



Figure 3: Insula activity predicts peripheral measures of inflammatory potential in asthmatic participants.

Percent signal change in the (a) anterior ($r = .77, p < .001$) and (b) posterior ($r = .76, p = .001$) insula in response to asthma, compared to negative words, during antigen, relative to methacholine challenge (Ag[As-Ng]-Meth[As-Ng]) and percentage of EOS in sputum during late phase antigen relative to methacholine challenge [Ag-Meth].