Bionow Newsletter



Bionow News & Events The latest Bionow News and upcoming Events



Bionow is delighted to welcome four new members

We look forward to working with:

Suiso | SkyCell | PEMAC | Scientist.com

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: Chubb

Chubb is a Bionow Preferred Partner for specialty insurance products, claims and risk engineering services.

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

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Meet the Member: PEMAC

PEMAC

PEMAC is a best-in-class provider of CMMS software and services working across some of the most competitive and highly regulated industries.

By revolutionising maintenance strategies, they provide businesses with essential insights to expedite decisionmaking and gain a competitive edge when managing their assets.

PEMAC ASSETS CMMS gives your business a powerful advantage for work in the life sciences. Their knowledge spans pharmaceuticals, biotechnology, medical devices, and healthcare, having streamlined maintenance strategies for organisations in these sectors across the world.

With PEMAC's CMMS, your equipment, facilities, and processes will run more efficiently. But the benefits are not just operational – PEMAC ASSETS will support your site compliance, keeping all actions logged in line with key standards, such as FDA 21 CFR Part 11.

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It was another fantastic intake for nominations for the Bionow Awards, with THREE brand new categories for 2023 - Business Support, Internationalisation and Social Impact.

We had a bumper crop of applications, with over 100 submissions. As ever, the standard was very high across the board and the judges had to make some tough decisions! We would also like to thank those who entered, the competition was fierce with great entries in every category.

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Check out our 2023 in numbers!



We have had another great year in 2023 with record event attendees, over £700k of savings through our purchasing scheme and our ever-growing membership base.

For more information on ways to maximise your

membership, contact your membership manager or follow the link below.

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Innovate to Zero: Pd-m deliver an insightful webinar to Bionow members

Pd-m are pleased to share that they hosted an insightful webinar on "Making sustainability an opportunity to reduce carbon and cost" in partnership with Bionow.

Expertly arranged by Bionow's Dave Holmes, there was a thought provoking discussion with great panelists like Michelle Sullivan, Sustainability Chair (ABHI), who spoke about how with NHS England net zero road map, it's high time companies focus on carbon reduction. Pd-m were also joined by Pennine Healthcare's CEO, Graeme Cameron, who talked about a ground up approach to inculcate sustainability in a company's culture.

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BioInfect 2024 The Spine, Liverpool

Thursday 8th February 2024



BioInfect will examine the issues surrounding the increasing threat of AMR and how it can be tackled, such as the need for greater innovation and investment in new drug development, the effectiveness of current and proposed reimbursement models, the efficacy of new and alternative treatments and how organisations, stakeholders and policymakers can work together more effectively to combat this global issue.

PLUS: Taking place ten years on from the influential O'Neill report on AMR, BioInfect will also celebrate the launch of the new Liverpool City Region Investment Zone in Health and Life Sciences as a great opportunity for the community to take stock on what has been achieved in the AMR space and plan for a brighter future.

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2023 Bionow Annual Awards Dinner Concorde Conference Centre

Thursday 7th March 2024



The prestigious Bionow Awards Dinner is a highlight of the life sciences calendar and celebrates the achievements of the sector, showcasing the very best. Invite your colleagues and clients for an unforgettable evening dining beneath the iconic Concorde, which takes pride of place in the super hangar. Grab a glass of bubbles, take a tour and imagine you're travelling at the speed of sound to New York.

Join Bionow to mark this occasion in style - pop open the champagne and join us to celebrate all the award nominees.

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Bionow Life Sciences Careers Fair Online

Thursday 14th March 2024

Back by popular demand, the Bionow Onine Careers Fair returns in Spring 2024 and is designed to help inform university under-graduates, graduates and postgraduates about the vast array of career paths available in Life Sciences.

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.

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Yorkshire Bio-Partnering Cedar Court Hotel, Bradford

Tuesday 16th April 2024

In partnership with:



Join businesses and scientists in this one-of-a-kind inperson meeting showcasing the benefits of industryacademic collaboration and sharing of funding strategies from experts in the Yorkshire region.

The event will:

- Highlight successful academic, clinical and industry partnerships through invited keynote speakers
- Promote the many types of funding and support available for innovation both in our region and UK-wide through a series of short presentations
- Provide an excellent opportunity for informal networking

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Professional Internships for PhD Students (PIPS) with the University of Manchester

The internship will be for 3 months but can be flexible in duration, either as a single 3 month period or a variation of shorter blocks. The type of work should be a discrete project that will challenge the students and enable them to make a positive contribution to the work of their host organization. For example, by undertaking a short deskbased research project or by working in another nonresearch role such as marketing, publishing, sales, business development or project management.

The internship offered should be full-time, supervised and give the opportunity for the student to complete a discrete project that offers a meaningful contribution to your company. The placement does not have to be related to the student's area of study; in fact, the purpose of the scheme is to give the student the opportunity to develop complementary skills in addition to their academic/research skills and to gain 'real world' experience.

The intern would not require any payment from your organisation as they continue to receive their monthly PhD stipend.

For more information, contact Mateusz Przygoda at mateusz.przygoda@manchester.ac.uk. Placement applications from companies must be submitted by Friday 23rd February 2024.

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20th Anglonordic Life Science Conference County Hall, London

Thursday 18th April 2024

Bionow is pleased to be a media partner of BioPartner's 20th anniversary edition of the Annual Anglonordic Life Science Conference.

Anglonordic has a 20-year tradition as a gathering of investors and R&D growth companies that consistently offers unique opportunities for funding and collaboration.

Bionow members can get a registration discount code - contact mollie.nolan@bionow.co.uk for details.

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Arrow open to support more short innovation projects with the region's leading universities



Open the door to fresh thinking, expertise and technical facilities to support innovation in your business – and get results that drive a sea-change in your success.

Arrow is your gateway to the wealth of knowledge at four world-class universities: Durham University, Newcastle University, Northumbria University and the University of Sunderland. It links businesses with knowledge and research to help foster success in our region.

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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



Aon's 2023 Global Risk Management Survey results

We are delighted to share the results from Aon's 2023 Global Risk Management Survey (GRMS).

The GRMS collects and analyses business leaders' assessment of risk and risk management. The 2023 report is the ninth edition of the survey and the results from both Global and UK respondents reflect the increasingly

interconnected nature of risk, with traditional business risks and people risks converging to create significant challenges for organisations.

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Source Genomics expands sequencing portfolio with first UK commercial service on the Element Biosciences AVITI™ System

Source Genomics, a part of the Source BioScience Group, has announced their genomic laboratory expansion by adding an Element Biosciences AVITI™ System to its fleet of sequencers.

As the demand for genomic sequencing increases in the UK, Source Genomics is expanding its offering to meet the escalating needs of the life science research market. The incorporation of Element Biosciences AVITI™ System is set to transform the landscape of genomic sequencing with unprecedented accuracy and cost, allowing researchers additional flexibility for accelerated discovery with next-generation sequencing. This strategic enhancement will position Source Genomics at the forefront of genomic research capabilities and will provide a new tier of support for its projects and partners moving forward.

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North East Innovation Lab marks threeyear milestone with specialist services to meet the requirements of test developers

The North East Innovation Lab is celebrating its three year milestones since the team was brought together to accelerate the development of diagnostics.

Located in state-of-art facilities in the Biosphere, part of the life science quarter Newcastle Helix, the lab has a team of nine scientists.

The team offers responsive specialist services to meet all the requirements for test developers who are now subject to more stringent regulations when bringing tests to market.



NETPark proves ideal base for thriving spin out

Magnitude Biosciences, a biotech company which spun out from Durham University and moved to NETPark in 2020, uses tiny nematode worms known as Caenorhabditis elegans – or C. elegans – to carry out pre-clinical drug development and academic research for clients in a range of sectors, including pharmaceuticals, biotechnology, agriculture, and health & nutrition.

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£30M study paves the way for new treatments for people with cirrhosis

The ADVANCE (Accelerating Discovery: Actionable NASH Cirrhosis Endpoints) study will be the most detailed observational study of its kind enrolling the largest number of patients and providing a detailed analysis of liver health.

The study, involving Newcastle University, University of Edinburgh and leading research-driven global biopharmaceutical company, Boehringer Ingelheim, aims to work out why, even at the most advanced stages of liver disease, there is substantial variation in how the disease progresses with some people remaining well for many years whilst others rapidly experience liver failure or develop liver cancer.

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NETPark set to become Investment Zone 'Growth Site'

The North East Technology Park (NETPark) at Sedgefield, owned and run by Durham County Council, is to become a Growth Site through the creation of a new Investment Zone for the region.

The Investment Zone, which will include two Growth Sites and two Tax Sites, is aligned to the £4.2bn North East

devolution deal, with Durham County Council and the region's other local authorities overseeing the development of the plans.

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Can magnesium reduce risks of diabetes complications?

Researchers have launched a multi-centre clinical trial to investigate a new treatment for preventing diabetes complications in people with type 1 diabetes.

The collaboration between the University of Sunderland, in partnership with St Andrews University and the University of Leeds, pulls together world-leading expertise from across the UK to uncover key biological mechanisms underpinning the origins of blood vessel disease and to test new innovative treatments to halt their progression.

The study has received £400K from national charity Diabetes UK and will start to recruit research participants this year.

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PEMAC joins Bionow to enhance UK life science maintenance management

PEMAC's knowledge and expertise spans pharmaceuticals, biotechnology, medical devices, and healthcare, having streamlined maintenance strategies for global life sciences companies such as Viatris, Stryker, Bausch & Lomb, Helsinn Birex, Horizon Therapeutics, and LumiraDx.

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Food Science and Human Nutrition managed placements by Northumbria University

Are you looking for a cost-effective way to recruit new talent to add value to your business? Placements allow employers to benefit from our students' up-to-date knowledge and emerging leadership skills, long before they graduate. They bring fresh ideas, enthusiasm, intelligence, motivation and commitment.

The placement is full-time for 4 weeks (Mon-Fri) commencing from Monday 29th April - Friday 24th May 2024.

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Ignore the generic advice: Four fundraising tips to help your business get funded in 2024

Dealroom data shared by Sifted shows funding for UK tech fell to \$18.4bn in 2023 from \$31.3bn in 2022 and from \$41bn in 2021. Described as being a 'sobering year' for UK tech, following the post-Covid boom, 2023 was hard for fundraising and 2024 will likely be the same.

Factors such as inflation, the cost-of-living crisis, increased operating costs and market volatility have played a part in the level of funding available.

But give up at your peril, as there is always money available for a promising young business with heaps of potential – even if it is much harder to raise money.

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Artificial Intelligence and Organisational Learning in Innovation: Evidence from drug discovery

This is a research project funded by the University of Manchester and the Research and Development Management Association (RADMA). The aim of the research is to understand how AI-based technologies (e.g., machine learning, deep learning) might be changing how the organisation innovates as well as impacts on existing knowledge, experiences, skills, and innovation capabilities for new knowledge creation at individual and organisational levels.

We also want to explore managerial, ethical, and corporate governance issues related to the development and use of

Al-based technologies. We are particularly interested to work with companies in drug discovery.

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Manchester Met is hosting a Laboratory Science (Chemical Science and Bioscience) Information Webinar

On this webinar, you'll get an overview of our Laboratory Scientist (Bioscience) Degree Apprenticeship and the Laboratory Scientist (Chemical Science) Degree Apprenticeship. Both programmes are developed with leading employers to equip apprentices with the scientific knowledge and technical skills to start or progress a career. They are an innovative blend of higher education with workbased learning.

The webinar takes place on 7th February 2024 from 12.30-1.30pm

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East Durham College is delivering Science Process Industry Training

The courses are two weeks in duration, but can be delivered flexibly to suit your business needs. The college has a brand new, unique facility which will give candidates studying on their courses the opportunity to work in a completely authentic, simulated scientific clean room environment.

Part-funding is available for these courses and costings vary depending on the size of your organisation.

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Boyds collaborates with BioPharma Connections

Global drug development consultancy Boyds has partnered with BioPharma Connections in the company's latest move to continue its growth in the US. Commenting on the collaboration, Boyds' President, Professor Alan Boyd, says: "With over 60% of our clients based in the US, this is a market of strategic importance to our growth. Since establishing our US office just over two years ago, we have worked with many biotech and pharma companies looking to take their products forward for approval with regulators in the US, the UK, and Europe via our UK and Dublin offices."

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PharmaKure granted MHRA Clinical Trial Authorisation (CTA) for PK051 for the treatment of mild cognitive impairment due to Alzheimer's Disease

PharmaKure has announced that the UK Medicines and Healthcare Regulatory Agency (MHRA) has granted Clinical Trial Authorisation (CTA) for the company to commence a muti-ascending dose Phase 2a study to evaluate safety and tolerability of PK051 intended for the treatment of mild cognitive impairment (MCI).

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Information

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



Enhancing regulatory compliance in life sciences with CMMS software

The life sciences industry is heavily regulated, with stringent standards set by agencies like the U.S. Food and Drug Administration (FDA) and the U.K.'s Medicines and Healthcare products Regulatory Agency (MHRA). Compliance with these regulations is not just mandatory but critical for ensuring product safety and efficacy.

In this blog, PEMAC Director of Sales, Donal Bourke delves into how Computerised Maintenance Management System (CMMS) software can be a vital tool for life sciences manufacturers in maintaining compliance with regulatory requirements.

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Managing the logistics risk in life sciences

The life sciences sector is particularly dependent on timely shipping of core ingredients as well as the integrity of the substances during transit and storage, not only to ensure the effectiveness and reliability of finished drugs but also to comply with regulatory requirements and provide a reliable service to their patients and stakeholders. Avoiding losses both in the input and output supply chains is becoming more complicated and, giving this area more attention, is likely to pay off.

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Why Al-generated patent applications can put your innovation at risk

The value of automation beckons in every corner, and the invention world is no exception.

Tools like ChatGPT and Bard promise to simplify the patent process, slashing costs and

saving time. However, when it comes to safeguarding your intellectual property, these AI assistants can be a risky bet. While they may have their uses for initial research or brainstorming, relying solely on AI for your patent application is like playing roulette with your innovation's future.

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Putting patient safety first: new UK regulations for innovative medical devices

Eamonn McGowran, Associate Director of Regulatory Affairs at Boyds, the global drug development consultancy, outlines the MHRA's new roadmap towards the future regulatory framework for medical devices and the key considerations for device manufacturers.

The Medicines and Healthcare products Regulatory Agency (MHRA) has published the "MHRA Roadmap towards the future regulatory framework for medical devices." With the release of this document on 9th January 2024, the Agency has provided an update on the intended timelines to implement the future core regulations via a series of new Statutory Instruments.

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Biocair predicts trends that will shape the life science logistics industry in 2024

"It has been an extraordinary few years in the life sciences sector, with many twists and turns as a result of the COVID-19 pandemic, the global economic climate and major world events. We hope for a steadier year in 2024, and at Biocair, we will continue to focus on achieving excellence for our customers, partners and patients, by focussing on their and the industry's needs."



Call open for 2024 CRACK IT Challenges

Do you have an idea to improve R&D and refine or reduce reliance on animal models? Contact us at crackitenquiries@nc3rs.org.uk

Ideas can come from industry, academic and the charitable sectors and be developed into a new Challenge for our 2024 competition. Challenges are pitched to the bioscience sector to develop new technologies which deliver 3Rs, scientific and business benefits.

The deadline for new Challenge submissions is Friday 16 February 2024.

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New highs for psychedelics in the clinic

Psychedelic compounds have long been experimented with for their mind-altering properties, but in recent years, this theme of research has taken on a much more serious demeanour. It may be that taking a "trip" to the doctors could soon acquire an additional meaning.

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Specialist Laboratory Purchasing Scheme for Bionow Members

The Fisher Scientific channel offers a full range of premium brands

The breadth and depth of the Fisher Scientific product range creates a virtual one-stop

shop for scientists with a core list that helps to simplify your ordering whilst providing great value and long-term price stability. Browse a dynamic, fully-interactive web catalogue that provides product information and real-time stock availability.

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Click here for a full list of information

All the latest from the life science sector

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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)



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Events Upcoming Sector Events



National Apprenticeship Week 2024 ATAC event - North England

Contra-

IT'S NATIONAL APPRENTICE SHIP WEEK



National Apprenticeship Week 2024 (5 – 11 February) aims to shine a light on the amazing work being done by employers

Newcastle University -Employers' Business Breakfast



9th February 2024 The Catalyst, Newcastle Helix

Find out how Higher and Degree Apprenticeship programmes offered at Newcastle University can enhance skills in your organisation and develop skills for life. Learn about the Level 5, 6 and 7

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

REGISTER



MDC Connects - Webinar Series



13th February - 12th March 2024 Online

Join us for this year's 'MDC Connects' webinar series, 'Unlocking the Secrets of Medicine Commercialisation' five webinars covering the latest in medicines discovery topics. Experts from the drug discovery community and within MDC deliver the sessions to educate, inform and advise on the discovery of medicines.

This year, we will provide an informative series outlining the journey from innovation to commercialisation. **Registration is FREE.** apprenticeship programmes we offer and ways to co-develop apprenticeships that would benefit your sector. Hear from employers about our apprenticeship programmes' impact on their staff and organisations.

Network with fellow business leaders over a light breakfast.

REGISTER



NIHR Innovation Observatory presents: Demystifying Horizon Scanning



15th February 2024 The TED Theatre at The Catalyst, Newcastle upon Tyne

Join us for an interactive evening with our researchers to discus the who, what and why of horizon scanning in healthcare!

You'll have a chance to chat with some of the leading minds in horizon scanning research about how and why we horizon scan for medical innovations, as well as guests from industry to discuss how our research can and has supported them.

REGISTER



University of Sheffield Work Experience Careers Fair

REGISTER



Nepic Asset Management Conference



20th February 2024 Hardwick Hall, Sedgefield

This event will bring together industrialists, sector specialists and technology experts to explore the critical role of asset management in driving energy savings, productivity, and efficiency.

Our conference is your opportunity to network with industry peers, gain actionable insights, and stay up to date with the cutting edge of asset management. Join us and learn how the North East process sector can become more sustainable, efficient, and profitable.

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Flare V8: What's new in Cresset's molecular modeling software?



22nd February 2024 Online



21st February 2024 The Octagon, University of Sheffield

Join us for a day of exploration, connection, and endless possibilities as we invite you to enhance your organisation's visibility on campus and tap into a pool of motivated and skilled students.

Showcase your paid work experience opportunities, part-time roles, internships, and year-long placements. As an exhibitor, we ensure you have a dedicated stand, providing the perfect with space to engage potential candidates. You'll also benefit from comprehensive pre-event and on-the-day promotion to help you maximise your reach.

It's where talent meets opportunity – we hope you'll join us again and be an integral part of this enriching experience.

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University of Manchester Biological Sciences Careers Fair



29th February 2024 The Whitworth Building, Oxford Road, Manchester

Attending students will predominantly be undergraduate biological sciences

Flare V8 is available now! Join us in this webinar for an overview of the exciting new science and features in this release.

New and enhanced structure-based methods include MM/GBSA single-point calculations to rapidly prioritize the best molecules; significantly expanded applicability of Flare FEP, now supporting projects including ligands with different net charge; new and enhanced visual analysis tools for troubleshooting and understanding the results of Flare FEP and Molecular Dynamics experiments; new and enhanced features for protein and homology modeling.

students from The University of Manchester. The fair is also open to our postgraduate students and graduates. Students are interested in exploring a range of opportunities including graduate jobs, internships, placements, insight programmes, parttime jobs, and learning more about employers, their recruitment processes, how to stand out as a candidate etc.

If you have any questions, or would like to attend, please contact us ASAP and we will allocate you a stand space (free to attend and no booking form is required):

recruitment@manchester.ac.uk

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BIO-Europe Spring 2024



18th - 20th March 2024 Barcelona CCIB, Spain

BIO-Europe Spring 2023 came back on top with a record breaking 3,500+ total attendees representing over 1,400 companies and 53 countries in 2023, which resulted in a remarkable level of engagement and over 19,000 one-to-one partnering meetings.

Make more connections this year in Barcelona and save up to 12% when you register with BioPartner UK!

BioPartner members save 12%, Alliance partners 11% and nonmembers 10% on current ticket prices

SurgTech 2024



21st - 22nd March 2024 Marriot Hotel, Leeds

SurgTech 2024 brings together the research strengths of the NIHR Surgical MedTech Co-operative, the Centre for HealthTech Innovation, and Leeds Biomedical Research Centre Surgery Theme with methodological expertise in Surgical In Vitro Diagnostics and Devices, Leeds Clinical Trials Research Unit, and clinical translational capabilities through Leeds Teaching Hospitals Innovation PopUp.

This exciting two-day event will bring together clinical academics, allied health professionals, researchers from the engineering and physical sciences, by signing up with us. You will receive a £GBP invoice and a further potential saving of 21% because we take care of the EU VAT.

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Northern Bioinformatives User Group Meeting



25th March 2024 Dorothy Fleming Lecture Theatre, Sheffield

The Sheffield Bioinformatics Core are pleased to announce that we have just opened registration for the next Northern Bioinformatics User Group (NorthernBUG) meeting on 25th March which will take place in Sheffield. This is a free meeting aimed at those practicing Bioinformatics or Data Science or those wanting to learn more about the application of data analytics techniques to life sciences.

Submissions for a talk or poster are welcome.

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methodologists, public and patients, industry, and experts in market access, medical device regulation and commercialisation in a truly multidisciplinary forum to build networks, explore opportunities for new celebrate collaborations. and recent successes.

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

Contact the Team

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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.

Contact us: www.bionow.co.uk | info@bionow.co.uk

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