

Hello from One Nucleus!

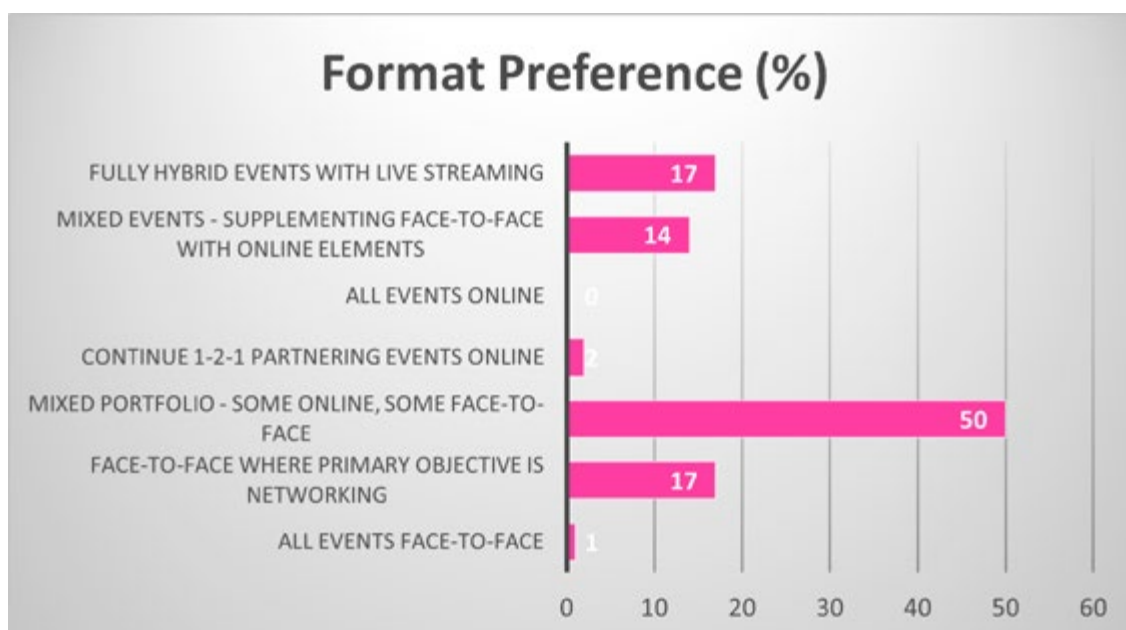
A warm welcome to this month's One Nucleus eNews. Warm is probably not the adjective to use when the month just gone has been the coldest April for six decades in the UK. Fear not however, things are warming up nicely as we look ahead to what's happening in the world of One Nucleus and our members.

We have been fortunate to have some great events this past month which have included an excellent session discussing the '[Key Elements of a Life Science SPAC](#)' and a follow-up '[My Question is ...](#)' session from the Building Life Science Adventures conference. A number of other sessions on topics between these bookend topics provided great insight from our network, much of which is now available via the [on-demand page](#) of the web site. Last month also saw the launch of the [One Nucleus Annual Review 2021](#) – more details later.



Looking ahead, we have been seeking the opinion of our network with regards to our [event portfolio](#). Quick surveys provided some direction in terms of event format within the portfolio and, in the case of online sessions, a preferred time of day which are represented here:

### Question 1: What event portfolio format would you prefer when social distancing restrictions are removed?



**Question 2: Considering online events, what time of day would be your preference to participate?**



With the above in mind, I am delighted to say that looking ahead, we have planned for both face-to-face and online events as the impact of the pandemic eases. I hear the adage ‘just because we can, doesn’t mean we should’ a great deal, reflecting a high degree of caution in the optimism out there. You will see later in this issue some of the plans coming together such as [ON Helix Digital 2021](#) (5-6 July) and our first [Regional Life Sciences Dinner](#) (21 October).

In this issue you’ll find updates about our Virtual Innovation Centre, links to upcoming events and courses, a spotlight on the Virtual UK Healthcare Pavilion, EY joining our Partner Programme, Fish & Richardson on AI & patents, Deal of the Month, available discounts and more. You’ll also find an update on where you can meet One Nucleus in terms of upcoming partnering conferences including AngloNordic Conference, BioNJ Annual Partnering Conference, BioIntegrates and BioTrinity.

If you would like to learn more about us sooner to ensure you are not missing out, you can always view the [explainer video](#) or [contact the team](#) who will be glad to guide you through such support as the Group Purchasing Scheme, Training Courses, Events, Profiling Opportunities and more. We also know that we could not begin to cover all the fantastic news from our members and stakeholders in one monthly eNews, so do visit our [LinkedIn](#) and [Twitter](#) and our web site [news section](#) to see much, much more and stay up to date.

There are always many things that are yet to be understood in medicine as research often triggers more questions than provides answers. The immense rate of technological and scientific understanding is enabling progress at unprecedented speed. This we have seen illustrated so well in fighting the pandemic. That need (and thirst) for knowledge remains key and, via the channels above, we aim to contribute to the awareness and sharing of

information upon which the sector thrives such that new hypotheses to improve patient outcomes are stimulated, debated and tested.

I shall sign off with a quote from Canadian writer Laurence J. Peter that springs to mind as I was writing that last sentence: "Some problems are so complex that you have to be highly intelligent and well informed just to be undecided about them." Whilst the criteria may explain my lack of understanding, I hope the One Nucleus activities: sharing information, enabling discussion and new collaborations are ably contributing to some of your indecision.

Tony Jones

CEO, One Nucleus

## Join us at **ON Helix**

Our flagship digital conference is back, bringing the One Nucleus network together to present and discuss the main innovation and technology trends in healthcare research and development.

Focusing on the theme of **New Medicines in a Brave New World**, the event will bring together:

- 1.5 day of live panels and presentation
- 3 days of Innovation Workshops for an in-depth overview of business and technical topics
- 10+ hours of on demand content available until 4 weeks after the conference

[Click here](#) to join us now. Prices start at only £90+VAT!

5-6 July 2021 | Digital

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# Update from the VIC



Our bespoke virtual programme to support companies on their growth journey has now started with exciting updates from April and moving forward.

## Onboarding Companies

We are delighted to introduce the first company to join the VIC: Leaf Expression Systems, a plant-based protein (including vaccines) expression and production company. Based on Norwich Research Park and led by seasoned CEO, Simon Saxby, they see the VIC as a good opportunity to leverage One Nucleus's network expertise and profiling platform in a more efficient way.

"The One Nucleus Virtual Innovation Centre initiative is an exciting platform that will enable member organisations to tap into One Nucleus's extensive network of companies, individuals and associated expertise, and our participation will enable Leaf's team at all levels throughout the organisation to benefit from these opportunities. It will also help us to rapidly grow awareness of the benefits and applicability of our plant-based protein and vaccine expression and manufacturing technologies, and we are delighted to have been invited to join the VIC."

Simon Saxby, CEO Leaf Expression Systems



Don't forget we're taking expressions of interest all year round so please contact [Aline](#) if you would like to discuss the VIC and its benefits.

## New Partner Involvement

We couldn't deliver quality insight and support to companies without our partners' expertise and this month was particularly active as it saw two new partners joining the Virtual Innovation Centre:



Charles River which is actively involved in translational and pre-clinical research and can provide invaluable technology insights on early stage programmes as well as business development expertise to support partner selection and relationship management



TranScript will bring compiling and cross value chain support in clinical development from project management to data submission and regulatory issues.

We look forward to working with our newest partners.

## Workshop Delivery

April saw the first VIC workshop delivery focusing on '[Identifying and Filling Gaps in the C-suite and Board](#)' with our Leadership partners George James.

The next workshop is planned for 26 May 2021 on '[Transactions for Growth](#)', focusing on the key due diligence elements involved when growing companies approach various forms of transactions.

## VIC Partners

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# It's Good to Talk! One Nucleus Life Sciences Dinner 2021



As we emerge from the pandemic and associated restrictions, and we all consider what is an appropriate time frame to return to face-to-face events as Government restrictions start to ease. Whilst the adage 'just because we can doesn't mean we should' has been a recurring phrase, confidence is growing, and the benefits of face-to-face networking are well known to us all.

To this end, we are delighted to be planning our first regional **Life Sciences Dinner**, to be held at **Chesterford Research Park** on **21 October 2021**. We feel there will be a taste for space remaining for many, so we will be limiting capacity in the airy The Nucleus setting of our hosts. Provisional bookings for tables of eight are now being taken by emailing [Tony Jones](mailto:tony.jones@one-nucleus.com) – we are looking forward to catching up!!

## Genesis Sessions Knock-Out Tournament

Whilst having to deliver the Genesis 2020 conference fully online brought its challenges, it also presented some great opportunities:

- Online accessibility meant greater international participation.
- Reduced delivery cost translated to lower delegate fees for all.
- Online delivery meant not only could delegates engage live, but recording the sessions means we have a valuable legacy.



**These benefits enable us to provide further engagement for all, delegates and non-delegates alike, via our inaugural Innovation Workshop Knock-Out Tournament**

Much like the excitement of a sports cup competition:

1. Entrants are randomly drawn to face each other in a head-to-head play-off.
2. Our extended network can view the sessions and vote online over the course of a week for who they feel is the best session in that play-off.
3. The session with the most votes in each head-to-head will progress to the next round.
4. The cycle begins again until we arrive at a winner, voted for by you!

**Coming soon!**

# Collaborating to Showcase Excellence: The UK Healthcare Pavilion



As we emerge from the pandemic and associated restrictions, and we all consider what is an The UK has long been a world-leader for innovation in life sciences, and the sector has a proud history of cutting-edge discoveries and advances, from regenerative medicine to genomics and digital care.

Supported by a powerful research landscape and a world-class science base, the sector has seen strong growth in recent years, and the NHS, a unique institution in world healthcare, continues to play an important role in driving new treatments forward. The country is home to an impressive network of world-leading hospitals and clinics carrying out life-changing work.

These credentials, when viewed together, highlight the incredible contribution UK science and innovation makes to the improvement of patient care. But while we all recognise how special the UK's healthcare and life sciences sector is, there has never been a single front door that showcases its true breadth and capabilities.

The [UK Healthcare Pavilion](#) does just that, and marks the first virtual marketplace for global visitors looking to discover, connect and innovate with the UK's world-class healthcare and life sciences sector.

Spearheaded by ABHI in collaboration with many leading healthcare organisations and institutions, the platform is enabling global visitors to better understand the UK's world-class sector and learn about the incredible innovations, and often pioneering work, that takes place here to improve outcomes for patients. And, vitally, to support all those businesses and key organisations in the UK who are eager to build international relations to increase their export opportunities on a global scale.

Central to the platform is a substantial directory of key UK companies and organisations from across HealthTech, the bio industry and pharmaceutical sector, as well as leading UK hospitals and clinics. Each of these organisations has their own dedicated microsite on the platform, allowing them to showcase their solutions and services, whilst enabling visitors across the globe to engage with them directly.

The site also aims to deliver news and interviews with key opinion leaders from the UK Healthcare landscape such as [NICE's Professor Gillian Leng](#), [Graeme Tunbridge, Director of Devices, MHRA](#) and [Lord David Prior, Chair NHS England](#).

The UK Healthcare Pavilion is live and we want visitors across the globe to really understand that the UK is open for business and ready to collaborate. This short [explainer video](#) provides an overview of what to expect from the site.

As we continue to build this unique community we are now inviting companies to [create their profiles](#).

If you have any questions about the UK Healthcare Pavilion, please contact [paul.benton@abhi.org.uk](mailto:paul.benton@abhi.org.uk), who would be happy to discuss this opportunity with you or a member of your team.



# Welcome to New Partner EY



We were delighted to announce on 27 April 2021 that EY had become the latest organisation to join the One Nucleus Partner Programme. As readers may recall, the programme is a tailored engagement plan with those organisations aligned with the One Nucleus aims of supporting our members in their growth and competitiveness. EY will be bringing their significant global expertise and insight to One Nucleus activities including supporting the Virtual Innovation Centre, our Innovation Seminars and on a 1-2-1 bases via their 7 Drivers of Growth sessions, the overview of which is as follows:

Drivers	Sub-driver
Funding and finance	Funding and growth People and organisation Finance process and controls Data and technology Stakeholder management
Customer	Products/Services, markets and channels Sales and pricing Customer experience
Operations	Operations strategy Operational excellence and continuous improvement Operational resilience and sustainability
People	Capability Performance management Innovation Leadership and rewards
Technology	Digital enterprise Data and Analytics Security and privacy Partnership and Alliances
Transactions	Transaction strategy and planning Transaction effectiveness Partnership and alliances
Risk	Governance Risk Management Policies, procedures and compliance Stakeholder management




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# Meet us at ...

[Alicia Gailliez](#) is attending [Bio Integrates – 21 May 2021](#). Our members can receive a 25% discount when registering.

[Aline Charpentier](#) is attending [The Anglo Nordic Life Science Conference – 25-26 May 2021](#). Our members can receive a 10% discount when registering.

Find the full listing of upcoming Webinars and Events overleaf...

## ON Annual Review **Now Live!**

This yearly publication provides the opportunity for us to reflect on a year of One Nucleus activities, to highlight some of the successes of our members and trends in the Life Sciences sector. Highlights of the Annual Review 2021 include:

- Key One Nucleus achievements
- Details of how One Nucleus supports our members
- Meet our Corporate Patron, Sponsors and Partners
- An overview of our membership and regional network
- Plans for our annual conferences
- Guest articles discussing developments in R&D, investment
- A-Z listing of One Nucleus members



**Click **HERE****  
**for the**  
**Annual**  
**Review**  
**2021**



# Upcoming Webinars & Digital Events

## One Nucleus Events

- 12 May | Maintaining Your Investment Readiness - [register](#)
- 18 May | Trends in and Solutions for Validation of Analytical Procedures and Bioassays - [register](#)
- 19 May | Life Science Marketing Group: The Transition from Virtual to Hybrid and Live Events for the Life Sciences sector - [register](#)
- 26 May | VIC Workshop – Transaction for Growth - [register](#)
- 26 May | Women's Health and Wellbeing Within the Workplace - [register](#)
- 02 June | BioWednesday Webinar: ESG and Life Science Investment - [register](#)
- 05-06 July | ON Helix Digital - [register](#)

## One Nucleus Training Courses

- 04 May | Online Introduction to Managing Life Science Projects. Registration open until Friday 28 May [register](#)
- 11 May | Online Laboratory Health and Safety - [register](#)
- 17 June | An Online BioSafety Masterclass: Building and Maintaining Confidence in BioSafety - [register](#)
- 14 July | Online Introduction to Drug Discovery: From Idea to Clinical Candidate - [register](#)

## Industry Events

- 05 May | Is My Molecule Suitable for an Orally Disintegrating Tablet? - [find out more](#)
- 06 May | Amorphous and Co-Amorphous Systems for Poorly Soluble Drugs - [find out more](#)
- 11-12 May | RSSL QP Module - Investigational Medicinal Products - [find out more](#)
- 13 May | Mental Health: A Conversation With Ruby Wax, OBE - [find out more](#)
- 17 May | Amazon in Cambridge: the Home of Alexa and More - [find out more](#)
- 18-19 May | **Member Discount Available:** BioNJ BioPartnering Virtual Conference - [find out more](#)
- 18 May | Integrated Approach to Spray Drying for Optimized Oral and Vaccine Formulations - [find out more](#)
- 18-19 May | Bionow Pharma Manufacturing Conference - [find out more](#)
- 18-20 May | RSSL Responsible Person and GDP, Cogent Gold Standard Approved - [find out more](#)
- 20 May | Then and Now – Delivering a Successful Therapeutic to Patients - [find out more](#)
- 20 May | Making the Most of Cambridge Network Membership- [find out more](#)
- 20 May | **Complimentary registration for members :** Bio Integrates 2021 - [find out more](#)
- 24 May | RSSL New Medical Device Regulation (MDR) 2017/745 - [find out more](#)
- 25-26 May | **Member Discount Available:** Anglonordic Life Science Online Conference - [find out more](#)
- 25 May | Understanding Google's New Core Web Vitals: Its Impact on Your Website and How to Optimise for it - [find out more](#)
- 21-25 June | **Member Discount Available:** BioTrinity 2021 Virtual Conference - [find out more](#)

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# Member Webinar Highlight



With Artificial Intelligence (AI) going mainstream and developing rapidly in the Healthcare and Life Science sector, the question around Intellectual Property is crucial for those looking at sustainable business models. [This webinar led by Fish & Richardson](#) reviews the main eligible criteria for AI patent applications in the US and Europe, covering topics such as: 'What makes a good candidate for patenting?' and 'How to draft specifications to increase the chances of having claims found patentable? Including examples from both sides of the Atlantic.'

**Today!** Following the February 2021 event 'What Will the Legacy of 2020 be on Executing Deals in the US?' with Fish & Richardson, we are delighted to again be working with them to bring you the [May 2021 BioWednesday](#) entitled "Opportunities for UK Life Sciences: A US Perspective". Registration is open and free to One Nucleus members.

## Deal of the Month

### **Alloy Therapeutics raises \$75M in Series C**

The biotechnology ecosystem company Alloy Therapeutics with headquarters in Massachusetts and European labs in Cambridge, UK raised a significant \$75M to extend its platform and services into adjacent biologic modalities and geographic areas.

This is logical continuity to the relatively recent company founded in 2017 but it is interesting to notice the round lead investors including 8VC, Presight Capital and Peter Thiel confirming the innovative business model approach Alloy is taking. A quote from Alex Kolicich, founding partner of 8VC compares Alloy's partnership and network approach to what accelerated technology developments 'We have seen firsthand how democratizing the product development process has transformed the technology industry through accelerating network effect. We are proud to support Alloy as they apply these lessons to the biopharmaceutical market'.

It will be interesting to see how much impact this approach will have on biopharma 'product development' especially in our innovative and connected East of England Ecosystem Full press release is available [here](#).

great acknowledgment of the technology developed by the Amphista team.

The full press release can be found [here](#).

## Funding & Support

### **SME Brexit Support Fund**

HMRC is offering a grant up to £2,000 to help SMEs (fewer than 500 employees and less than £100M annual turnover) to cover practical support with new customs regulations post Brexit. This includes training and/or professional advice that can be used for support on how to complete customs declarations, how to manage customs processes and use customs software and systems, specific import and export related aspects including VAT, excise and rules of origin.

The full detail and application process can be found [here](#).

**[Here](#) is the link to a webinar covering the main aspects of 'Laboratories Supplies and Import Duties Post Brexit'**