Manchester:
Driving Research and Innovation
Through Partnerships

Manchester UK, has a wealth of world-class research and innovation assets and is the country’s first fully devolved health and social care system with a budget of $8bn. Under the coordination of Health Innovation Manchester, the city offers unique opportunities to develop partnerships which deliver research and innovation at pace and scale.

Devolution provides unique opportunities to improve the cost and quality of health care and transform health outcomes for nearly 3m residents. Health care is provided for free at the point of access for all UK residents by one provider, the National Health Service (NHS). All health care commissioning takes place locally offering businesses direct access to over 30 NHS service providers.

Some of the city’s partnership strengths are:

**Health Analytics**
Manchester is a recognised world leader in health analytics. The city’s unique data ecosystem allows researchers to monitor consenting patients in real-time, making it the perfect location to gain real-world evidence for pre-license medicine and shorten time to market. The region was the base for the Salford Lung Study, a world first in real-world trials. The Salford Lung Study provided evidence for one drug being more effective than the current treatment of asthma.

**MedTech**
The region has a strong cluster of existing MedTech companies including Hologic and Premaitha Health. Research institutes such as the Manchester Molecular Pathology Innovation Centre (MMPathIC) work in partnership with both SMEs and global corporates to refine the development pathway for diagnostics and translate discoveries into tests. Manchester is the home of the first commercial mass spectrometers and is now a world leader in this field with a dedicated research centre, the Michael Barber Centre for Mass Spectrometry. The city also offers opportunities to explore the medical applications of advanced materials such as graphene.

**Precision Medicine**
Manchester has attracted around $128m in grant income in the past five years for precision medicine focused on, genomics, proteomics, imaging, and biomarkers. The city is home to The Manchester Precision Medicine Institute which allows a range of professionals to work with patients to personalise their care. The $23m Stoller Biomarker Discovery Centre is industrialising the approach to finding new biomarkers of diagnosis, prognosis and responses to therapy in medicine. Finally, the Manchester Centre for Genomic Medicine is one of the largest and most comprehensive genetics units in Europe. The unit develops new tests and supports the development of genetic services internationally.

**Our Talent**
Manchester is home to one of the largest student bodies in Europe, with a student population of almost 100,000 across the city’s four universities. There are also a further 19 universities within an hour’s drive time of the city. 70% of the UK’s clinical lab scientists are trained in Manchester, and Manchester Metropolitan University trains the majority of health professionals allied to medical science.

**Our Population**
Manchester has an ethnically diverse, stable population of almost 3m with a further 9m falling within Manchester’s health catchment area. The city’s population has a higher than average prevalence of long-term conditions such as diabetes, chronic obstructive pulmonary disease and heart disease. There is a determination from stakeholders throughout the city to improve health outcomes for the population by accelerating the adoption and diffusion of innovations into the health and social care system.
Health Innovation Manchester has a world-leading set of partners including:

- **Health e-Research Centre (HeRC)**
  The health analytics capabilities of the Health e Research Centre and Farr Institute ensures anonymized data becomes a rich source of information for clinicians and innovators. It is home to the coordinating centre for the UK’s Connected Health Cities project. The project enables four cities to share information to improve health outcomes.
  
  \[ \text{herc.ac.uk} \]
  
  \[ \text{@HeRC_Farr} \]

- **Northern Health Science Alliance (NHSA)**
  is a single point of entry for health care industries interested in establishing biomedical research and innovation in the North of England. It brings together the North of England’s leading universities, NHS teaching hospitals and four Academic Health Science Networks in one health partnership. Uniting a 15m patient population, the NHSA can support industry in evaluating their new technology within the UK’s health provider, source academic or clinical partners for collaboration and support technology scouting across various institutions.

  \[ \text{thenhsa.co.uk} \]
  
  \[ \text{@The_NHSA} \]

- **NorthWest EHealth (NWEH)**
  NorthWest EHealth is an industry leader in the area of health analytics and electronic health record clinical trials. The company provided the technology which enabled the success of the Salford Lung Study and are the only organisation in the world to have evaluated the safety and effectiveness of a pre-license medicine in a real-world setting. They work with consenting patients who provide their data from primary and secondary care, community pharmacies and other data sources to deliver validated electronic health record randomised controlled trials, safely and securely.

  \[ \text{nweh.co.uk} \]
  
  \[ \text{@NWEHealth} \]

- **Bionow**
  Bionow is a membership organisation focused on supporting and enhancing the growth and competitiveness of the life science cluster in the North of England. They are committed to providing high-quality services that add tangible value to members’ operational activity and growth prospects. Their members include biotech, pharmaceutical, health care and medical device companies, and the specialist supply chain.

  \[ \text{bionow.co.uk} \]
  
  \[ \text{@Bionow} \]

- **TRUSTECH**
  TRUSTECH bridges the gap between the UK’s health care provider (the NHS), commissioners, and the commercial, academic and international health care sectors. Their aim is to improve the way in which the NHS operates by encouraging the development or adoption of innovative techniques, solutions, technologies and services for the benefit of all patients. TRUSTECH’s Innovation Nexus service is a gateway to holistic business growth support focused on the specialist needs of life science SMEs. They have worked with many international MedTech companies to help them develop and adapt their technologies for the UK market.

  \[ \text{trustech.org.uk} \]
  
  \[ \text{@TRUSTECH_NHS} \]
Manchester’s four universities produce over 33,000 graduates per year of which 40% remain in the region. The universities are all proactively engaged in establishing collaboration opportunities with life science organizations globally.

The University of Manchester is the UK’s largest single-site university, ranks 34th in the QS World University Rankings and is a founder member of Health Innovation Manchester. The University undertakes multidisciplinary research through collaborations with partners worldwide to tackle some of society’s most pressing problems. Home to over 2,000 researchers, the university’s size and scale enable unparalleled interdisciplinary inquiry.

manchester.ac.uk
@OfficialUoM

Salford University attracts collaboration with global health and social care organizations and is constantly looking to develop relationships. Industry is able to access Salford’s state-of-the-art facilities such as their digital imaging suite, psychology labs, and prosthetics and orthotics lab.

salford.ac.uk
@SalfordUni

Manchester Metropolitan University has a long and proud history of working with the very best health providers in the UK and abroad. Its ambition is to build on the expertise within the University and partnerships to make a positive impact, contributing to the future design, development and delivery of systemic health care outcomes which improve the health and wellbeing of individuals, families and communities.

mmu.ac.uk
@ManMetUni

Bolton University’s Centre for Research in Health and Wellbeing provides research and public engagement to improve communities health and wellbeing. Research is based upon collaborative partnerships and community involvement. The team has expertise in evaluation, needs assessment, service user involvement, participation and innovation.

bolton.ac.uk
@BoltonUni
Manchester has a wide variety of property, innovation and research assets connected to key life science hubs by Manchester Airport which flies direct to over 200 destinations.

**Key Facts**

- **Direct flights to 200+ destinations including San Francisco and Boston**
- **2 hours** to London
- **Access to 20 million consumers within 2 hours’ drive.**
- **13,405** life sciences & allied subjects graduates
- **1 of 4** Health eResearch Centres forming the UK Farr Institute
- **Home to the National Institute for Health and Care Excellence (NICE)**
- **$8bn** health & social care budget
- **2 hours’ drive.**
- **157,000** health & social care workforce
- **1 of 4** Health eResearch Centres forming the UK Farr Institute
- **Home to the National Institute for Health and Care Excellence (NICE)**
- **2,000+** foreign-owned companies
- **200+** life sciences & allied subjects graduates
- **1 of 4** Health eResearch Centres forming the UK Farr Institute
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- **2,000+** foreign-owned companies

**Globally Connected**

Manchester is globally connected, with direct flights to over 200 destinations.
Corridor Manchester
Corridor Manchester is on course to become one of the top five innovation districts in Europe. It is home to a wealth of knowledge intensive organisations operating in a range of areas including health, higher education and advanced materials. The Corridor is also the site of the UK’s multi million pound 'smart city' Internet of Things technology demonstrator, CityVerve, which will deploy technologies that allow for rapid scalability and interoperability, and the virtualization of data.
corridormanchester.com | @corridormcr

Manchester Science Partnerships (MSP)
MSP is home to a unique community of scientists, innovators, investors and entrepreneurs. By putting collaboration first and providing access to specialist finance, talent, markets, networks and investors, MSP is able to support the acceleration of business growth through innovation.
As the UK’s leading science and technology park operator, MSP is home to more than 300 high growth businesses and offers everything from specialist incubation centers to bespoke build laboratories and international centers of R&D excellence.
mspl.co.uk | @TweetsbyMSP

MediaCityUK
An eclectic and exciting mix of over 200 businesses call MediaCityUK their home. From global celebrated brands like the BBC, ITV and Bupa to SMEs such as Now Healthcare, MediaCityUK combines all cross-sections of the digital creative industry to create a unique environment where SMEs and corporates can thrive. The Landing, a space specifically designed for SMEs, is home to initiatives such as PwC’s Future of Health Accelerator and Barclays Eagle Labs.
mediacityuk.co.uk | @MediaCityUK

*Companies located in the Enterprise Zone will benefit from business rate discounts, super-fast broadband and simplified planning procedures.
Airport City*
Airport City Manchester is one of the most exciting business destinations in development today. The total planning area of Airport City Manchester comprises of approximately 5m sq. ft. GFA, with a total development cost of $800m and value of $1000m. The site encompasses offices, advanced manufacturing and logistics facilities, along with hotels and ancillary retail. Directly adjacent to Manchester Airport, it is perfectly positioned for business with the UK, Europe and the world.
airportcity.co.uk | @AirportCityUK

The Christie
The Christie is renowned as a world pioneer in the care, treatment and research of cancer. The largest single-site cancer center in Europe, The Christie treats more than 44,000 patients a year and has one of the largest trial portfolios in the UK, with over 550 active clinical trials.
christie.nhs.uk | @TheChristieNHS

Salford Royal NHS Group
Salford Royal NHS Foundation Trust is England’s only fully e-enabled health trust placing it at the forefront of health informatics. The Trust formed the test bed of the world's first large-scale, real-world clinical trial – The Salford Lung Study.
srft.nhs.uk | @SalfordRoyalNHS

The largest NHS cluster in the UK
Manchester is home to a cluster of leading general and specialist hospitals including:

Central Manchester University Hospitals NHS Foundation Trust (CMFT)*
Home to five specialist hospitals, including the largest children's hospital in the UK and a leading centre for genomic medicine, the trust is a leading provider of tertiary and specialist health care treating over a million patients a year.
The Trust is also home to MSP's Citylabs campus which is currently under expansion, enabling health and medical technology companies to grow and co-create new health products, in collaboration with the UK's health care provider.
cmft.nhs.uk | @CMFTNHS

Hello Manchester is a service that offers free or discounted office space, professional services as well as preferential hotel and restaurant rates to overseas investors. This ‘soft landing’ initiative enables companies to establish a foothold in Europe's top city for business competitiveness with minimal risk and cost. All of this is underpinned by a vibrant quality of life and complimentary business support from MIDAS.
To find out more contact: info@midas.org.uk

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