

# LIFE SCIENCES IN THE NORTH EAST OF SCOTLAND

## INDUSTRY SHOWCASE

# 2025

Created by Scottish  
Universities Life Sciences  
Alliance

[www.sulsa.ac.uk](http://www.sulsa.ac.uk) 







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# ABOUT SULSA

The Scottish Universities Life Sciences Alliance (SULSA) was established in 2004 by the Scottish Funding Council and 6 Scottish Universities to encourage researchers across Scottish higher education to pool resources and collaborate in order to increase international competition.

Now, as a strategic partnership of 12 universities and 1 research institution, SULSA acts as a gateway into the connected and vibrant life sciences research community in Scotland and supports equal access for career progression and collaborative research opportunities across our member institutions.

## Behind the scenes, the SULSA team:

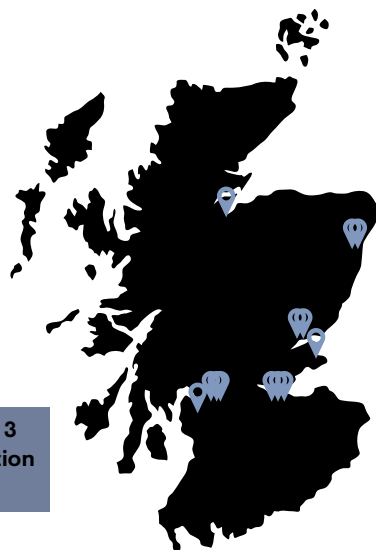
- Work at a national and international level to support and promote life sciences research and its applications in solving real-world challenges
- Coordinate training events that enhance the skills, network and knowledge of life sciences researchers in Scotland and support their career development
- Support early stage research and innovation in Scottish universities through our funding calls, network building, and facilitation of cross-university consortia bids
- Work collaboratively across the wider ecosystem of academia, industry and public sector to advance Scotland's life sciences vision of being a global leader

**SULSA represents the entirety of the life sciences community, encompassing research on humans, plants, animals, and microbes.**

**We have ambitious goals and aim to achieve these, in alignment with university strategies, under four key pillars:**

1. International Network
2. Inter/Multidisciplinary Knowledge Exchange
3. Innovation
4. Inclusivity and Improved Research Culture

**SULSA Has 13  
Higher Education  
Members**



# ABOUT NORTH EAST OF SCOTLAND

The life sciences landscape in the North-East of Scotland is vibrant and rapidly evolving. The region is emerging as a dynamic hub, with clusters of high-value activity in Dundee, Aberdeen, and Inverness. As a key part of Scotland's broader life sciences ecosystem, the Northeast is helping to shape the future of health and life sciences on the international stage.

**Dundee**, just south of Aberdeen, complements this landscape with world-renowned expertise in drug discovery and precision medicine, particularly through the University of Dundee's Drug Discovery Unit and its close ties to NHS Tayside. Dundee also leads in medical technology, with a strong pipeline of spinouts and collaborative clinical trials. A dedicated life sciences and healthcare coordinator, BioDundee, was established to drive the sector forward and encourage continued growth.

**Aberdeen's** life sciences are anchored by the £40 million ONE BioHub at Foresterhill Health Campus. This state-of-the-art facility is central to the goal of doubling the number of life sciences companies in the region by 2027. The University of Aberdeen, Robert Gordon University, and the James Hutton Institute support strengths in biologics, digital health, nutrition, and medical imaging. Over 2,500 professionals work across the life sciences sector in the area, and recent years have seen over £280 million in investment — a key contributor to regional economic diversification.



**Inverness** hosts the main campus of the University of the Highlands and Islands, which has strong links with Highlands and Islands Enterprise. Together, they are the driving force of the region's life sciences sector, focusing on health data analytics and remote care technologies for human and animal wellbeing through the development of the Life Sciences Innovation Centre. The city's strategic location has made it a key site for testing rural health solutions and digital therapeutics.

Together, these centres position the North-East of Scotland as a life sciences powerhouse. With educational institutions tailoring training to industry needs, and socioeconomic pressures encouraging innovation-led growth, the region is poised to play a transformative role in Scotland's economic and healthcare future.

# NORTH EAST OF SCOTLAND UNIVERSITIES

## University of Aberdeen

The University of Aberdeen was founded in 1495 making it the fifth-oldest university in the English-speaking world. Within the UK the University is regularly ranked in top 20 universities according to the Times/Sunday Times Good University Guide and is 12th according to the Guardian University Guide. The main campus is in Old Aberdeen where the School of Biological Sciences is situated whose research addresses the fundamental biological consequences of environmental change. The School of Medicine, Medical Sciences and Nutrition is just over a mile away at the Foresterhill medical campus and is directed toward world class medical research.

- **Cardiometabolic Disease**
- **Nutrition, Obesity and Disease**
- **Health Economics**
- **Cell and Developmental Biology**
- **Cancer**



## University of Dundee

Recognised as one of Europe's most innovative universities. University of Dundee are known for major technological breakthroughs from keyhole surgery to space technology, health informatics, new treatments for neglected tropical diseases and design-led innovation. Their over 3,000 staff include a research community of almost 500 academic staff, approximately 700 research staff and almost 800 PhD students. University of Dundee is home to the MRC Protein Phosphorylation Unit, Wellcome Centre for Anti-Infectives Research and the Centre for Targeted Protein Degradation.

- **Neurodegeneration**
- **Drug Discovery**
- **Health Data Science**
- **Cellular Medicine**
- **Inflammation and Pain**



**University  
of Dundee**

## Robert Gordon University

The Robert Gordon University (RGU) has a heritage going back 250 years and was granted University status in 1992. RGUs Strategy reflect the significant strengths that make RGU distinctive; through the provision of demand-led teaching and research. The overarching aims demonstrate the University's contribution to economic, social and cultural development. RGU's life sciences comprises health sciences, nursing and midwifery, and pharmacy.

- Nutrition
- Natural Products Research
- Nutraceuticals
- Cancer
- Vascular Disease



## University of St Andrews

Seven centuries of history link the students with the town, leading to the ancient and yet modern institution apparent today. In 2023, the University of St Andrews was the leading university in the UK, according to both The Times and The Guardian University Guides 2024. Their life sciences offering spans across biology, psychology and neuroscience, medicine and chemistry.

- Biophotonics
- Neurodegeneration
- Biomarker Discovery
- Chemical Biology
- Marine Science



University of  
St Andrews

# University of the Highlands and Islands

The University of the Highlands and Islands is a Federation of ten Academic Partners spanning the entire Highlands and Islands region. The university incorporates both Further and Higher Education and currently has more than 36,000 students. Their life sciences spans health research and innovation to marine and environmental science and engineering.

- Marine and Ocean Sciences
- One Health
- Blue Economy
- Medical Nanotechnology
- Pharmaceutical Remediation



## James Hutton Institute

The James Hutton Institute is a well-respected and globally recognised research organisation delivering fundamental and applied science to drive the sustainable use of land and natural resources. As of January 2022, the Institute has 518 employees, of which 387 are in science-related roles. It also supports around 2,130 jobs in Scotland and 3,280 jobs in the UK. JHI is home to the International Barley Hub, Advanced Plant Growth Centre, Centre for Sustainable Cropping and the Commonwealth Potato Collection.

- Plant Cell and Molecular Biology
- Environmental Sciences
- Ecological Sciences
- Crop Protection and Food Security
- Economic and Geographical Sciences





# ECOSYSTEM ENABLERS

## Opportunity North East (ONE)



Opportunity North East (ONE) drives action and investment in entrepreneurship and innovation, curating the life sciences ecosystem in north east Scotland. The region is recognised for translating world-class research into solutions for global epidemics, including dementia, antimicrobial resistance, heart disease and cancer.

ONE BioHub in Aberdeen is home to the life sciences entrepreneurial ecosystem in North East Scotland. Located at Foresterhill Campus — one of Europe's largest combined health research and teaching sites – it offers offices, labs, and 3,000m<sup>2</sup> of development space, supporting the region's ambition to double its company cluster.

ONE has established links with the NHS, University of Aberdeen and other regional and national stakeholders to accelerate entrepreneurship and support the creation and growth of innovative businesses. Through this collaborative approach, entrepreneurs benefit from access to cutting-edge research, clinical expertise, and technical expertise.

[www.opportunitynortheast.com](http://www.opportunitynortheast.com)

**Aberdeen**

## Highlands and Islands Enterprise (HIE)



Highlands and Islands Enterprise (HIE) is the Scottish Government's economic and community development agency for a region covering more than half of Scotland, including more than 90 inhabited islands. We work with communities, enterprises, and stakeholders to unlock our region's potential for growth and progress, while driving fair work and net zero practices. We offer support and investment to organisations in the life sciences sector, including human and animal health, biotechnology, agritech and aquaculture — especially those that develop innovative products or services.

[www.hie.co.uk/our-region/our-growth-sectors/life-sciences/](http://www.hie.co.uk/our-region/our-growth-sectors/life-sciences/)

**Inverness**

## Converge

## CONVERGE

Converge works in close partnership with Scotland's universities to support staff, students and recent graduates to transform their ideas into thriving sustainable businesses.

With an established and expanding network, Converge offers opportunities to develop skills, experience and connections at the earliest stages of the entrepreneurial journey to fast track future business success. Our unique model to support entrepreneurship across universities is designed to accelerate the pipeline of emerging spinouts and start-ups in Scotland.

[www.convergechallenge.com](http://www.convergechallenge.com)

Edinburgh

## KTP Centre



North of Scotland  
**KTP Centre**  
Innovation through collaboration

The Knowledge Transfer Partnership programme, funded by Innovate UK, has been helping UK businesses collaborate with academic partners to innovate for business growth for years, connecting businesses, not-for-profit and public sector organisations that have an innovation idea with the academic expertise to help deliver it. The North of Scotland KTP Centre works closely with the partnership teams to support the full KTP project lifecycle, from proposal development and submission through to project administration and reporting. Come and speak to us to find out how KTPs can help your organisation to grow, and fast-track your career development!

[www.ktpnorth.scot](http://www.ktpnorth.scot)

Aberdeen

# Marine Directorate



The Marine Directorate plays a central role in delivering the Scottish Government's Blue Economy Vision by using science and innovation to support sustainable management of Scotland's marine and freshwater environments. The Marine Directorates scientists, engineers, and analysts provide vital data, research, and evidence to inform decisions on marine policy, regulation, and development. Through collaboration with Chief Scientific Advisor Marine, academia, industry, and global partners, the Marine Directorate helps Scotland respond to climate and biodiversity challenges while advancing a thriving, sustainable marine economy.

[www.gov.scot/about/how-government-is-run/directorates/marine-scotland](http://www.gov.scot/about/how-government-is-run/directorates/marine-scotland)

**Aberdeen**

# Scottish Association for Marine Science (Oban)



SAMS Enterprise is the commercial arm of the Scottish Association for Marine Science, dedicated to transforming cutting-edge marine research into real-world solutions that benefit people and the planet. Our work in environmental monitoring, aquaculture, restoration and marine renewables directly supports climate resilience, biodiversity conservation and responsible industry practices, while supporting local communities. All our profits are reinvested in the group for impactful research projects.

[www.sams.ac.uk](http://www.sams.ac.uk)

**Oban**

# INDUSTRY SHOWCASE

## Amiculum



AMICULUM works with the global healthcare industry to bring science to life across the product lifecycle from early opportunity assessment through to launch and beyond. Working in partnership with our clients and the global medical community, our mission is to ensure medical innovations get to patients to enable the transformation of health. We have expertise in many specialist areas, including medical strategy and education, healthcare marketing, patient engagement, market access/health economics and AI and digital engagement. We work with client teams across functions and at both Global and regional levels, including presence in the pan-Asia market. To find out more about life at AMICULUM, visit our careers website: <https://careers.amiculum.biz/>

[www.amiculum.biz](http://www.amiculum.biz)

Dundee

## Cellexus



Cellexus manufactures the only single-use, purely airlift bioreactor range – the CellMaker – designed to simplify and accelerate bioprocessing. Our systems reduce complexity and cost while enabling scalable, low-shear, and highly efficient cultivation across a wide range of applications.

[www.cellexus.com](http://www.cellexus.com)

Dundee

## Elasmogen



Elasmogen is a therapeutic biologics company developing multi-functional therapies for autoimmune diseases based on our proprietary soloMER drug engine. Our lead product is a first-in-class anti-TNF $\alpha$ /JAKi drug conjugate, ELN28, which has been designed to treat autoimmune patients with poorly controlled disease by providing rapid control and long-term disease remission. ELN28 targets drug to the site of inflammation where it neutralises soluble TNF $\alpha$  and specifically delivers Janus kinase inhibitor. The company has also leveraged its soloMER technology to develop differentiated targeted radiotherapy products for solid tumour cancers.

[www.elasmogen.com](http://www.elasmogen.com)

Aberdeen

## EpitogenX



EpitogenX is an innovative biotech company leveraging AI-powered multiplexing technology to revolutionize diagnostics. We develop accurate, affordable assays tailored for hard-to-diagnose diseases, including vector-borne infections and autoimmune conditions. Our goal is to improve early detection and patient outcomes through next-generation diagnostic solutions.

[www.epitogenx.com](http://www.epitogenx.com)

Aberdeen

## Frontier Science Scotland



Frontier Science Scotland is a not-for-profit contract research organisation (CRO) committed to raising the bar when it comes to designing, running and analysing the results of clinical trials. We specialise in data management, biostatistics, and quality services, and over the two decades we've been in business, we've seen first-hand how our work can directly impact patient wellbeing. It's this — along with our drive to advance clinical trial innovation and education — that motivates us.

[www.frontierscience.co.uk](http://www.frontierscience.co.uk)

Kincraig

## Kelpie Scientific



Moving forward to a brighter, more efficient and environmentally sustainable future is not achievable without innovation. We support and actively encourage new ideas and approaches to environmental queries which is key to achieving solutions that work to achieve client objectives and sustainability.

[www.kelpiescientific.com](http://www.kelpiescientific.com)

St Andrews

# Mylnefield Lipid Analysis



Mylnefield Lipid Analysis (part of James Hutton Institute Scientific Services) is a leading, internationally recognised laboratory for the specialist analysis of oils and fats. We offer fully independent analysis at all stages of the lipid supply chain, helping clients to meet commercial, regulatory or research requirements. We analyse lipid materials ranging from nutraceuticals to biofuels and oil seeds to clinical samples in a wide variety of matrices, and our offerings include oil content and fatty acid profile, oil quality parameters and conformance to specification, stability testing and degradation/contamination identification.

[www.lipid.co.uk](http://www.lipid.co.uk)

**Dundee**

## NCIMB



NCIMB is a biotechnology company providing innovative microbial solutions for life sciences, food & drink, energy, and environmental businesses. We supply, identify, characterise, quantify and store microorganisms to support and de-risk our client's process and product development. Our commitment to customer service sits at the heart of our offering.

[www.ncimb.com](http://www.ncimb.com)

**Aberdeen**

## Novabiotics



NovaBiotics, a biotechnology group comprising NovaBiotics Ltd and NovaBiotics Consumer Health Ltd, designs, develops and commercialises first-in-class solutions for unmet health and personal care needs.

[www.novabiotics.co.uk](http://www.novabiotics.co.uk)

**Aberdeen**

## Pharmaq Analytiq



Based in Inverness, PHARMAQ Analytiq is a leading provider of diagnostic services including histopathology, PCR, next-generation sequencing and microbiology to aquaculture producers in the United Kingdom and internationally. PHARMAQ Analytiq is one division of PHARMAQ, the largest company globally in aquaculture health and whose portfolio includes vaccines, therapeutics, diagnostics and vaccination equipment. PHARMAQ is part of Zoetis, the world's leading animal health company.

[www.pharmaq.com/en/analytiq](http://www.pharmaq.com/en/analytiq)

Inverness

## Platinum Discovery



Platinum Discovery is a research partner whose mission is to accelerate the development of cancer and autoimmune therapies using modern proteogenomics, advanced biologics, and data science technologies. Our comprehensive proteogenomics solutions enable research groups to derive meaningful insights from diverse datasets. Our expertise expedites the identification of novel drug targets, biomarkers, neoantigens, and therapeutic strategies, accelerating the development of effective and personalized treatments.

[www.pt-discovery.com](http://www.pt-discovery.com)

Dundee

## Pneumagen



Pneumagen is a clinical phase (Phase 2) infectious disease company focused on the development of Neumifil — a broad spectrum, intra nasal, rapid acting, anti-viral for the prevention of viral infections & exacerbations in patients with a range of respiratory conditions. We announced positive results from our highly successful Phase 2, Proof of Concept, Controlled Human Infection Model (CHIM) study where patients were challenged with influenza virus following administration of Neumifil. This builds on the successful Phase 1 study. We are now moving further into clinic development.

[www.pneumagen.com](http://www.pneumagen.com)

St Andrews

## Rethink Carbon

**rethink  
carbon.**

Founded in 2022, Rethink Carbon is a climate tech startup transforming land management for a sustainable future. Our user-friendly SaaS platform combines AI-assisted analysis with rich land data to help land managers make informed decisions that balance environmental, social, and commercial priorities. In a changing climate, land use is no longer just about profit — it's about building resilience and promoting sustainability. We're developing tools that benefit nature, the climate, and local communities. Our mission is to empower anyone connected to land — no matter their background or location — to make smart, sustainable choices.

[www.rethinkcarbon.co.uk](http://www.rethinkcarbon.co.uk)

**Aviemore**

## Scottish Biologics Facility



*An international hub for generating customised recombinant antibodies utilising the power of phage display technology*

The Scottish Biologics Facility (SBF) has developed an excellent reputation for generating antibodies from phage display libraries together with a variety of in-house "tool kits" specifically tailored to progress them to commercially viable assets.

By employing our bespoke selection strategies including Forced Epitope Selection (FESTM), lead monoclonal antibodies can be selected for diagnostic, imaging, therapeutic and reagent-tool purposes, from naïve or immunised phage display libraries.

[www.abdn.ac.uk/ims/technology-hubs/sbf/](http://www.abdn.ac.uk/ims/technology-hubs/sbf/)

**Aberdeen**

## Scottish Brain Sciences



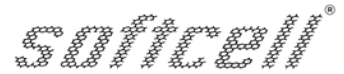
Scottish Brain Sciences delivers clinical trials of new tests and medicines that aim to detect brain disease early and treat it before it progresses to dementia. We provide a full-service model for clinical research, with dedicated brain health research centres, an in-house laboratory and imaging services. Our goal is to speed progress in the search for better Alzheimer's diagnostics and treatments so that everyone can enjoy better brain health for life.

[www.brainsciences.scot](http://www.brainsciences.scot)

**Edinburgh**



## Softcell



Softcell Medical is a medical technology company advancing an innovative health monitoring solution. Our patented technology, SentinelpH®, addresses a crucial clinical need by enabling real-time monitoring of cellular pH levels. By providing real-time insights into cellular metabolism, SentinelpH® has the potential to be offered as a valuable tool across multiple healthcare fields including trauma, emergency care, surgical procedures (such as neurosurgery, cardiac intensive care and orthopaedics), the battlefield, veterinary medicine and clinical research.

[www.softcellmedical.com](http://www.softcellmedical.com)

Aberdeen

## TauRx



TauRx is headquartered in Aberdeen in the North-East of Scotland. In partnership with the University of Aberdeen, it employs and develops academic, scientific, clinical, regulatory, quality, legal, financial and business people, and collaborations with other research organisations remain strong. The company recently completed its 4th Phase III global clinical trial. Over the past 20+ years, the dedicated team, led by CEO, Professor Wischik, has worked hard to develop a potentially pioneering drug for the treatment of Alzheimer's disease.

[www.taurx.com](http://www.taurx.com)

Aberdeen

## Tritonia Scientific



Tritonia Scientific is a company based near Oban that provides underwater clarity through the applied integration of frontier technologies associated with recent advances in marine robotics. These approaches support the generation of precisely georeferenced three dimensional digital twins that are creating a step change in how underwater environments and subsea structures can be surveyed and monitored.

[www.tritonia.scot](http://www.tritonia.scot)

Oban

# Waterside Pharmaceuticals



Waterside Pharmaceuticals is a licensed medicinal cannabis company based in the North East of Scotland, currently focused on cultivation and wholesale distribution under Home Office and MHRA authorisations. Our operations prioritise quality, patient safety, and sustainability, with cultivation underway in a fully indoor controlled environment. In future, we aim to expand with GMP certification, formulations manufacturing, and direct patient access through a fully integrated "seed to sale" model.

[www.waterside-pharma.com](http://www.waterside-pharma.com)

**Aberdeen**

## X-Genix



X-Genix's proprietary technology enables precision molecule editing. Leveraging our patented approach we are accelerating drug discovery. The ability to build molecules underpins modern society, providing modern materials, optoelectronics, pigments, agrochemicals and pharmaceuticals. Leveraging Engineering Biology and AI, X-Genix's technology enables, for the first time, the possibility to selectively activate and diversify almost any position at will on a drug like molecule. X-Genix are providing direct access to hard to reach chemical space for selected partners in the pharmaceutical industry whilst showcasing their technology in building their own pipeline of bioactive compounds.

[www.x-genix.com](http://www.x-genix.com)

**St Andrews**



