students to come to as much or as little of the event as they wish, sampling a vast array of career paths this sector offers.

**The event will be on Zoom and will run from 9.30am to 4.20pm.**

[Read More](#)



## **2022 Bionow Annual Awards Dinner Concorde Conference Centre**

**Thursday 16th March 2023**

Don't miss out on attending - invite your colleagues and clients for an unforgettable evening dining beneath the iconic Concorde, which takes pride of place in the super hangar. Let's mark this celebration in style, pop open the champagne and take our hats off to all dedicated companies and individuals.

The prestigious Bionow Awards Dinner is a highlight of the life sciences calendar and celebrates the achievements of the life science sector, this black-tie event showcases the very best of this world-class sector.

**The evening will start at 18.30 with a drinks reception followed by dinner at 19.30, the awards ceremony and networking.**

[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



## Get future-ready with Newcastle University's Higher and Degree Apprenticeships

**Friday 10th February 2023**

You are warmly invited to join Newcastle University's Employers' Business Breakfast to discover how upskilling your employees through Higher and Degree Apprenticeship programmes offered at Newcastle University can enhance leadership and digital skills in your organisation.

Learn about the apprenticeship programmes offered which include our Level 7 MSc Digital Technology Solutions with specialisms in Data Analytics, Cyber Security and Software Engineering, and leadership and management programmes.

Hear from employers including Newcastle Building Society, Northumbrian Water Group, RWE Renewables

Management and Nebula Labs about the impact the programmes have had on their staff and businesses.

[Read More](#)



## **Ground-breaking cancer research at the University of Huddersfield leading to EPSRC award**

Finding effective treatments for cancer is tremendously difficult. Current conventional and targeted chemotherapy drugs present their own challenges as their poor selectivity, the rapid emergence of drug resistance and limited utility meaning that not all patients will receive benefit from the treatment.

However research looking into the selectivity of compounds at the University of Huddersfield has been published in the respected journal, Nature Communications and demonstrated excellent results with the potential to make cancer treatment more effective, accessible and active against cancers that are resistant to current chemotherapies.

[Read More](#)



## **Alcyomics® to transform drug discovery for osteoarthritis treatment with unique in vitro bio-printed 3D tissue model**

Alcyomics has developed a unique in vitro model of the human osteoarthritic joint as a participant of the CRACK IT Innovation programme from the UK's National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs) in a project sponsored by GlaxoSmithKline and co-funded by Arthritis Research UK and EPSRC. Alcyomics's model incorporates human bone, cartilage, and nerve lineages to mimic the human joint including pain sensitisation. Successful bioprinting of the model allows for consistent, high-throughput manufacture of the models to assist in large screening assays. Having successfully completed the development phase, Alcyomics has been awarded an NC3Rs Business Growth Scheme (BGS) project to commercialise its unique OA model as a wider offering to the pharmaceutical development market.

[Read More](#)



## **Aptamer Group signs two substantial new contracts**

Aptamer Group plc has announced the recent signing of two new fee-for-service contracts initially worth over £500,000, subject to the successful progression of Optimer development, with the potential for downstream milestone and royalty/licensing payments. These latest contracts are in addition to £1.0m of recognised revenue in H1, as well as the additional £1.0m in signed orders, announced in Aptamer's recent trading update.

[Read More](#)



## **University of Sunderland announces new research institute following £5m donation**

The largest ever individual donation to the University of Sunderland from a former student and pharmaceutical entrepreneur aims to help improve the lives of millions of people around the world.

The University has announced the creation of the John Dawson Drug Discovery and Development Research Institute on its City campus in Sunderland.

[Read More](#)

University of Exeter and Cresset Discovery collaborate to accelerate discovery of novel antimicrobial drugs



## **University of Exeter enters virtual screening collaboration with Cresset Discovery to accelerate discovery of novel antimicrobial drugs**

Cresset Discovery, provider of molecular modeling expertise for drug discovery, is collaborating with the University of Exeter to find new antimicrobial drugs. Cresset Discovery will deploy its expertise in virtual screening to identify promising new candidates, building on research led by Dr Stefano Pagliara.

[Read More](#)



## Industry-first cancer screening technology boosted by biomedical grant funding

Medicines Discovery Catapult (MDC) and SMi have secured a Biomedical Catalyst (BMC) grant to validate a new approach to detect cancer biomarkers. It will transform their use for routine cancer screening and enable monitoring of treatment efficacy in real time.

[Read More](#)



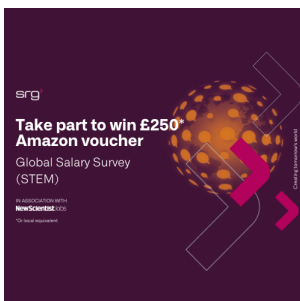
## Immundnz to organise a symposium on in vitro and in silico models in immuno-oncology

**Tuesday 21st February 2023**

Immuno-oncology is still one of the hot topics in cancer research. The development of cancer immunotherapies requires appropriate and innovative preclinical models and technologies. New cellular models such as CAR-T, phagocytes, cytotoxic cells and dendritic cells are immunomodulatory targets in cutting edge cancer research as well as cell signalling checkpoints. Immundnz will organise a free-to-attend 1-day symposium at the Alderley Park that will cover innovative approaches to preclinical translational models and target areas in immuno-oncology. Speakers from several UK and Dutch research institutes and companies will present their latest insights.

**Free to attend, including networking lunch**

[Read More](#)



## Have you taken part in the SRG Global Salary Survey (STEM)?

The questionnaire takes 5 minutes to complete and, as a thank you, **all respondents who complete the survey will be entered into a prize draw to win a £250 Amazon voucher** (or local equivalent). The information you provide will only be used in aggregate and your views will be completely confidential in accordance with the UK Market Research Society's Code of Conduct.

We'll use the anonymous data collected to create a global salary report with up-to-date insights for the UK scientific marketplace, so keep your eyes peeled for its release later this year.

[Read More](#)



## **North East Innovation Lab celebrates two year anniversary supporting the development of cutting-edge diagnostics**

The North East Innovation Lab is celebrating a two-year milestone birthday and has expanded its work in accelerating the development of diagnostics for a range of virus and health threats.

Based at The Biosphere in Newcastle Helix, the facility is part of Newcastle Hospitals and plays a key role in bringing new approaches and diagnostics to mainstream use.

[Read More](#)



## **A cure for resistance? How ultra-long patent terms may entice pharma to address the antimicrobial resistance crisis**

Antimicrobial resistance (AMR) is a rapidly emerging crisis, and it is already estimated that antibiotic resistance alone caused 1.27 million deaths and contributed to 4.95 million deaths in 2019 (more deaths than HIV/AIDS or malaria) [1]. This is only set to increase as our use of existing antimicrobials accelerates in response to population, environmental, and healthcare pressures.

And it is not just antibiotic resistance to common bacterial pathogens that poses the greatest challenge, although this is undoubtedly huge. Resistance emerging in viruses, parasites, and fungi are threatening global progress towards eradicating major complex diseases such as HIV/AIDS and malaria.

[Read More](#)

## **19th Anglonordic Life Science Conference 2023**

**Thursday 20th April 2023**

The event to discover, collaborate, and invest in the success of UK and Nordic life sciences.

The Annual Anglonordic Life Science Conference is back for 2023. Join us for the 19th edition of this must-attend conference. You will have opportunities to:

- MEET decision makers at leading and upcoming drug discovery and technology companies from the UK and Nordic regions, and investment firms throughout Europe.
- LEARN from major investment firms about the current status of European investment in life science technologies.
- GAIN insights from experienced life science operators within the Anglo-Nordic space.

[Read More](#)



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

**11th January - 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](#)



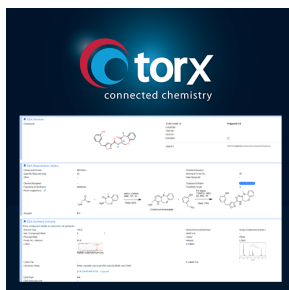
**[Click here for the latest Member News](#)**

**[View News](#)**



## Information

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



### **A day in the life of a chemist: Revolutionize progress meetings and reporting**

There comes a point where the time spent on preparing reports or sat in meetings overwhelms the time that should be spent in the lab, and risks negatively impacting productivity. Read on to learn how Torx® replaces static reporting with real-time, dynamic information sharing throughout the drug discovery cycle, enabling you to focus your time on the chemistry.

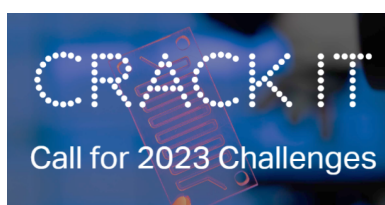
[Read More](#)



### **Advanced Research and Invention Agency (ARIA)**

Science Minister George Freeman has announced the formal establishment of the Advanced Research and Invention Agency (ARIA) as an independent body, beginning its work to create transformational research programmes with the potential to create new technological capabilities for the benefit of humanity.

[Read More](#)



**Sponsor a Challenge**



The NC3Rs is now inviting submissions from organisations that would like to sponsor new CRACK IT Challenges for the 2023 competition. Please note that we will only be accepting submissions for Single Phase CRACK IT Challenge ideas for 2023.

Please read the guidance in the link below for further information on how to submit your idea or contact the CRACK IT team at [crackitenquiries@nc3rs.org.uk](mailto:crackitenquiries@nc3rs.org.uk).

**Closing date: Wednesday 8th March 2023**

[Read More](#)

## Innovate UK

### **Funding Competition: Biomedical Catalyst 2023 Round 1: Industry-led R&D**

Innovate UK, part of UK Research and Innovation, will invest up to £25 million in innovation projects. These will be to support UK registered businesses develop innovative solutions to address significant health or healthcare challenges.

The aim of this industry-led R&D competition is to support the development of innovative solutions to health and healthcare challenges.

**Closing date: 11am on Wednesday 1st March 2023**

[Read More](#)



### **Let's work together to build a more sustainable future**

#### **Why is environment protection so important?**

The need to work harder towards building a cleaner and greener environment has never been greater.

We are facing some of the biggest environmental challenges of our times, these include climate change, global warming and air pollution, all of which pose a major threat to human wellbeing and the health of the planet. According to EDF, "Tens of thousands of

scientists in more than a hundred nations have amassed an overwhelming amount of evidence pointing to a clear conclusion: Humans are the main cause of climate change.”

[Read More](#)



## Introducing North England Laboratory Supplies

We have been supplying the North East with consumables, lab equipment, chemicals and PPE for over 35 years now. More recently, we have expanded our area to the North West and Yorkshire and now can offer lab furniture, fume hoods, extraction systems and servicing and maintenance services too.

We can supply your laboratory itself and everything in it bar the staff!

[Read More](#)

Combined *In Silico* and *In Vitro*  
Evidence Supporting an Aurora  
A Kinase Inhibitory Role of the  
Anti-Viral Drug Rilpivirine and  
an Anti-Proliferative Influence  
on Cancer Cells



## Combined in-silico and in-vitro evidence supporting an Aurora A kinase inhibitory role of the anti-viral drug Rilpivirine and an anti-proliferative influence on cancer cells

Computational chemistry offers a fast and innovative approach to drug discovery and is especially powerful when used in combination with biological testing to provide a complete and reliable picture of a target system. This is perhaps no better illustrated than in Cresset Discovery's project with University of South Australia, which identified a non-cancer therapeutic as displaying anti-proliferative actions in cancer cell lines and we're pleased to say that the outcome of this work has recently been published in *Pharmaceuticals*.

[Read More](#)

**Innovate UK**

## **Funding Competition: Innovative technologies for intracellular drug delivery**

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

These will be to develop innovative solutions for product formulation for intracellular drug delivery.

The aim of this competition is to stimulate the development and manufacturing of a range of innovative formulations. This will improve the efficiency and results of DNA and RNA based medicines, reducing the dose, associated manufacturing raw material and energy consumption.

**Closing date: 11am on Wednesday 22nd February 2023**

[Read More](#)



## **The role of digital transformation in the future of UK healthcare**

Digital innovations will be essential to solving the most pressing health challenges of our generation.

And, positively, healthcare organisations are adopting scientific advancements. Digital therapeutics, epigenetics, AI and other forms of technology are being incorporated into the diagnosis process and care delivery. Harnessing new technologies will enable faster, more tailored diagnostics and more bespoke patient care pathways.

[Read More](#)



## **Explore an HR partnership with Jackson Hogg**

**How could a Jackson Hogg HR Partnership Benefit your Business?**

Jackson Hogg started in 2012 as a specialist engineering recruitment consultancy. In the

10 years since then, Jackson Hogg has been supporting clients in the Science, Technology, Engineering and Manufacturing sectors in the Northeast and beyond.

Our values-centric, methodical approach has been key to getting to where we are today. We have grown from a niche technical recruitment agency to delivering assignments across all professional disciplines from entry to board-level.

[Read More](#)



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

All the latest from the life science sector

[View Information](#)



## 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



## Biotech Innovation For a Sustainable Future



Thursday 2nd February 2023  
Bright Building, Manchester

Join Innovation Forum Manchester at an in-person event to discuss how harnessing the power of biotech can help with creating a more sustainable world.

You will hear from Bright Biotech, Imperagen, and Holiferm, three start-up companies that have chosen



## National Apprenticeship Week 2023 - ATAC Roadshow



7th - 9th February 2023  
Various Locations

National Apprenticeship Week 2023 aims to shine a light on the amazing work being done by employers and apprentices across the country, whilst showcasing and encouraging everyone to consider how apprenticeships can help both with new talent and to upskill the existing workforce to develop #skillsforlife. To join in the national and cross-sectoral

sustainability in the biotech industry to be at the heart of their mission.

**REGISTER**



## Innovation in Industry – Shaping the Chemical & Pharmaceutical Industries



7th - 20th February 2023

3M Buckley Innovation Centre, Firth  
Street, Huddersfield

The event is designed to update businesses within the chemical and pharmaceutical sectors on new developments driving the future of the industries. It will consist of talks from Sue Cooke, CEO of the 3M Buckley Innovation Centre, Dr Hamid Merchant, Subject Leader in Pharmacy and Prof Laura Waters, Professor of Pharmaceutical Analysis, both from the University of Huddersfield. Businesses from the chemical and pharmaceutical industries based at the 3M BIC will also be taking part in the Q&A panel, alongside key speakers.

**REGISTER**



## Recruiting talent from Durham University

celebrations, the double award-winning Advanced Therapies Apprenticeship Community (ATAC) is hosting three regional events for potential and existing ATAC apprentices and employers.

**REGISTER**



## Employers' Business Breakfast: Get future-ready with Newcastle University's Higher and Degree Apprenticeships



Friday 10th February 2023  
The Catalyst, Newcastle Helix

Find out how organisations can benefit from apprenticeships and access government-funding towards the costs. Learn about the apprenticeship programmes offered and hear from employers including Newcastle Building Society, Northumbrian Water Group, RWE Renewables Management and Nebula Labs, about the impact the programmes have had on their staff and businesses.

**REGISTER**



## Tees Valley Life Sciences Sector Skills Meetup



**Thursday 16th February 2023**  
**Orbit, NETPark, Sedgefield**

Come along and talk to the Durham University Careers Team and find out more about the opportunities to recruit our graduates and students. During this event, we will also launch the newly established SME Information Hub, an online hub that provides advice and guidance about recruiting students. This hub is part of our drive to diversify and strengthen our service offerings for small to medium sized businesses.

**READ MORE**



## **Illuminate Dundee**



**Wednesday 1st March 2023**  
**Online and in-person at The Street,**  
**School of Life Sciences, University of**  
**Dundee**

Welcome to Illuminate Dundee - an event designed to shine a light on the thriving life sciences community based in and around Dundee. This event will focus on bringing together local life sciences organizations, creating a platform for attendees to meet industry peers, exchange ideas and collaborate. The



**Thursday 23rd February 2023**  
**CPED, Room D4.09, Teesside**  
**University Darlington Campus,**  
**Darlington**

Are skills shortages stopping your business from reaching its full potential? Join Tees Valley Business's Skills for Growth team and Teesside University for a FREE sector skills meetup for the Tees Valley and get the latest skills insights to help you futureproof and grow your business.

You'll hear from leading industry voices from the likes of Bionow, FUJIFILM Diosynth Biotechnologies, National Horizon Centre and Northern Life Sciences in a panel discussion on how businesses can tackle their skills gaps and labour market challenges to prepare themselves for the future.

**REGISTER**



## **Diagnostics North East Conference 2023**



**Friday 17th March 2023**  
**The Catalyst, Newcastle Helix**

Diagnostics North East (DxNE) are excited to announce our 2023

event will begin with a 'Lunch and Learn' session including: speaker presentations, a panel discussion with local life sciences professionals and networking opportunities. This will be followed by an in-person networking event at The Street in the School of Life Sciences, the University of Dundee.

[Online registration](#)

[In-person registration](#)

[MORE INFO](#)



conference! Join us in-person on 17 March for a showcase of our regions incredible diagnostics infrastructure, expertise, and resources, which provide unrivalled opportunities for researchers, clinicians, and industry. The conference will also introduce “Therapeutics North East” – a developing regional hub, working as a cohesive structure with DxNE.

[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)

[Don't want to receive these newsletters anymore?](#)

[update subscription preferences](#) | [unsubscribe from this list](#)