



**FASEB**

Federation of American Societies  
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Science  
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## The Mechanisms of Plant Development Conference

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### Organizer Bio: Michael Scanlon, PhD

*Professor of Plant Biology, Cornell University, Ithaca, NY, USA*

Research in the Scanlon lab focuses on mechanisms of plant development and the evolution of plant morphology. Using comparative developmental genetics and functional genomics, lab members are especially interested in the processes whereby meristems make leaves and embryos make meristems. The lab exploits forward and reverse genetic mutants of maize, *Arabidopsis*, tomato, and moss as the foundation for comparative analyses of fundamental processes in plant development.

Scanlon received his PhD in genetics from Iowa State University, working with Alan Myers and Don Robertson on maize kernel development, and was an NSF Postdoctoral Fellow studying leaf development with Michael Freeling at the University of California, Berkeley. After starting his laboratory at the University of Georgia in 1997, Dr. Scanlon moved his laboratory to Cornell University in 2006.