Correction

MEDICAL SCIENCES

Correction for "LRP-6 is a coreceptor for multiple fibrogenic signaling pathways in pericytes and myofibroblasts that are inhibited by DKK-1," by Shuyu Ren, Bryce G. Johnson, Yujiro Kida, Colin Ip, Kathryn C. Davidson, Shuei-Liong Lin, Akio Kobayashi, Richard A. Lang, Anna-Katerina Hadjantonakis, Randall T. Moon, and Jeremy S. Duffield, which appeared in issue 4, January 22, 2013, of *Proc Natl Acad Sci USA* (110:1440–1445; first published January 9, 2013; 10.1073/pnas.1211179110).

The authors wish to note the following: "Panel *L* in Fig. 3 incorrectly showed a low-power image of fibrosis extent in sham kidneys exposed to Ad-control instead of Ad-Dkk1. This problem has now been corrected by replacing the upper left image with a representative panel from sham kidney treated with Ad-Dkk1." The corrected Fig. 3 and its legend appear below.

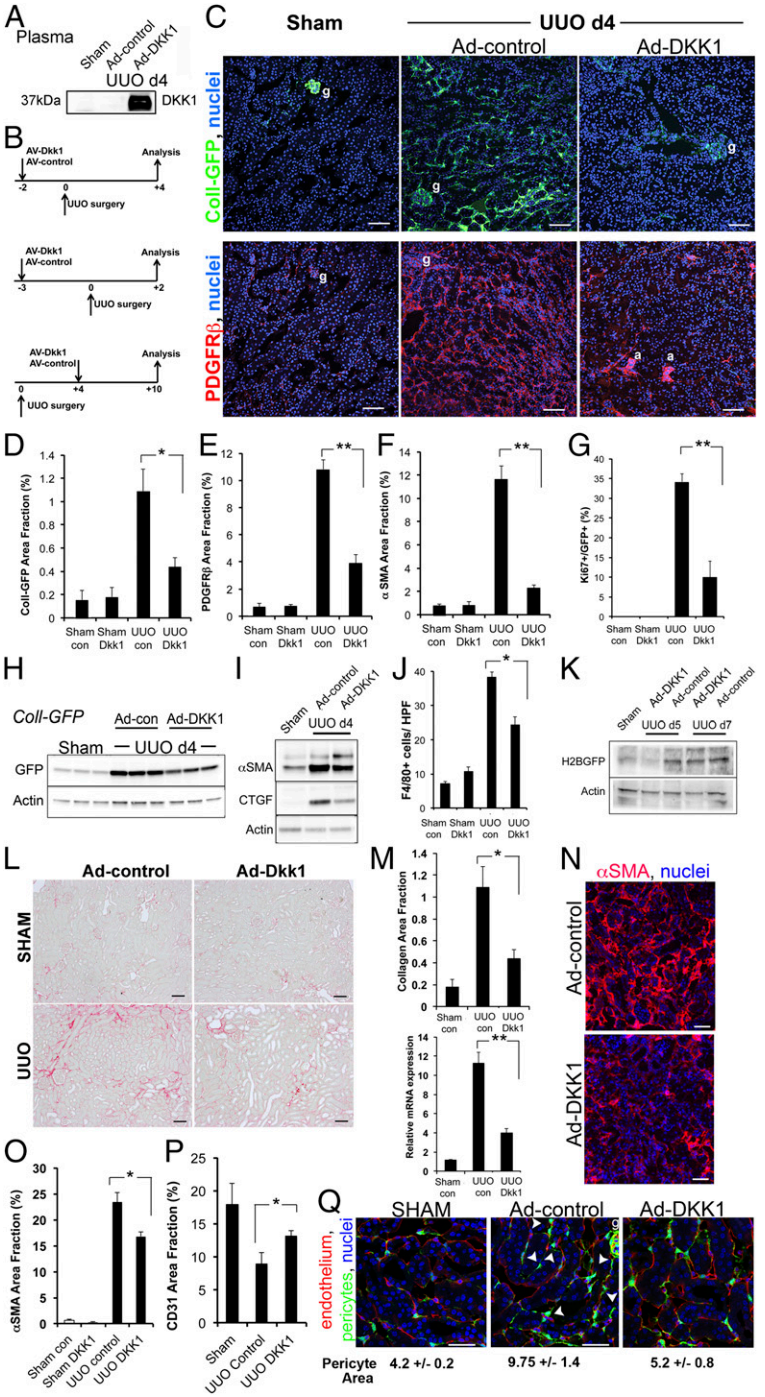

Fig. 3. DKK-1 blocks pericyte activation and transition to myofibroblasts and reverses myofibroblast activation in vivo, inhibiting fibrogenesis, capillary rarefaction, and inflammation. (*A*) Western blots of 5 μL of plasma from mice 5 d after i.v. injection of Ad-control or Ad-DKK-1 and from mice subjected to sham surgery and injected with control. (*B*) Experimental schemata for adenoviral administration, kidney injury, and analysis in the UUO model. (*C–M*) Prevention studies. (*C*) Low-magnification confocal images of kidney cortex 4 d after sham operation or UUO in *Coll-GFP*^{Tr} mice that had received Ad-control or Ad-DKK-1 6 d previously, showing Coll-GFP cells or PDGFRβ cells. g, glomerulus; a, arteriole. (*D–F*) Graphs showing quantification of Coll-GFP cells, PDGFRβ cells, and αSMA cells in kidney 4 d after UUO. (*G*) Proportion of Coll-GFP cells that express the proliferation marker Ki67. (*H*and *I*) Western blot of GFP (*H*) or αSMA/CTGF (*I*) in whole Coll-GFP mouse kidney 4 d after UUO. (*J*) Quantification of macrophage numbers in kidney sections detected by F4/80 staining. (*K*) Western blot quantifying canonical WNT signaling by detecting the H2B-GFP fusion protein after Ad-DKK-1 vs. Ad-control treatment of *TCF/Lef:H2B-GFP*^{Tr} reporter mice during UUO kidney injury. (*L*) Sirius red-stained kidneys 10 d after UUO. (*M*) Morphometry of Sirius red-stained collagen (*Upper*) or qPCR for *Col1a1*transcripts (*Lower*) 10 d after UUO in mice treated with Ad-control vs. Ad-DKK-1. (*N–P*) Reversal studies. Confocal Images (*N*) and morphometric quantification (*O*) of αSMA staining 10 d after UUO in mice treated with Ad-control or Ad-DKK-1 from day 4. (*P*) Quantification of capillary density 10 d after UUO. Note that rarefaction occurs in response to kidney disease, but DKK-1 partially reverses rarefaction. (*Q*) Pericyte detachment. Images and quantification of pericyte area in Coll-GFP mice 2 d after UUO in the presence of circulating DKK-1 or control. Note that injury to the kidney stimulated pericyte spreading and detachment from endothelium (arrowheads). *$P < 0.05$, **$P < 0.01$. $n = 4–6$ per group. Error bars indicate SEM.

www.pnas.org/cgi/doi/10.1073/pnas.1616960113