Reviewer's report

Title: Transcript levels of different cytokines and chemokines correlate with clinical and endoscopic activity in ulcerative colitis

Version: 3 Date: 7 November 2008

Reviewer: Stig Larsen

Reviewer's report:

It is much better but they can not conclude as they do. They conclude that the method is "Valid and reliable".

In order to claim Validity and reliability of a method they need to give sensitivity and specificity of the method. This might be problematic in this case. However, I will recommend them to express CAI and EAI as a linear function of the set of independent variables (CXCL2,8,10 and calgranulin B). Additionally, by reporting R2 they will give how much of the variation of CAI and EAI are expressed by the set of independent variables. Then it might be they can give a conclusion like the one they have in the manuscript.