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COVER IMAGE



Cover photograph: Damage control at the hyphal front. A brown rot fungus, *Serpula himantiodes*, is shown invading a wood substrate. The mechanism that these brown rot fungi apparently use to initiate attack of wood cell walls involves production of highly reactive oxygen species (ROS). This presents a risk to the fungi that they mitigate by spatially targeting ROS generation away from hyphae, quenching excess ROS in proximity to developing hyphae, and secreting ROS-tolerant enzymes in zones where there are active ROS. (See related article at e01937-18.) (Copyright © 2018 American Society for Microbiology. All Rights Reserved.)

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