

## Welcome to our September 2021 eNews

This month always feels like a bit of a restart since we have all been conditioned into the new year starting in September and then heading into the new autumn school term. Perhaps, as social distancing eases and we can plan for in-person meetings and events with more confidence, this September feels even more like a coming back to school dynamic – full of anticipation, dreams and excitement of meeting the new, progressing plans and graduating to success.



## And we're back!

Much like everyone else, the One Nucleus team are looking forward to the first face-to-face events for over a year. I mentioned the event portfolio mix we have planned after consulting with the Life Sciences network in the [last issue](#). I am delighted that we have our first in-person [Networking Mixer](#) scheduled for 16 September hosted by [EIP](#), a ['Presentation Skills for Scientists'](#) in-person training course on 13 October 2021 and a [Regional Life Sciences Dinner](#) on 21 October 2021 at Chesterford Research Park to name just some.

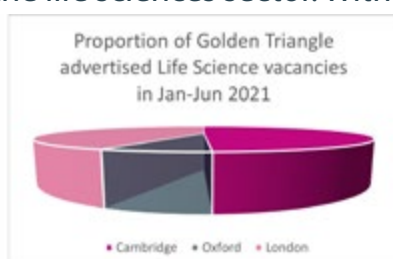


It is particularly good to see the increasing enquiries about Genesis 2021 with early sponsors and delegates registering to secure their place on what may well be a sell-out

event in the new venue, 1 Wimpole Street. Undertaking the site visit last week immediately triggers that buzz as you realise what is coming.

## Where is Marie, (or Albert, Ada, Isaac ....)?

It was interesting recently to see the publication [CityAM](#) highlight the evolving skills challenge for the life sciences sector. With contributions from BIA and EuropaBio, the article sets out the



factors converging to create a skills challenge as an estimated 133,000 new jobs are to be created in the UK alone. That recruitment challenge, particularly in the 'Golden Triangle' has been highlighted by [Cpl Life Sciences](#). Tracking sector vacancies across London,

Oxford and Cambridge it sets out that the 2,200 advertised vacancies thus far in 2021 represents 85% of the total seen in all of 2020, which was a good year.

The growth in Cambridge and London being evident with >90% of these vacancies being split between them. Such pressures can easily push up salaries, flexibility, turnover and recruitment challenges, in turn placing increasing emphasis for those recruiting to be an employer of choice and able to differentiate their Employee Value Proposition.

One Nucleus continues to run its Employer of Choice sessions, exploring how companies can support and develop their staff on matters they care about, be that diversity, neurodiversity, climate change or indeed remuneration. women's health and more. The next session on 28 September 2021 will discuss the [LGBTQ+ perspective on inclusivity and diversity](#).



Our [current survey](#) asks our network about the barriers to increasing work-based learning. It is revealing a main barrier was felt to be the capacity of employers to accommodate placements, as illustrated. This will be the topic of debate at this week's [BioWednesday Webinar](#) – watch out for the recording on [YouTube](#) soon if you aren't attending.

## Being diligent

Diligence in looking after employees is vital, and following on the above theme, we would like to congratulate our Corporate Sponsor Fish & Richardson who for the fourth year running have been named by Seramount as one of the ['Best Law Firms for Women'](#). Shifting gear to the deal side of the industry, readers may be interested to register for the upcoming webinar entitled ['Efficient and Effective IP Due Diligence'](#) which will be delivered by Fish & Richardson attorney Gwilym Attwell on 14 September 2021 at 1.30pm (EDT).



## A brief history

Maybe it's just me but browsing the web seeking information frequently uncovers related items that whilst interesting are actually a distraction, albeit welcome. This occurred earlier and I happened across the [EuropaBio 25 Years of Innovation](#) post. A short read, but interesting for the curious. It sets out the timeline of major advances in the sector, some of which underpin much of the innovation we cover in our eNews, events and conferences so I thought to share it here for others who may not have seen it.

Among other things, it lists the years the following happened:

- First clinical trial with DE27 (Humira) (1998)
- First enzyme replacement therapy to treat Fabry disease approved in the EU (2001)
- Human Genome Project completion (2003)
- First production of spider silk through biotechnology (2007)
- First approved cancer treatment using antibody glycosylation (GlycoMab) (2013)
- First curative gene therapy for ADA-SCID approved for infants (2016)
- Many more milestones at [EuropaBio 25 Years of Innovation](#)

As always, you will also find more details of upcoming [events](#), [training courses](#), [savings](#), the [VIC update](#) and more from which you can benefit. You can also stay fully up to date by following us on [Twitter](#) or joining the One Nucleus [LinkedIn Group](#).

Tony Jones

CEO, One Nucleus

## One Nucleus Annual Review Q4 - **Your** **profiling opportunity**



**The One Nucleus Annual Review will be making its Q4 2021 update - and advertorial space is available!** If you are interested in promoting your brand to the One Nucleus global Life Science network with a one-page advert in our Annual Review, please email [natalie@onenucleus.com](mailto:natalie@onenucleus.com).

In the interests of the environment, the Annual Review is published in digital format only. Adverts will be featured alongside editorial content from thought leaders in the sector and available to anyone viewing the Annual Review on our website, via our social media promotion, and at the national and international conferences attended by One Nucleus.

Don't miss this opportunity to showcase your company!

# genesis 2021

9 December 2021 | 1 Wimpole St, London

## Registration Open!

### Genesis is approaching its 21st Birthday – and you're invited to the party!

Returning face-to-face on 9 December, Genesis 2021 may be considered to be something of a re-genesis after a year online. In a new home at 1 Wimpole Street and providing an in-person and digital delegate option, Genesis will harness the positives of both formats.

[Book your delegate place](#) now if you want to secure your attendance at the best Genesis party in the last 21 years!

### Conference Content

The [Genesis 2021 Keynote Sessions](#)\* will assemble senior executives and decision-makers from across the Life Science, Healthcare and Technology field to present, discuss and demonstrate their collective insight and thought leadership for the sector on subjects including:

- Winners and Losers 2021
- How Will Pharma Deals Evolve in 2022
- Sustainable Biotech
- Preparing for the Next Healthcare Crisis
- Driving Real World Patient Centricity
- Towards a Genomics Driven Healthcare System
- Converging Biotech
- Driving Innovation – Learning from Outside Our Bubble

\*Keynote sessions will be recorded for digital delegates to view on-demand.

Digital [Innovation Workshops](#) will be scheduled on the days surrounding Genesis to enable all delegates to interact live on key topics

Newly created content involving One Nucleus's international partners will be available for on-demand viewing along with the Genesis 2021 playlist

### Time to Mingle

Genesis 2021 is making time for the much-missed networking opportunities with plenty of breaks throughout the day in one of central London's most prestigious venues.

### Partnering

Via the Conference App, Genesis will enable all delegates to participate in 1-2-1 partnering in private virtual meeting rooms.

### Accessing the Conference

Whether attending in-person or as a digital delegate, all delegates will be able to maximise their engagement via the Conference App which will facilitate 1-2-1 partnering, live Innovation Workshops and on-demand content online from 6 December.

[Find out more](#)

# VIC Update

One of the benefits of the virtual aspect of the VIC is the potential for building an international community interested in the One Nucleus ecosystem to grow their Life Science venture. Aline joined EBD's Connector innovators networking club for a [session focused on the Virtual Innovation Centre](#).

And for those more interested in the support provided by the VIC, two new workshops are available for those looking at growing their life science venture:

## 14 September - 13:00 – 14:00 - [Growing Lab Capacity](#)



For companies establishing or growing their lab operations, this workshop will discuss the main operational questions and solutions around:

- The building or buying key decision factor
- Equipment acquisition and life cycle
- Consumable purchasing and inventory management
- Workflow and automation to optimise staff time
- Data management solution for growing-up companies

An essential 90 minute interactive workshop to learn and share interrogations on the lab operation development journey.

## 13 October - 13:00 – 14:00 - [Growing with underlying principles of drug development in mind](#)

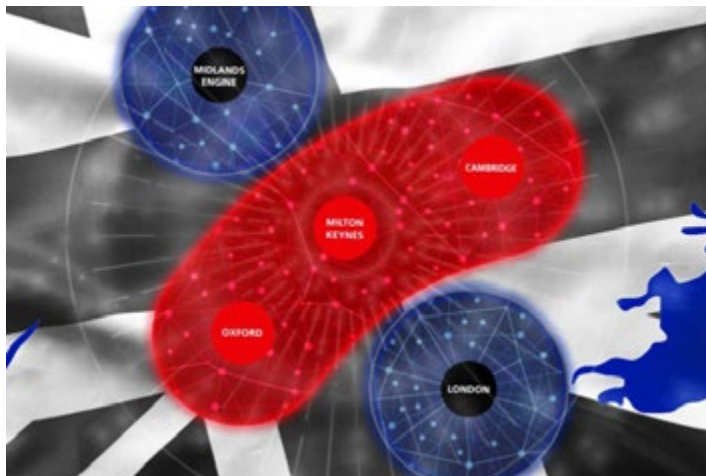


This VIC workshop will cover the fundamentals of drug developments programmes, the main considerations and their evolution as biotech mature their pre clinical data. It is specifically dedicated to early stage companies who need to show their understanding of the underlying principles of drug development to their stakeholders and ensure they know how to evolve them as the company progresses.

## VIC Partners



# Silverstone Technology Cluster (STC) Annual Conference 2021 - How can we collaborate across the Oxford to Cambridge Arc?



One Nucleus members are offered a **£100 discount to attend this year's [STC Annual Conference](#)**

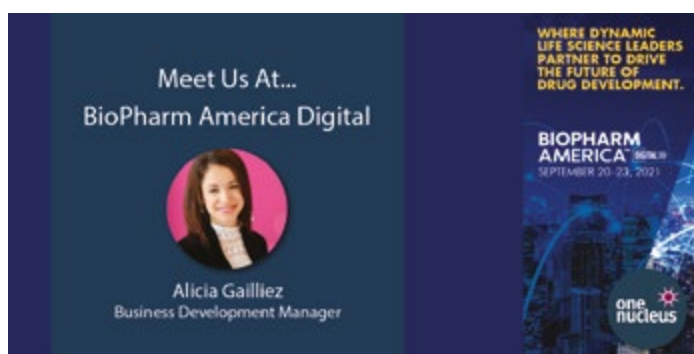
where Tony Jones, our CEO will participate on a panel discussing how collaboration between the business membership organisation and their respective members located in the Arc can help support the translation of great science and innovation into societal and economic benefit for all stakeholders.

The diversity of technology clusters lends itself well to harnessing the increasingly convergent approaches in areas such as life sciences, so the event is an early

opportunity for members to explore what partnerships may contribute to their success.

## Meet us at...

### [Biopharm America Digital](#)



### [Knowledge for Growth](#)



Meet Alicia Gailliez, Business Development Manager at [BioPharm America Digital](#) on 20-23 September - One Nucleus members receive 15% off registration, another great partnering opportunity.

Aline Charpentier, Head of Innovation Support, will be ready to meet you online at [flanders.bio's Knowledge for Growth](#) on 27-29 September - our members receive 15% off registration!

# Welcome to New Partner **Appleyard Lees**



This month we are delighted to welcome Appleyard Lees to the **One Nucleus Partner Programme**.

Appleyard Lees is a leading intellectual property law firm with expertise across all areas of IP. Through its network of offices across the UK, including in Cambridge and at the Biohub at Alderley Park, they support fast growing and innovative Life Science companies and those in interconnecting technology fields. Thanks to their agile approach, the organisation is also globally connected.

One Nucleus leverages the valuable insights of our Partners to support our members in achieving their growth goals and maximising their competitiveness. Appleyard Lees will showcase their breadth of knowledge through a range of One Nucleus activities including our BioWednesday Webinars, the Genesis Innovation Workshop series and tailored support for Life Science companies in the form of an IP clinic or '101' course.

## Member discount for sponsored content in **Life Science Innovation Campaign**

One Nucleus are working on the Life Science Innovation Campaign campaign with Mediaplanet which will be launching on the 30th September for a whole week with the New Scientist, online at [www.businessandindustry.co.uk](http://www.businessandindustry.co.uk) through social media, at industry events and via a webinar.

Also featuring in the campaign will be MedCity, ABPI, Sir John Bell, BIA NHSX, OBN and EuropaBio amongst others. **One Nucleus member's can secure a discount for sponsored content or branding opportunities via [natalia.sanz.dawson@mediaplanet.com](mailto:natalia.sanz.dawson@mediaplanet.com)**

**The Life Science Innovation campaign** by Mediaplanet will be launching on the **30th September** distributed in the **New Scientist** and online at [www.businessandindustry.co.uk](http://www.businessandindustry.co.uk)

The campaign will highlight the importance of the life science sector, the role that it had in creating a vaccine in light of the pandemic and how the future of healthcare is dependent on the innovation and collaboration brought about from the life sciences field. It will also be covering topic such as cell & gene therapy, investing in new technologies, streamlining regulations and learnings from the pandemic.

For information on sponsored editorial or branding opportunities please reach out to [natalia.sanz.dawson@mediaplanet.com](mailto:natalia.sanz.dawson@mediaplanet.com)

*Members will receive a 10% discount on packages available.*



# Let's get ready to mingle!



Are you ready to return to face-to-face networking? We are delighted to be holding an in-person networking mixer at EIP, 15 Fulwood Place, London on Thursday 16 September 2021, 18:00-20:00 PM. There will be limited capacity, so please [register](#) to avoid missing out!

We look forward to welcoming you back in-person.

## Connect: Health Tech



Connect: Health Tech, a Cambridge University Enterprise Zone initiative has launched its website and online community with a focus on med tech, digital health and therapeutics.

The initiative is building a highly effective interdisciplinary bridge between two Cambridge research hubs and beyond: the West science and technology hub anchored at the [Maxwell Centre](#) and South

biomedical hub anchored at the [Milner Therapeutics Institute](#).

Created to build and integrate a thriving business and enterprise community Connect: Health Tech will connect stakeholders from across the cluster, University, research institutes, NHS, industry, investors, local and national Government to create opportunities that will transform ideas at the interface between medicine and technology into reality. Through the online community users will be able to find new contacts and networks to discuss areas of common interest across the physical and life sciences and catalyse interdisciplinary interactions. Engaging with this online community will enable businesses to share the challenges they face and harness the power of the community to help solve real world problems.

- Help join the dots across the Cambridge ecosystem by joining our growing [interdisciplinary online community](#).

- Join us on September 8th for a [panel discussion via Zoom](#): "Building impactful collaborations through interdisciplinary approaches"



# Upcoming Webinars, Face-to-Face Events & Courses

## One Nucleus Events

- 1 September | BioWednesday Webinar - Is the Workplace the Best Place to Train our Future Workforce? - [register](#)
- 6 September | PROTAC and Peptide Modalities: A Differentiated Approach to Clinical Candidates - [register](#)
- 7 September | Lunch and Learn: DPO & DPR: Something Old, Something New and Something Blue... - [register](#)
- 14 September | VIC Workshop – Growing Lab Capacity - [register](#)
- 16 September | In-person Networking Mixer - [register](#)
- 21 September | HR SIG: Employee Data, Monitoring and Privacy - [register](#)
- 27 September | Incentivising Innovation: The SME R&D Tax Credit Scheme - [register](#)
- 27 September | Employer of Choice Session: Reducing Carbon Footprint in the Workplace - [register](#)
- 28 September | Creating a Diverse and Inclusive Workplace - an LGBTQ+ Perspective - [register](#)
- 6 October | BioWednesday Webinar - [register](#)
- 7 October | ON Life Science Marketing Group – Making Conferences Work for Your Business - [register](#)
- 13 October | VIC Workshop Growing with Underlying Principles of Drug Development in Mind - [register](#)
- 20 October | Employer of Choice Webinar - [register](#)
- 21 October | One Nucleus Regional Life Sciences Dinner - [register](#)
- 6 December | Genesis Digital 2021: From 6 December - [register](#)
- 9 December | Genesis London 2021 - [register](#)

## One Nucleus Training Courses

- 08-09 September | Online Introduction to Drug Development: From Candidate Selection to Patients in Healthcare - [register](#)
- 22-23 September | Online Biological Safety: Management and Practice (IOSH Approved) 2 day course - [register](#)
- 29 September | Online Laboratory Health and Safety - [register](#)
- 13 October | Presentation Skills for Scientists - Save the date - [contact us](#)
- 25 November | Introduction to Drug Discovery – From Idea to Clinical Candidate - [contact us](#)

## Industry Events

- 8 September | Webinar: Effective Scale-Up and Technology Transfer Strategies for Spray Dried Amorphous Dispersions - [find out more](#)
- 8 September | Cambridge New Therapeutics Forum (CamNTF) - [find out more](#)
- 9 September | Startup Springboard - [find out more](#)
- 16 September | Second Metrion Webinar – Professor Stephen Tucker - [find out more](#)
- 20-23 September | **Member Discount** : BioPharm America Digital - [find out more](#)
- 27-29 September | **Member Discount** : Knowledge for Growth - [find out more](#)
- 5 October | **Member Discount** : Silverstone Technology Cluster Annual Conference 2021 - [find out more](#)

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# Member Webinar Highlight



With Genesis 2021 now in the approaching, now may be a good time to reflect on the 2020 session 'How are Pharma Deals Evolving?' with a really good contribution from Fish&Richardson on their US perspective. The discussion covered the changes in making remote deals and slight shift in power balance to biotechs thanks to the rising investor's interest. The full discussion is available [here](#) and don't miss the 2021 follow-up at [Genesis](#) on 9 December.

## Deal of the Month

### Healx and Ono Pharmaceuticals – AI drug discovery in action

Cambridge based AI company Healx announced an exciting partnership with Japanese pharma company Ono Pharmaceuticals.

Healx are experts in the field of AI-powered drug discovery and development and have built a suite of frontier technologies to rapidly identify and progress new therapies for some of the 95% of rare diseases currently without an approved treatment. To address huge unmet needs, targeting the rare disease space was an excellent way to generate large volumes of data on various mechanisms and drugs that are now proving very relevant to cover more common disease signatures. This partnership aims to support Ono Pharmaceuticals in finding multiple new therapeutic indications for Ono's proprietary assets as well as expand the precision medicine and drug discovery capabilities of Healx in the rare disease space.

Read the full [press release here](#).

## Funding & Support

The Eastern AHSN just released a very useful tool for innovators across the life sciences spectrum.

The [Funding update](#) is a compilation of all grants offered by by Innovate UK, NIHR, UKRI and local funds to fund projects in medtech and life sciences with relevant deadlines and funding available.

And for those needing additional help with grant writing or expert connection, the report points to relevant support in the East of England with EAHSN or Innovate UK Edge.