

## 12<sup>th</sup> ANNUAL HARVARD PLANT BIOLOGY SYMPOSIUM

# STOMATA

## Evolution, Development, and Physiology

TUESDAY, MAY 9, 2017 / WELD HILL AT ARNOLD ARBORETUM



- 8:30 9:00 **REGISTRATION**
- 9:00 9:15 **Introductory Comments**
- 9:15 9:55 **Dominique Bergmann**  
*Adjusting the Valves: Modulating Stomatal Development to Optimize Plant Growth and Flexibility*
- 9:55 10:35 **Charlie Anderson**  
*Building a Flexoskeleton: Functions of Cell Wall Polysaccharides in Stomatal Development and Dynamics*
- 10:35 10:55 **BREAK**
- 10:55 11:35 **Sarah Assmann**  
*New Aspects of Guard Cell Signaling Revealed by Discrete Dynamic Modeling*
- 11:35 12:15 **Julian Schroeder**  
*Molecular Signal Transduction Network Mediating Abscisic Acid and CO<sub>2</sub> Regulation of Stomatal Conductance in Plants*
- 12:15 1:45 **LUNCH**
- 1:45 2:25 **Tim Brodribb**  
*Stomatal Closure as a Disaster-Prevention Mechanism*
- 2:25 3:05 **Tracy Lawson**  
*Speedy Stomata Aid Plant Productivity and Water Use*
- 3:05 3:25 **BREAK**
- 3:25 4:15 **David Haig**  
*Filial Mistletoes: The Functional Morphology of the Moss Sporophyte*
- 4:15 4:55 **Peter Franks**  
*The Phytocene: Selection for Optimal Plant Gas Exchange as a Global Transformational Force*
- 5:00 **RECEPTION**