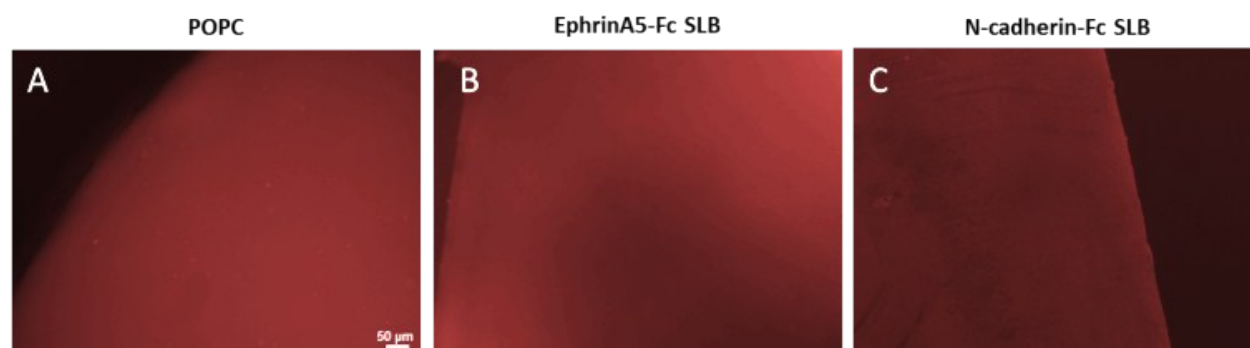
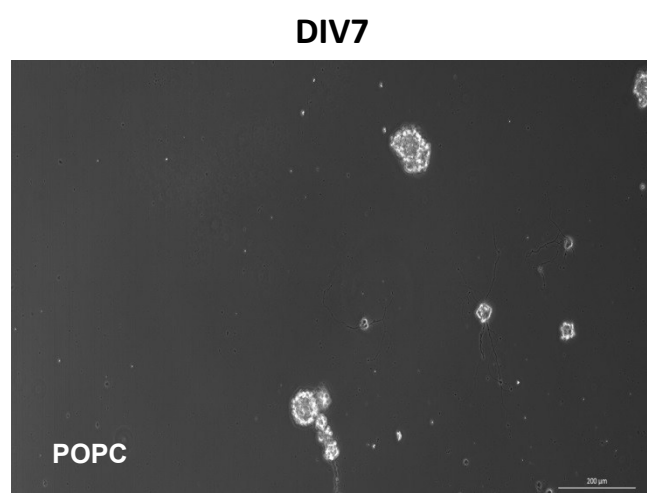


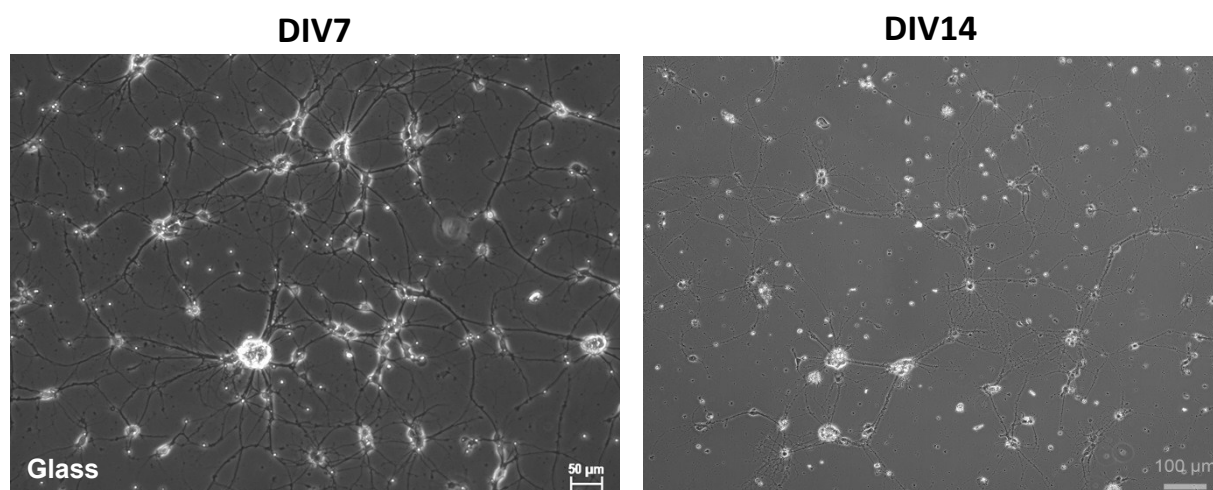
Supplementary Information



S 1: Formation of POPC lipid bilayer and artificial membranes. A. POPC lipid bilayer (Texas Red-DHPE). Scale bar 50μm. B. ephrinA5 SLB, C. N-cadherin SLB (DyeLight® labelled proteins 660nm).



S 2: Neuronal adhesion on bare POPC lipid membranes. Overview of cell aggregations on POPC at DIV7. Scale bar 200 μm.



S 3: Neuronal adhesion on bare glass substrates. Overview of neuronal adhesion on glass substrates at DIV7 and DIV14. Scale bar 50 and 100 μm.