



# FIRST FOR PHARMA

North East England Pharmaceutical Community



An Overview of the Pharmaceutical Industry in North East England



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## An Overview of the Pharmaceutical Industry in North East England

The area is widely recognised for its established and dynamic pharmaceutical industry, and many of the companies situated here are amongst the world's largest pharmaceutical and biologics manufacturing names. These industry leaders are joined by smaller organisations in the fields of manufacturing, medical devices, assistive technology and health informatics that inject energy and creativity into the sector, providing an exciting global representation of the industry within 5,338 square miles.

All in all, the North East boasts a wide knowledge base in Oncology, Ageing & Health, Genetics, Plant Biotechnology, Stem Cells & Regenerative Medicine, Infectious Diseases, Biologics, Systems & Cell Biology, and Medical Devices.

Members of this site can make use of its community networking - including inter-company interaction, supply chain initiatives and peer-group discussion forums and blogs - resource database, job vacancies, FAQs and useful links.

Visitors and members alike will benefit from the organisational database, industry overviews, calendar of events and links to services offered by companies, large and small, in the North East area.



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- > North East England is one of the major global locations for the pharmaceutical industry, with 33% of the UK's pharmaceutical GDP generated within the region.
- > Healthcare and life sciences companies in North East England turn over £8bn a year, and the sector employs 16% of the region's population.
- > Newcastle University's Institute of Human Genetics is one of Europe's largest human genetics research centres and conducts world-leading research into embryonic, germline and adult stem cells.
- > The International Centre for Life is the UK's first biotechnology village. The 60,000 sq ft purpose-built site hosts a number of North East England's key research institutions and houses over 500 people involved in healthcare and life sciences.
- > The North East of England is the only centre in the world which has successfully carried out a nuclear transfer procedure in human embryos.
- > The four pioneering fields in North East England's healthcare and life sciences sector have world-leading skills and research capabilities.

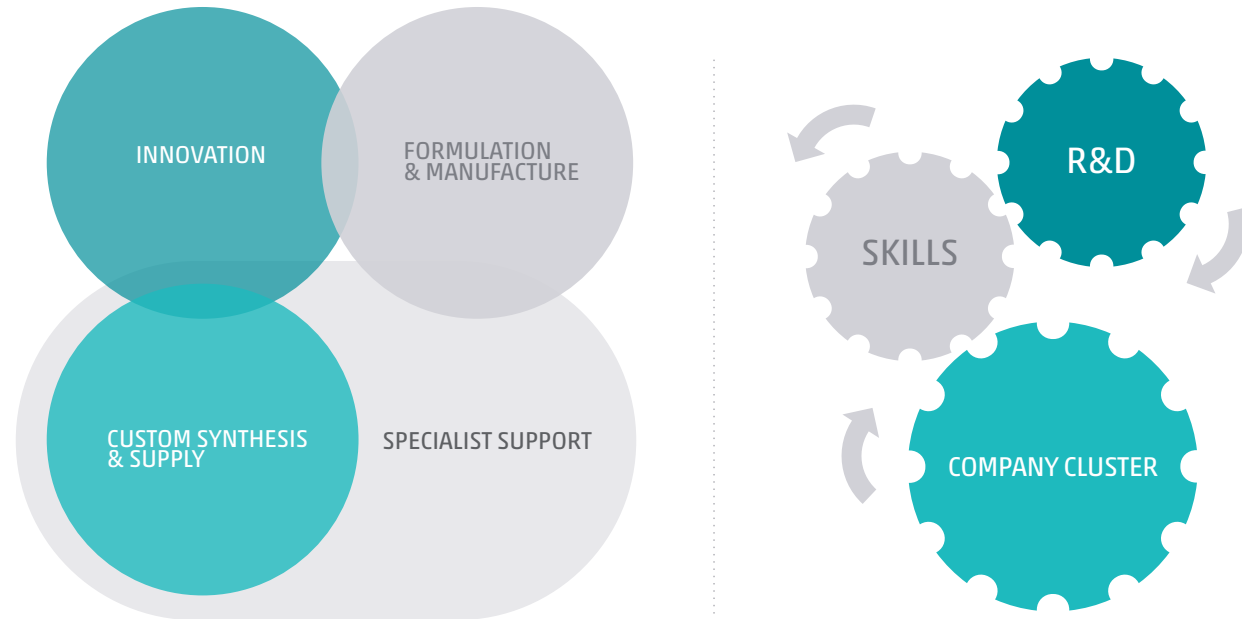
**These areas of expertise are:**

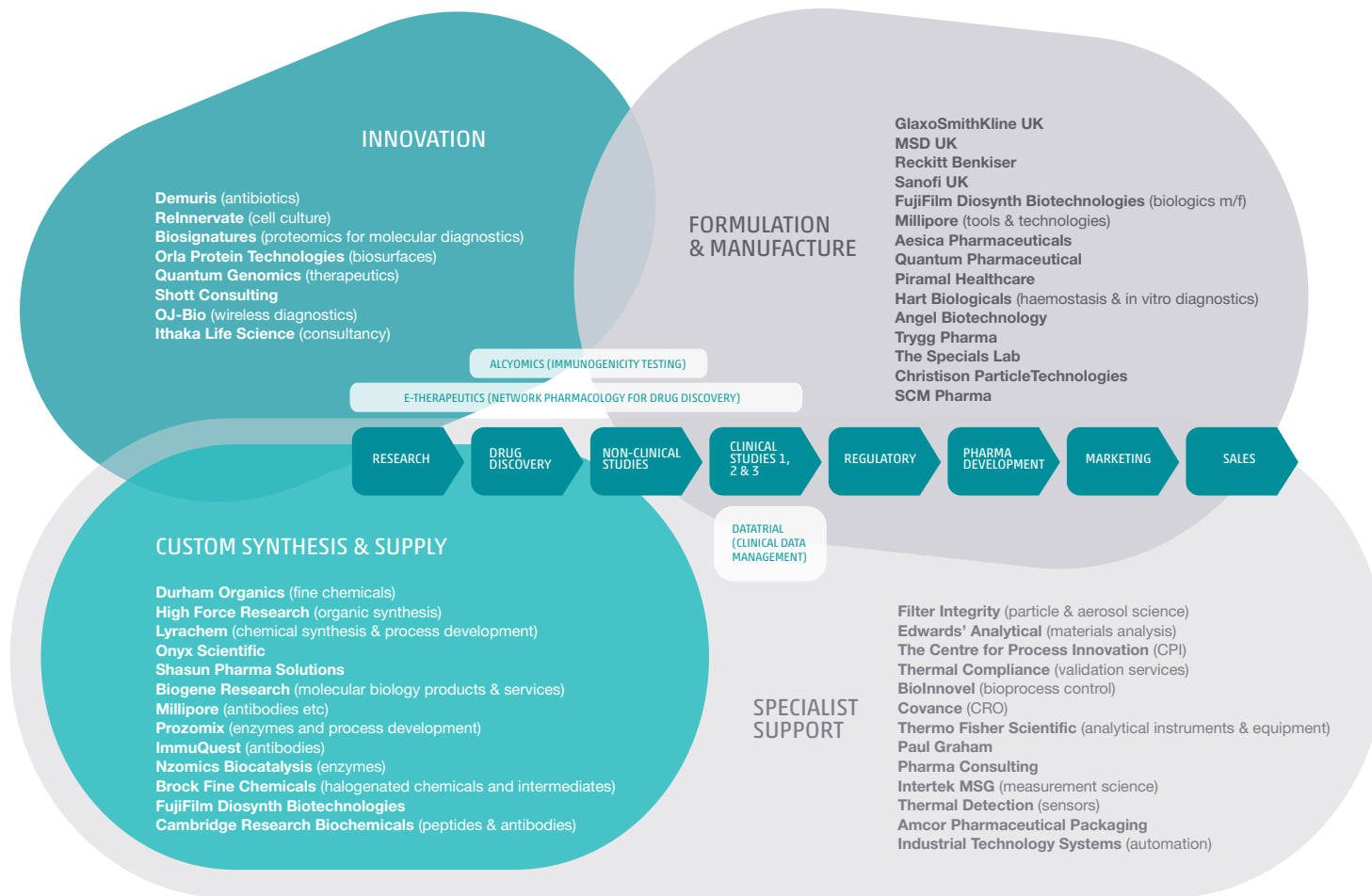
Stem cells and genetic research  
 Pharmaceuticals  
 Medical devices and assistive technology  
 Drug discovery and biomarkers.

- > North East England is a renowned hub for pharmaceutical manufacture with its extensive processing infrastructure.
- > The biopharmaceutical supply chain in North East England is estimated to have a combined turnover of more than £500m.
- > North East England is home to one of only three genetics research centres in the UK aimed at engendering fundamental improvements in human health.
- > The Institute for Ageing and Health plays host to the UK's largest interdisciplinary research group in the field of ageing and age-related illnesses.
- > There are around 55 medical and technology companies based in the region generating an estimated annual turnover of £98m.
- > The HealthConnect Network brings together healthcare and life sciences professionals and organisations to stimulate translational research, innovation and collaboration, as well as commercial opportunities.
- > NEPAF (the North East Proteome Analysis Facility) is a commercially-based analytical and research facility that supports academic researchers and professional companies through the provision of regionally-based world-class expertise in protein analysis and characterisation.
- > The Institute for Cell and Molecular Biosciences at Newcastle University is a world-leading centre of excellence in biosciences. The institute forms the focus of basic cellular and molecular biology at the university, integrating world-class research in prokaryotic and eukaryotic biology.



> The North East England Pharmaceutical Cluster. **Overview.**





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