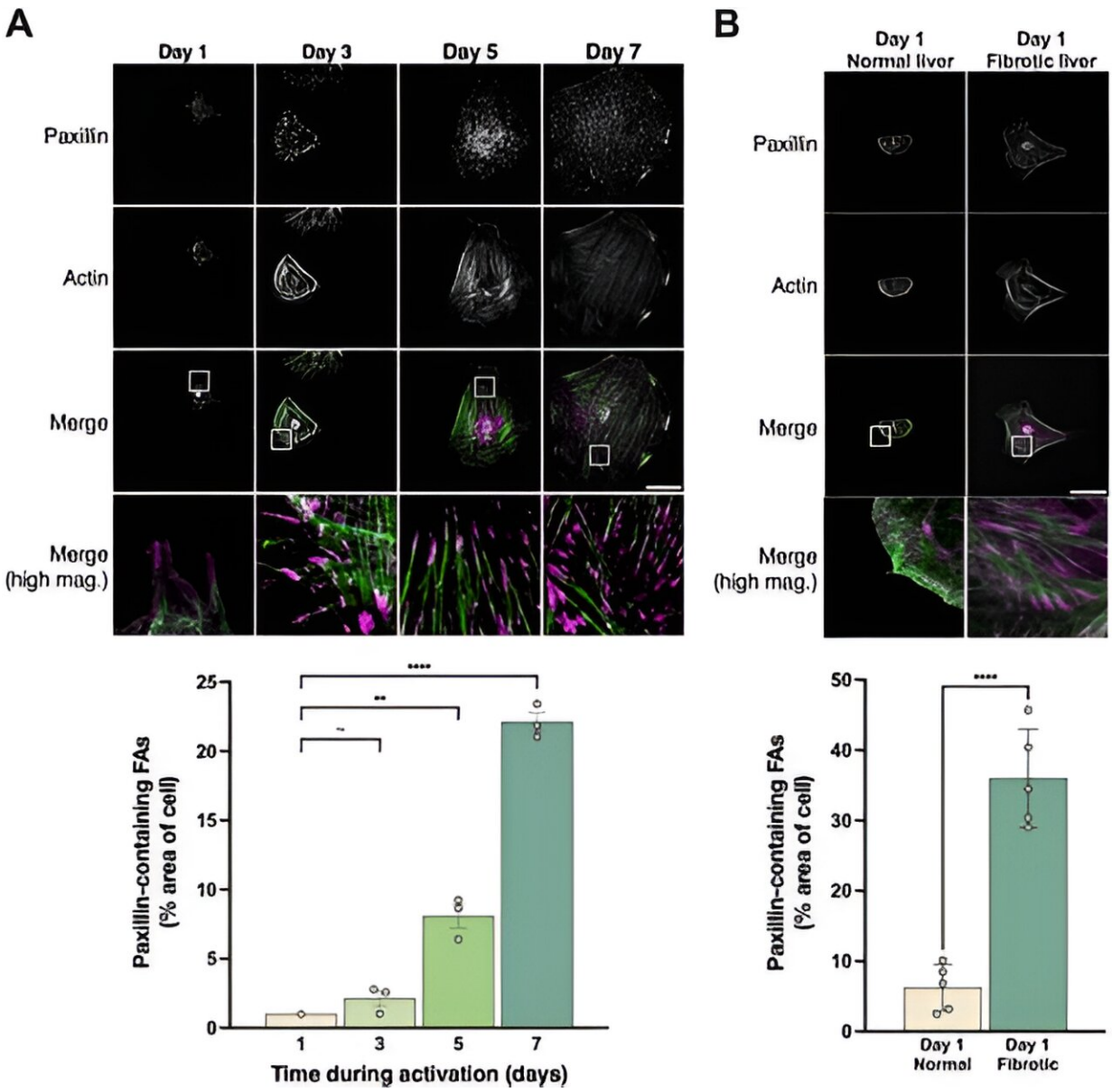
From soft tissue to stiff leather: Understanding the role of paxillin in liver fibrosis

November 1 2023



Paxillin localization during HSC activation. (A) HSCs were isolated, grown on glass coverslips for 7 days, and fixed. Paxillin was labeled at the specified time points as described in the Materials and Methods. DAPI was used to label nuclei. The boxes in row 3 of the panel illustrate magnified area in the fourth row of the panel. Scale bar: 30 μm. Paxillin-containing FAs were quantified as described in the Materials and Methods and depicted in the graph below the image panel (note that each data point represents one biological replicate). (B) HSCs were isolated from normal livers and from fibrotic livers (CCl_4 model) and grown on glass coverslips overnight. Cells were fixed and paxillin was labeled as in A. Images shown are representative of at least 10 others. Paxillin-containing FAs were quantified as in A (n=5 technical replicates). Scale bar: 10 μm. Error bars represent the mean±s.e.m. **P