

# Press release: Industrial strategy delivers new vaccines manufacturing centre to lead the fight against deadly disease

- The UK's first-ever dedicated Vaccines Manufacturing Innovation Centre will ensure the UK life sciences industry remains at the forefront of worldwide efforts to tackle life-threatening diseases, including Ebola
- the centre will be built in Oxford, creating more than 50 jobs in the local area
- through the modern [Industrial Strategy](#), the government is investing £66 million through UK Research and Innovation in the centre to help make Britain the best place in the world for innovators, including new treatments to help people live longer, healthier and happier lives through the Life Sciences Sector Deal

Ebola and Lassa fever are among the deadly diseases to be tackled in a pioneering new UK vaccine centre, Business Secretary Greg Clark announced today (Saturday 1 December).

Based in Oxford, the Vaccines Manufacturing Innovation Centre will help to tackle disease worldwide as well as further boosting the growth of the UK's £70 billion life sciences industry.

Business Secretary Greg Clark said:

More than 200 years ago the UK pioneered the first vaccine and with it, smallpox was eradicated. Now as the world is threatened by killers such as Ebola and Lassa fever we will build on our significant heritage and history to fight against them with our unmatched reputation for medical research and innovation.

The government is investing in pioneering vaccine manufacturing as part of our modern Industrial Strategy to create more highly skilled jobs, place the NHS at the forefront of cutting-edge technologies and deliver the biggest increase in public investment in research and development in UK history.

The availability of safe, effective and economical vaccines is an important pillar of world health. Alongside more familiar diseases, populations globally are threatened by new outbreaks of diseases such as Ebola and Lassa fever. In the Democratic Republic of the Congo, for example, an outbreak of Ebola beginning last August has resulted in 357 confirmed cases and 186 deaths, while this year a Lassa fever outbreak in Nigeria has resulted in 553 confirmed cases and 143 deaths. There are presently no licensed vaccines

available for these diseases.

The UK's world-leading research and innovation expertise is ideally placed to create new, cost-effective ways of developing and manufacturing vaccines for global distribution, as well as ensuring the UK's own preparedness in the event of a pandemic. The centre is expected to open in 2022, with the first products from the centre expected later that year.

Public Health Minister Steve Brine said:

It is no exaggeration to say that vaccines are a modern marvel and their introduction catapulted our healthcare system years ahead. Just this year we celebrated 50 years on from the introduction of the measles vaccine, which has potentially averted 20 million measles cases and 4,500 deaths.

While all vaccines save millions of lives around the world every year, we cannot get complacent. There are still too many debilitating diseases that take thousands of lives each year – but through investments like this we can strengthen our efforts and stop more diseases in their tracks.

UK Research and Innovation Chief Executive Professor Sir Mark Walport said:

Improving the development, production and application of new vaccines against infectious diseases requires expertise and collaboration across academia and industry.

The Vaccines Manufacturing Centre will play an important role in bringing expertise from industry and academia together to ensure we are prepared to respond to the threats of serious infections, including viruses with the potential to cause major national or global epidemics.

Led by the Jenner Institute, a partnership between the University of Oxford and the Pirbright Institute, the new centre has been awarded funding by [UK Research and Innovation](#) of £66 million through the UK government's Industrial Strategy Challenge Fund (ISCF) Medicines Manufacturing challenge.

Jenner Institute Director, Professor Adrian Hill, said:

This is an exceptional opportunity for the UK to lead in the provision of vaccines against a wide range of outbreak pathogens which threaten to cause major epidemics. The lack of commercial incentive to develop these has now led to this exceptional partnership of major academic and industrial players in the vaccine field, to accelerate a range of vaccines towards large-scale manufacture and stockpile provision for vulnerable populations.

In parallel, the Centre will develop innovative manufacturing technologies with UK companies and universities to support the next generation of life-saving preventive and therapeutic vaccines.

The Industrial Strategy Challenge Fund aims to bring together the UK's world-leading research with business to meet the major industrial and societal challenges of our time, backed by the biggest increase in public research and development investment in UK history. The investment marks a significant step in delivering on a major commitment in the Life Sciences Sector Deal, a partnership between government and industry ensuring the UK remains at the forefront of developing innovative new treatments and medical technologies to improve patients' lives.

Additional funding of £10 million will come from commercial and other partners, including Janssen Vaccines & Prevention B.V. and Merck Sharp and Dohme. The centre will be further supported by expertise and training from GE Healthcare.

The core research teams will be drawn from academia and industry and will include significant new contributions from the London School of Hygiene & Tropical Medicine and Imperial College London as well as the University of Oxford. The programme will also benefit from access to technologies and intellectual property created by the partners.