



FIGURE 2 Effect of diphenylene iodonium (DPI) pretreatment (30 min, 20 μM) on the aluminium-induced response of actin filaments. Representative images of grapevine cells expressing the actin marker fimbrin actin-binding domain 2 in fusion with GFP in the absence (A) or in the presence (B) of AlCl₃ (200 μM, 2 h) are shown. (C) Quantification of the actin response. The dashed line gives the amplitude of actin bundling in response to AlCl₃ alone, in the absence of DPI, the dotted line the value seen in untreated controls for comparison (see **FIGURE 1**). (D) Working hypothesis tested by this experiment.