

NEWS RELEASE - FOR IMMEDIATE RELEASE

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**Anglia Ruskin University Successfully uses Syngene Imaging System
For Teaching Applications and to Study Proteins Implicated in Diseases**

Cambridge, UK: Syngene, a world-leading manufacturer of image analysis solutions, today announced its G:BOX Chemi XRQ multi-application imager is being utilised at Anglia Ruskin University in Cambridge, UK as both a teaching tool and as part of research to analyse genes and proteins associated with diseases.

The G:BOX Chemi XRQ multi-application imager at Anglia Ruskin University, Cambridge is so flexible that it is being used for teaching post-graduates and as part of research projects to detect DNA and proteins on gels and blots. Researchers in the school are using the system to accurately analyse the signal molecules implicated in the pathogenesis of diseases and could help provide information for identifying novel therapeutic targets for treatment.

Dr Grisha Pirianov, Senior Lecturer in Biomedical Sciences at Anglia Ruskin University commented: "We were using ECL/X-ray films for imaging our chemi-luminescent Western blots, but this was costly, required a darkroom and it was difficult to obtain good quantitative results."

Grisha continued: "We are now using a G:BOX Chemi XRQ system regularly for research projects by PhD and post-doctoral scientists, as well as students on our Masters' course in Applied Biosciences because it is simple for everyone to set-up with their own secure logins so they can customise their exposure times with specific antibodies and store results on their own computers. This means we no longer need to optimise our imaging times because the best images with low backgrounds are automatically captured. Also, since the G:BOX Chemi XRQ is more sensitive than the ECL/X-ray film approach our protein quantification is more accurate."

To find out about the versatile range of applications a G:BOX Chemi XRQ can perform, please click this link: www.syngene.com/g-box-chemi-XRQ/

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“We’re delighted to hear that Anglia Ruskin University is using a G:BOX Chemi XRQ for both their vital research and teaching applications,” states Dr Martin Biggs, Sales Manager at Syngene. “The regular use of a Syngene imaging system by so many different types of researcher demonstrates how easy it is for novice and experienced scientists alike to generate accurate Western blot results with a G:BOX Chemi XRQ.”

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Note to Editors **About Syngene**

Syngene is a world-leading supplier of integrated imaging solutions for analysis and documentation of gel-based information. Syngene’s systems are used by more than 10,000 research organisations and over 50,000 individual scientists world-wide and include many of the world’s top pharmaceutical companies and major research institutes.

Syngene, founded in 1997, is a division of the Synoptics Group of the AIM listed Scientific Digital Imaging Company based in Cambridge, UK. The Group’s other divisions, Synbiosis and Synoptics Health, specialise in digital imaging solutions for microbial and clinical applications respectively. Synoptics, which celebrated its 30th anniversary of being in business in 2015, currently employs 40 people in its UK and subsidiary operation in Frederick, USA.

About Anglia Ruskin University

Anglia Ruskin is an innovative global university, brimming with ambition. Students from 177 countries gain qualifications with us in four continents. Students, academics, businesses and partners all benefit from our outstanding facilities; we’ve invested £100 million over the last five years and plan to invest a further £91 million over the next five years.

Anglia Ruskin’s Research Institutes and four faculties bridge scientific, technical and creative fields. We deliver impactful research which tackles pressing issues and makes a

real difference, from saving lives to conserving water. Our academic excellence has been recognised by the UK's Higher Education funding bodies, with 12 areas classed as generating world-leading research.

We are ranked in the world's top 350 institutions in the 2019 Times Higher Education World University Rankings, and in 2016 we featured in a list of the 20 "rising stars" in global Higher Education compiled by strategy consultants Firetail.