

NEWS RELEASE - FOR IMMEDIATE RELEASE

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Image Attached

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**Leading German University Opts for Second Syngene Imaging System
To Rapidly Study Proteins Expressed in Incurable Neurological Diseases**

Cambridge, UK: Syngene, a world-leading manufacturer of image analysis solutions, today announced its G:BOX Chemi XX6 multi-application imager is being utilised by scientists at a top University in Germany to speed up analysis of genes and proteins associated with neurodegenerative conditions.

Researchers at the German University are using a G:BOX Chemi XX6 multi-application imager to rapidly detect genotypic changes on fluorescent DNA gels and accurately analyse proteins expressed in human cell lines and animal models of neurodegenerative diseases. To detect changes in protein expression, the scientists are utilising ECL-based chemiluminescent Western blots. This data is providing information which could help develop safer, more effective immunotherapies to treat incurable neurodegenerative conditions.

The Laboratory Manager at the German University stated: "We have had an older Syngene gel doc system in our lab for many years, which we use for visualising DNA on our genotyping gels. We are very happy with its performance but this system cannot analyse chemiluminescent Western blots. This meant we were spending many hours developing X-ray film of our Westerns and it was difficult, as well as time consuming trying to quantify protein amounts."

The Laboratory Manager continued: "We upgraded to the newer G:BOX Chemi XX6 in 2016 because we like how quick and easy the Syngene imaging software is to use. The system is now being used daily by 10 researchers and we're analysing our Western blot results much faster than when we were using X-ray film. The other benefits are that we have confidence in the protein quantification results we're obtaining and we can store images which we can use directly in publications so we're very happy with our G:BOX Chemi XX6 system."

To find out about the exciting applications a G:BOX Chemi XX6 imager can perform, scientists can click this link: www.syngene.com/g-box-chemi-xx6/

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“We’re proud to hear that this major German University has installed a second Syngene imaging system to accelerate their research in neurodegenerative diseases,” states Dr Martin Biggs, Sales Manager at Syngene. “Their choice of a G:BOX Chemi XX6 for use by so many different researchers demonstrates how robust and easy to use this technology is for producing accurate protein expression and genotyping results.”

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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.