

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.

Contact

Paul.tyndall@mu.ie
+353 1708 6872

Development Stages of Opportunities

