Rapid diagnosis is just a breath away

Cancer researchers, clinicians and scientists have been challenging themselves away from the laboratory to develop new breath tests that can detect lung cancer at an early stage. At the Leicester Victoria Park, raising £3,000 for Cancer Research UK.

PEACE Study: Cancer patients supporting cutting-edge research by donating tissues after death

The Consortium, East Midlands, has set up the PEACE Study to recruit terminally ill patients to donate tissues for research. This study is part of a national initiative to expand the first ever approach to beating cancer, tissue donation in CancEr (Tissue Donation in CancEr). Doctors will invite terminally ill patients who are willing to donate tissues from their body after death. They will be asked to discuss the idea with their families before deciding to be part of this pioneering research. It aims to understand how cancer changes and evolves in advanced stages of the disease to help develop better treatments for cancer that has spread.

‘Mud’ scientists run wild

The University of Leicester has been awarded £1.7 million by Cancer Research UK over the next 5 years to speed up the time turning research into cancer treatments for patients.

This study, led by Professor Martin Dyer and Dr Harriet Walter, opened in January 2012 and 90 patients were enrolled in different centres in the UK and in France, with 28 coming from Leicester. Patients with CLL showed the best response and most of them are still on the study after 3 years, and remarkably without notable toxicities.

Clinicians from the University of Leicester and Leicester's Hospitals have treated patients with blood cancer. This clinical trial, a first-in-man study, looked at the efficacy of a new inhibitor, ONO/GO-4059, in the treatment of Chronic Lymphocytic Leukaemia (CLL) and Non-Hodgkin Lymphoma (NHL) patients that have not been responsive to current chemotherapies.

Lest-ah is becoming a global brand

Thanks to two fairy tale stories, one involving the King in the car park (Richard III) and the other an unbelievable sporting achievement - Leicester is now firmly on the global map.

£1.7 million to speed up cancer treatment

THE UNIVERSITY OF LEICESTER has been awarded £1.7 million by Cancer Research UK over the next 5 years to speed up the time turning research into cancer treatments for patients.

It has been awarded through a new organisation, the Centres Accelerator Award for research to crack the structure of molecules involved in cancer and to develop drugs. It is a new initiative by the charity and provides additional help to research centres in a bid to unite scientists, boost laboratory productivity and promote “bench to bedside” science.

The University of Leicester will combine expertise with the Institute of Cancer Research, the University of Manchester, the University of Glasgow, Queens University Belfast and the University of Leeds. Professor Catrin Pritchard, Science Director at the Cancer Research UK Centres Accelerator Award, said, “The award was launched with a national conference, sponsored by Cancer Research UK. ‘Accelerating cancer drug discovery through structural biology’ held in January 2016 at the University of Leeds.

The conference attracted over 100 delegates from across the UK and received excellent feedback from those who attended.

Professor Laurence Pearl, FRS from the University of Sussex gave a keynote lecture, finalising the conference proceedings and marking the start of this auspicious award.

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LEICESTER LEADS THE WORLD

Leicester heralded as most diverse city in England

- Lessons to be learned from the city as well as Premier League winning football team

THE WORLD has been beating a path to Leicester’s door in wonder of how the team that narrowly missed relegation in 2015, won the Premier League in 2016. However, people will find that it is not just football that makes the city stand proud, as Leicester has plenty to share.

Leicester was chosen as the first stop on the Queen’s Diamond Jubilee tour in 2012 for good reason. With a population of 340,000, Leicester is the epitome of modern Britain, in the throes of re-emergence as an exciting and cosmopolitan city.

Outside of London, Leicester has the fastest business growth rate amongst UK cities – validation of its strong, entrepreneurial culture.

Leicester’s gross added value (a measure of economic production) grew by 22% between 2009 and 2014, generating plenty of jobs and drawing new residents to the city. Leicester and Leicestershire’s population grew by 17%, the fourth-highest rate in the country.

Immigration has contributed much to Leicester. So much so, it is now only one of three towns and cities outside of the capital to have a majority non-white British population.

Leicester is ethnically and culturally diverse with over 70 different languages and dialects being spoken. The large socio-economic spectrum of the city, with areas of wealth and severe deprivation are a microcosm of the UK and an ideal environment for health care research.

The County’s universities are among the country’s most entrepreneurial. Undergraduates are encouraged to develop their own ideas and the universities award seed money to support them.

Leicester has one of the biggest and busiest NHS Trusts in the country serving the population of Leicester, Leicestershire and Rutland.

University Hospitals of Leicester is nationally and internationally renowned for specialist treatments and services in cancer, cardio-respiratory diseases and diabetes.

Adapted from an article in The Economist May 7th, 2016 UK Edition.

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