

Retraction

Ching-Wei Chen, Dario Panzeri, Yu-Hung Yeh, Yasuhiro Kadota, Pin-Yao Huang, Chia-Nan Tao, Milena Roux, Shiao-Chiao Chien, Tzu-Chuan Chin, Po-Wei Chu, Cyril Zipfel, and Laurent Zimmerli (2014). The *Arabidopsis* Malectin-Like Leucine-Rich Repeat Receptor-Like Kinase IOS1 Associates with the Pattern Recognition Receptors FLS2 and EFR and Is Critical for Priming of Pattern-Triggered Immunity. *Plant Cell* **26**: 3201–3219.

The authors of the above article request that it be retracted from *The Plant Cell* and issue the following statement:

After publication of the article, we discovered irregularities and inappropriate data manipulation in Figure 6C produced by the first author Ching-Wei Chen from the Zimmerli laboratory. Specifically, the same blot image improperly appears twice in Figure 6, once in Figure 6A corresponding to the IP: α -GFP blot for FLS2-GFP and again in Figure 6C as IP: α -GFP for CERK1-GFP. We repeated these experiments but found that the original results associated with Figure 6C could not be replicated and instead suggest the potential for interaction between IOS1 and CERK1 *in vivo* in *Nicotiana benthamiana*. This raises questions about some of the conclusions of the article, and we feel the best course of action is to retract the article. We believe a major conclusion of the article remains unaffected, namely, that IOS1 is involved in the regulation of flg22- and elf18-triggered responses. However, we cannot rule out an additional role for IOS1 in mediating signaling by CERK1. We are undertaking follow-up experiments to verify the major findings and clarify the role of IOS1 in plant immunity signaling.