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Cover illustration: Constitutively active small guanosine triphosphatase (GTPase) ROP11 (CA-ROP11) overexpression enhances reactive oxygen species (ROS) production, which is partially dependent on respiratory burst oxidase homologue F(RbohF) in *Arabidopsis thaliana* root hairs (see Yan *et al*. pp. 221–231). Representative images of ROS production as indicated by fluorescent dye 2',7'-dichlorofluorescin diacetate (H2DCFDA). Scale bar = 100 μm. Image by Min Yan.