

Abstract Submitted
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Significantly Better Than Expected Sensitivity in Chemotactic Response by a Model Unicellular Eukaryote CARL FRANCK, IGOR SEGOTA, Cornell University — Recently we demonstrated (Segota et al., J.R. Soc. Interface v. 10, 20130606 (2013)) that the conventional wisdom of what determines the signal to noise ratio in chemotaxis for the unicellular eukaryote, *Dictyostelium discoideum* is apparently fundamentally flawed. In our poster we will review the evidence and point to appropriate next steps in both experiment and theory.

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