pharmaceutics

Supplementary Materials: Spatiotemporal Correlation Spectroscopy Reveals a Protective Effect of Peptide-Based GLP-1 Receptor Agonism against Lipotoxicity on Insulin Granule Dynamics in Primary Human β-Cells

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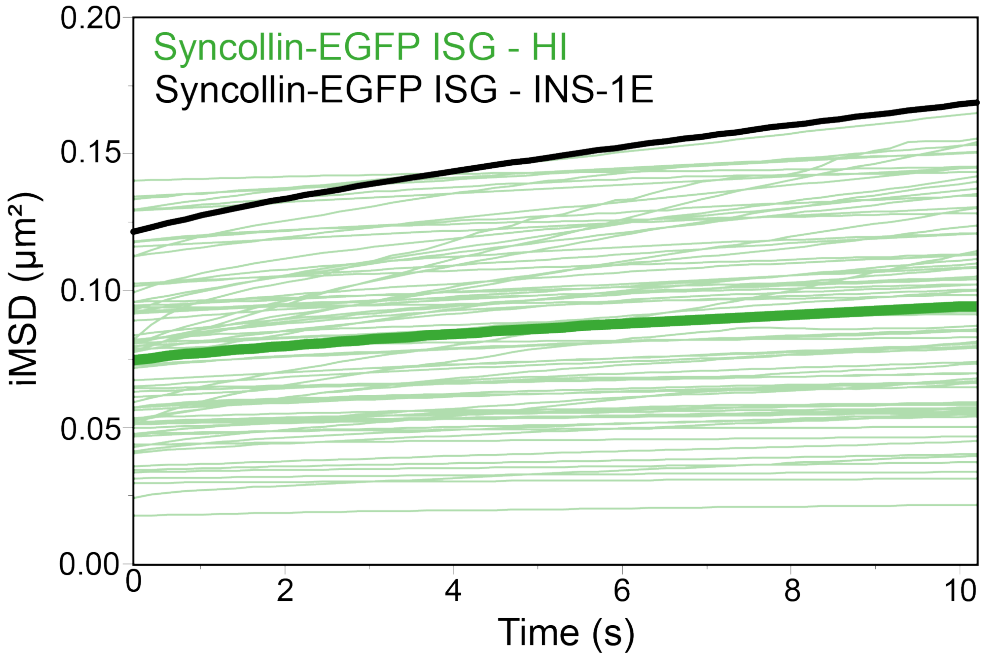

Figure S1. iMSD curves. iMSD curves of n = 123 analyzed acquisitions of syncollin-EGFP labelled ISGs in HI (green curves) and relative average curve (bold green). In black, average iMSD curve of n = 48 previously published acquisitions of syncollin-EGFP labelled ISGs in INS-1E cells.

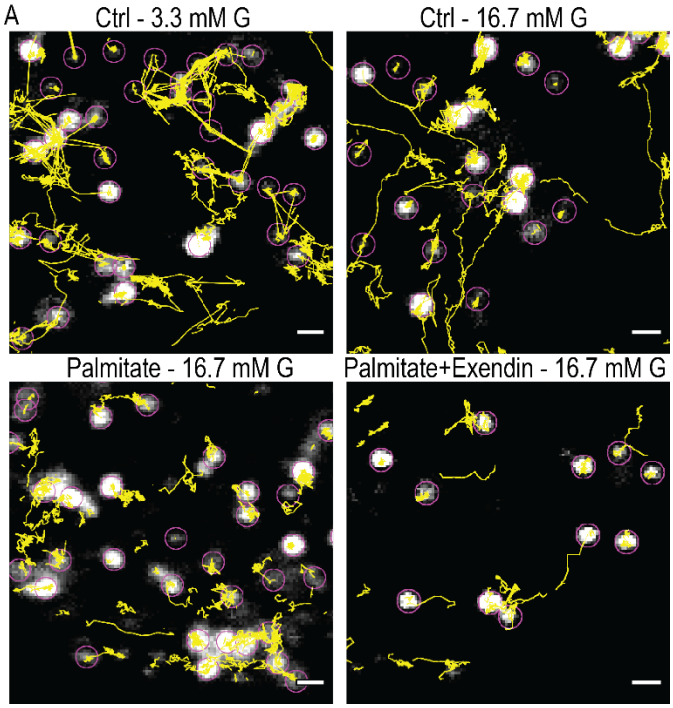

Figure S2. Exendin-4 effect on ISGs dynamic. Trajectories (in yellow) of ISGs motion in low glucose control medium (Ctrl – 3.3 mM G) compared to granule's motion after glucose stimulation (16.7 mM G) in Ctrl medium, in case of Palmitate 48 h exposure and in case of Palmitate+Exendin-4 48 h exposure.