

NEWS RELEASE - FOR IMMEDIATE RELEASE

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**Top Medical School uses Syngene InGenius System
to pinpoint microorganisms associated with chronic digestive diseases**

Cambridge, UK: Syngene, a world-leading manufacturer of image analysis solutions, is delighted to announce its InGenius gel imaging system is being used by scientists at the University of Glasgow to determine the types of microorganisms associated with Crohn's Disease and Coeliac Disease.

Researchers in the School of Medicine at the University of Glasgow are using a Syngene InGenius gel doc system to visualise microbial DNA stained with SYBR[®] Green on Temporal Temperature Gradient Electrophoresis polyacrylamide gels. The information obtained is being used to determine which microflora are associated with Crohn's Disease and Coeliac Disease in children and could help to determine the most effective methods to treat and control these conditions.

Dr Konstantinos Gerasimidis, Lecturer in Clinical Nutrition at the School of Medicine, University of Glasgow commented: "We are looking for microbes in children suffering with digestive diseases and are trying to determine those most prevalent in their colonic samples. For that we use a variety of molecular microbiology techniques such as Temporal Temperature Gradient Electrophoresis Gels stained with SYBR Green Nucleic Acids Staining. We prefer to use SYBR Green for visualising the DNA, rather than Ethidium bromide because it is significantly more sensitive and less toxic."

Dr Gerasimidis continued: "We decided to upgrade our gel doc to an InGenius system because we have found it is more sensitive than other imagers we looked at in the same price range. We can easily visualise our DNA so we're pleased we chose an InGenius."

Laura Sullivan, Syngene's Divisional Manager, concluded: "Establishing the potential causes of chronic digestive diseases is critical research and we are excited to hear that the InGenius is playing a part in this. The results researchers

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News Release

Top Medical School uses Syngene InGenius System press release continued....

at University of Glasgow are obtaining, demonstrate to molecular biologists looking for an inexpensive system to safely and accurately image their DNA, that all they need is an InGenius.”

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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 Cambridge based Synoptics Group. The Group's other divisions, Syncroscopy and Synbiosis, specialise in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs over 40 people in its UK and subsidiary operation in Frederick, USA.

About the School of Medicine

The School of Medicine at the University of Glasgow is one of the largest and most prestigious medical schools in Europe with over 170 postgraduate research students involved in a wide range of research subject areas including human nutrition, paediatric endocrinology, cancer biomarkers as well as research in medical education and e-learning.

The School is recognised within the University and externally for its innovative and distinctive basic science, translational and clinical research programmes in medicine, dentistry and nursing and healthcare based on interdisciplinary and a multi-professional approach. The interface with the NHS partners is critical to the School of Medicine's research strategy and comprises a key element for translating basic science discoveries into clinical practice.