CORRECTION

Correction: Dynamics of Actin Waves on Patterned Substrates: A Quantitative Analysis of Circular Dorsal Ruffles

The PLOS ONE Staff

Due to a typesetting error, [Fig. 2](#) is missing an essential variable (the Greek τ “tau”) in three places. The publisher apologizes for the error. Please view the complete, correct [Fig. 2](#) here.

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Fig 2. Oscillatory reappearing CDRs. (A) CDRs under spatial confinement exhibit oscillatory patterns of pulsating re-appearance (scale bar: 25 μm , full sequence: S5 Movie). (B) Stills from the region of interest highlighted red in the time-lapse sequence A ($\Delta t = 36$ s). (C) A plot of the minimal intensity value of the ROI in A as a function of time shows CDR events as negative peaks and CDR-free periods, corresponding to the recovery time τ , as plateaus of high intensity. The ROI was smoothed with a Gaussian with $\sigma = 2$ μm prior to intensity sampling. (D-F) Kymographs of CDRs taken along lines crossing CDR origins (see Fig. 4A for illustration) show both the recovery time τ between successive events and their radial extension R_{max} (cells not shown). (G) The recovery times increase with CDR size. The data was binned in R_{max} -direction (box width: 10 μm) and plotted as boxes with whiskers (red lines: median, upper box edge: 75th percentile, lower box edge: 25th percentile). N values denote the number of observations. Note that oscillatory behavior was rare for large CDRs.

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Reference

1. Bernitt E, Koh CG, Gov N, Döbereiner H-G (2015) Dynamics of Actin Waves on Patterned Substrates: A Quantitative Analysis of Circular Dorsal Ruffles. PLoS ONE 10(1): e0115857. doi:10.1371/journal.pone.0115857 PMID: 25574668