

Bionow Newsletter



Bionow News & Events

The latest Bionow News and upcoming Events



Bionow is Delighted to Welcome Eight New Members

We look forward to working with:

**NETPark, Centauri Therapeutics, PMT (GB) Ltd,
 Naturiol Ltd, Easy Fairs, Redx Pharma,
 Praetura Ventures and Track Real Estate**

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: Impact Data Metrics



Impact Data Metrics (IDM) is Bionow's Partner for UK Life Science Sector Business Intelligence.

Created by Impact Data Metrics, IDM Life Sciences provides the first accurate and current view of business activity in the sector. It is designed to overcome limitations that have long made it difficult to get a true picture of the sector, with even UK Government reports containing inaccurate, incomplete and out-of-date information.

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Meet the Member: CRSI

CRSI was founded on the view that having the right structure, people and development processes in place will improve company performance and accelerate growth. We work exclusively with investor-backed start-ups and university spin-outs to provide the full range of tools, advice and services needed to implement the right people strategy and scale a business.

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2021 Bionow Awards Nominees Announced

We are excited to announce that the entries for the 2021 Bionow Awards have been reviewed and the nominees have been finalised.

With over 80 applications, the competition was tough and the standard extremely high so we would like to thank everyone who entered for producing such a high-calibre shortlist!

PLUS don't forget to [book your seat](#) for the Awards Dinner on 31st March!

Sponsors:

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SciTech

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Bionow announce Mitigo as their recommended cyber risk management partner

Bionow and Mitigo have announced their new strategic partnership, with Mitigo providing life science businesses with a trusted cyber risk management solution to help to keep them safe from cyberattacks and business disruption.

Mitigo is also offering Bionow members **a free online cybersecurity assessment** to help you understand the areas of your business that are most vulnerable to attack.

[Get your free assessment](#)

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2022 BioInfect Conference Alderley Park Conference Centre

Wednesday 9th March 2022

The global COVID-19 pandemic has highlighted the importance of infectious disease control and antimicrobial resistance is one of the biggest public health challenges of our time. With the WHO declaring AMR one of the top 10 global public health threats facing humanity, it is imperative that we tackle this serious threat now.

BioInfect will look at the critical issues relating to the challenges of new anti-infective development, the endemic problem of resistance, and the considerations for creating a truly global and effective response to antimicrobial resistance.

Sponsors:



ALDERLEY PARK
53° 16' 46" N 002° 14' 12" W

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Bionow Life Sciences Careers Fair Online Event

Tuesday 15th March 2022

Which career path will you choose?

Back by popular demand the Bionow Online Careers Fair returns in Spring 2022 and is designed to help inform university under-graduates, graduates and post-graduates about the vast array of career paths available in Life Sciences.

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Yorkshire Bio-Partnering University of Bradford

Wednesday 13th April 2022

A University of Bradford (FoLS) sponsored one-day partnering event between academia and industry working in the Yorkshire region (but not exclusively) and with a focus on "Healthcare Innovation and Bioscience".

The aim of the event is to bring together academic

researchers and industry representatives with a theme of collaboration to enhance research and innovation in healthcare and biosciences.

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The Research and Innovation Health Accelerator

SMEs are invited to collaborate with Greater Manchester’s research and innovation institutions to accelerate development and improve commercialisation of innovative healthcare products and services within life sciences. SMEs will be able to access expertise and support including information about navigating the health and care system, developing value propositions, ethics & regulatory advice and access to university-wide expertise.

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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 News



Charles River’s expansion to Alderley Park set to bolster UK cell and gene therapy manufacturing capability

Charles River, a leading global, end-to-end cell and gene therapy solution provider, is expanding into Bruntwood SciTech’s Alderley Park, in Cheshire.

The move will enable the cell and gene therapy

development and manufacturing business to increase its High Quality (HQ) plasmid DNA capacity four-fold to meet the growing global demand for cell and gene therapeutic developers from discovery to commercialisation. HQ plasmid, a critical starting material for immuno-oncology and CRISPR based therapies, adopts critical features of CGMP manufacturing, with a rapid six-week turnaround.

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CellulaREvolution raises £1.75m to accelerate the launch of their Continuous Cell Culture Technology

Biotech technology disrupter CellulaREvolution, which aims to revolutionise the way cells are grown, has raised £1.75 million from a group of notable investors in a round led by Happiness Capital also includes Allusion One, the first investment arm of Allusion. The investment will be used to accelerate research & development and strengthen their commercial team as they prepare to take their bioreactor technologies to market.

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£7 million funding to support HealthTech SMEs with regulatory processes

Together with ABHI, CPI is excited to announce the Health Technology Regulatory and Innovation Programme, a joint initiative funded by Innovate UK that supports small- and medium-sized health technology companies to navigate the complex HealthTech regulatory processes.

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Centauri Therapeutics closes £24 million GBP Series A investment round

Centauri Therapeutics Limited (Centauri), an immunotherapy company founded by Animatrix Founders LLP and focused on the treatment of infectious diseases,

today announced the close of its £24 million GBP (c. 32 million USD) Series A investment round. The funds will support the continued advancement of the Company's antimicrobial resistance (AMR) research and development, using the Alphamer® platform to identify and progress novel antibacterial candidates through first-in-human trials, for difficult-to-treat infections.

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Onyx Health tackles type 2 diabetes with Diabetes Lifestyle Doctors

Healthcare marketing communications specialists Onyx Health have joined forces with County Durham-based diabetes lifestyle experts Diabetes Lifestyle Doctors to help people affected by type 2 diabetes across the UK and ease pressure on the NHS.

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Fast-track commercialisation for health, personal care and food and drink SMEs

CPI are delivering a new European Regional Development Fund project to help SMEs across the North East Region to accelerate product commercialisation.

The project entitled 'PROSPECT', assists SMEs who are manufacturing products within the health/personal care and food and drink sector amongst others. Using CPI's expertise and extensive facilities within formulation chemistry, businesses can enhance product performance and improve manufacturing processability properties.

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Entries open for North West Coast Research and Innovation Awards 2022

An opportunity to recognise the people, organisations and participants who helped deliver research and innovation in

healthcare during the recent pandemic has been launched.

Closing date: 18th March 2022

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Sheffield gene therapy centre to create 35 jobs

The Gene Therapy Innovation & Manufacturing Centre (GTIMC) has received £1.5m grant funding from the South Yorkshire Renewal Fund towards its facilities being built at a total cost of £14.2m. The GTIMC is expected to create 35 high value jobs.

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University Professor to lead £2.5m project to improve kidney health in people living with heart failure

Professor Sir Munir Pirmohamed is leading work to develop technology to predict how often each person with heart failure needs a kidney blood test. The project will be delivered by researchers from the University of Liverpool, Liverpool University Hospitals NHS Foundation Trust, University of Manchester, Bangor University, Liverpool Heart and Chest Hospital and the Clinical Practice Research Datalink provided by the Medicines and Healthcare products Regulatory Agency, together with a Patient and Public Involvement team of people living with heart failure.

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Hunt for new IP for the next generation of novel agrochemicals

Cresset Discovery, provider of contract consulting for early phase discovery, has been appointed by Globachem, who specialize in developing and marketing high quality crop protection products, to upskill their in-house team and

assist them in developing the next generation of novel agrochemicals.

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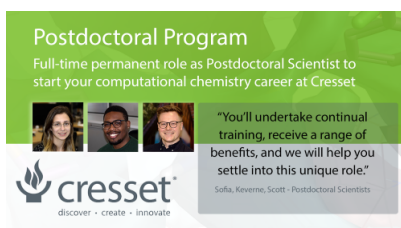


Information

Find out whats happening in the life science sector



Postdoctoral Program offers scientists unique opportunity to start their computational chemistry career



Cresset, innovative provider of software and contract research solutions for small molecule drug discovery and design, launches recruitment campaign for Postdoctoral Scientists.

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UK to Pilot Algorithmic Impact Assessment (AIA) for Medical AI



The UK Government has announced the pilot of an impact assessment tool to support the ethical development and adoption of artificial intelligence (AI) within healthcare. The Ada Lovelace Institute developed the tool, called an Algorithmic Impact Assessment (AIA), for the NHS AI Lab. This is the latest, national-level move to address bias within AI and

medical devices. In 2021 the UK Government launched an independent review of the health impact of potential bias in medical devices - including AI and other software for medical purposes. The results are expected in early 2022.

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LJMU Discovery Internships and Graduate Futures Internships



Expressions of interest are now open for start dates in **Summer 2022** on an in-situ (based physically at the company address), virtual (home-based), or blended (a mix of in-situ and home-based working pattern) basis. Places are limited therefore expressions of interest are based on a first come basis and the project offered. Businesses and organisations that have participated in our internships programme before are welcome to reapply although we are especially keen to support partners who are yet to benefit.

Please note: the expression of interest form will close at midday on Friday 4th March 2022.

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Air Products is the only UK industrial gas supplier to offer liquid nitrogen compliant to the new Medical Device Regulation

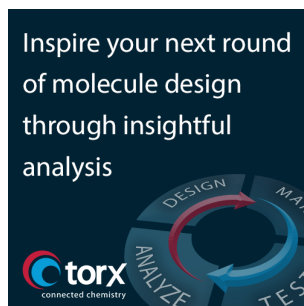


Air Products is the only UK industrial gas supplier to offer liquid nitrogen compliant to the new Medical Device Regulation

Air Products is proud to announce that it has been awarded Medical Device Regulation (MDR) EC Mark certificate for Medical Device liquid nitrogen for the UK.

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Inspire your next round of molecule design through insightful analysis



The analysis of new assay data is integral to making the right design decisions in the Design-Make-Test-Analyze (DMTA) cycle. Combining this analysis with computational predictions and the growing library of scientific literature, enables medicinal and computational chemists to get the best possible design in every cycle. However, the challenge is ensuring that the key information is readily accessible to drug discovery scientists at the moment of inspiration or decision.

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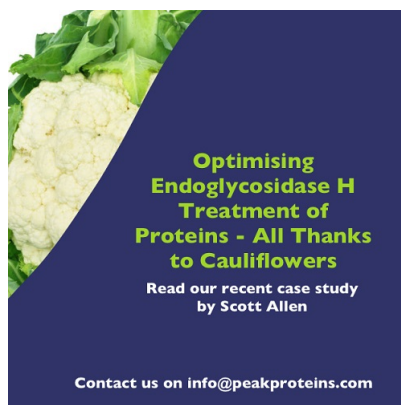
Is your life sciences company IPO ready?



Setting the stage months, or even years, ahead of an initial public offering (IPO) is essential for life sciences companies.

At the Biocap Conference 2021, chaired by RSM, panellists from listed biotech and life sciences companies shared what they learned from going public.

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Optimising Endoglycosidase H Treatment of Proteins – All Thanks to Cauliflowers!

In a previous case study, Peak Proteins have described the benefits of using the HEK293 suspension cell system in combination with the mannosidase inhibitor, kifunensine, and endoglycosidase H (EndoH) treatment to successfully crystallise complex proteins by removing bulky, N-linked oligosaccharides. Increasingly, we are relying on this approach to facilitate crystallography with more projects requiring secreted, correctly folded proteins. Although successful in the majority of cases, we recently hit a brick wall with this exact method and needed to develop a new route to tackle this problem.

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IIP Bacteria Modification Project

Lucy Butler at Hart Biologicals is working on an Intensive Industrial Innovation Programme (IIP) case study project to modify bacteria to produce a compound used in blood testing for disease diagnostics and to also help blood to clot.

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IMed launches Free Weekly Regulatory Surgeries!

Medical Device and IVD manufacturers or distributors are now able to book a 30-minute appointment with IMed and receive guidance on their regulatory queries from one of IMed's Quality, Regulatory or Clinical Writing experts – absolutely free!

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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)

Kimberley Warren (North East)



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Job Opportunities

Corporate Patron and Sponsors



Events

Upcoming Sector Events



**Designs beyond similarity:
Using the active site to
generate new designs for your
project**



Women in Biotech



Date: Tuesday 1st March

Date: Tuesday 1st March**Digital Event**

Cresset will demonstrate how the docking method in Spark™ can be used to find fragments which target interactions in the active site.

You will learn how Spark is used to add R-groups to an existing ligand in a structure-based design workflow. This enables you to explore the SAR beyond ligand similarity to generate new designs for your project.

REGISTER

How to solve technical and regulatory challenges of temperature-controlled cell and gene therapy distribution

AmerisourceBergen

World Courier

Date: Wednesday 2nd March**Digital Event**

In this webinar we take a look at the regulatory framework and the role of the European Qualified Person in cell and gene therapy manufacturing and distribution.

REGISTER

Coordinate chemistry and compound testing in small molecule discovery

Venue: Alderley Park Conference**Centre**

Join us for our first ever Women in Biotech at Alderley Park! We're thrilled to bring our inspirational series of events to Alderley to highlight incredible women in the sector, to provide a discussion forum for key topics, and to create an inclusive and supportive networking space.

REGISTER

Capsule formulations to improve delivery of poorly absorbable drugs

Lonza

Pharma & Biotech

Date: Wednesday 2nd March**Digital Event**

Lonza Capsule Applications Services lab offers ways to address drug solubility limitations, develop innovative capsules to tailor drug delivery, and optimize encapsulation processes.

REGISTER

Scientist To CEO: Why Scientists Should Launch Start-ups





Date: Thursday 3rd March
Digital Event

In this webinar, discover how to track the progress and delivery of synthesis targets across all in-house and CRO projects using a visual tracking board. Learn how to set up automatic assay requests for newly synthesized compounds, view the real-time testing status and know when to expect your results. See how to customize tests for specific compounds and manually request follow-up tests.

REGISTER



RSSL QP Connect Annual Conference



Date: Thursday 24th March
Venue: CIM Moor Hall, Maidenhead

Join RSSL for our second QP Connect Annual Conference. The conference, entitled "New Challenges for QPs", will bring the Qualified Person Community together to network, share best practice, keep up to date with industry hot topics and discuss common issues faced by QPs and QA in the pharmaceutical industry.

REGISTER

Date: Wednesday 23rd March
Digital Event

Join us to hear from PhD scientist turned Spin-up Science CEO, Dr Ben Miles, about navigating the transition from research into business. Ben will reflect on his exciting career, giving an overview of the innovation pathways and start-up opportunities available to researchers while sharing the advice and knowledge he wishes he had acquired sooner. Receive tips on the skills and qualities you can develop to build your capabilities, unlock your potential and increase your ability to seize on opportunities to excel in your field.

REGISTER



Newcastle University High End Analysis Facilities Showcase



Date: Thursday 7th April
Venue: Boiler House, Newcastle University

Newcastle University has a wide range of high specification analytical equipment, which we combine with the expertise and technical experience of our specialist staff. This wealth of capability and knowledge, offered by our Analytical Facilities, is available for companies to access, whether in the fields of materials, manufacturing, pharmaceutical, biological, and more. Join us for this event to learn more about what we have

to offer, and how we can work with you at every step: including assay design, sample analysis and data interpretation, as well as more long-term partnerships and collaborative opportunities.

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

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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.

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