



Figure 4: Cue-Signal-Response paradigm (A) showing information flow from inflammatory cues, including growth factors shed by cell-surface proteases, to intracellular signaling pathways, resulting in invasion response; information flow is recursive as intracellular signaling regulates activity of the sheddases and expression of growth factors. The experimental plan for measuring each level of information using -omics (including protease-omics) is shown in B. (From Miller et al, PNAS, 2013)