Maynooth University Opportunity

CROHN’S DISEASE DIAGNOSTIC

Unmet need
Inflammatory bowel disease (IBD) splits into 2 major types of disease; Crohn’s disease (CD) and ulcerative colitis (UC). The definitive distinction between CD and UC is challenging and generally relies on a combination of inputs including clinical presentation, results of radiography, endoscopy and histological findings.

Our Solution
We have assessed the levels of expression of Pellino3 protein in colonic biopsy samples from healthy, CD and UC patients. The data demonstrates that the levels of Pellino3 protein are strongly reduced in colonic tissue from CD subjects relative to control or UC subjects. These data suggest that the protein expression levels of Pellino3 may be a strong diagnostic indicator of subjects with Crohn’s disease and we propose a Pellino3-based test as the basis for a diagnostic.

Development Stage
Stage 2: Technology Assessment/IP Protection.

What is Sought
Commercial partner for diagnostic development and commercialisation.

Intellectual Property
Potential patent.

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Development Stages of Opportunities