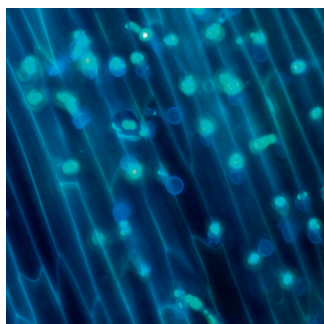


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ON THE COVER



Wang et al. (pages 2064–2086) present a broad functional survey of a large sample of candidate RXLR effectors in *Phytophthora sojae*, an oomycete pathogen of soybean. The pathogen releases zoospores (swimming spores) that swim towards the soybean surface and form cysts (non-swimming zoospores), which germinate and form appressorium to penetrate into the soybean surface. The cover image shows a fluorescent microscope image of cysts (dark-blue ring) germinating on the soybean root surface, inducing early plant defense response (callulose deposition, visible as high-light spots) around infection sites.

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