



Organ and Tissue Development in Crop Domestication and Performance

Guest Editor:

Dr. Philip W. Becraft

Genetics, Development & Cell
Biology Department and
Agronomy Department, Iowa
State University, Ames, IA 50011-
1079, USA

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editor

Dear Colleagues,

Crop domestication and improvement involves numerous traits with developmental bases. Like plant architecture, fruit and seed size, organ abscission, and many more. New technologies are accelerating the analysis of traits and genetic underpinnings, equipping modern crop breeders and biotechnologists with an unprecedented toolset to allow the production of ‘designer crops’, ideotypic plants exquisitely tailored to particular growth conditions and specific end uses.

This Special Issue aims to explore current research into “developmental traits” and how they contribute to crop performance. Appropriate subject matter includes but is not limited to:

1. Analysis of architectural traits
2. Tissue anatomy in relation to crop performance
3. Control of growth rate or duration
4. Developmental responses to environment
5. Timing of developmental transitions
6. Hormonal regulation of development
7. Genomic basis of developmental changes under selection
8. Transcriptomic or gene network analysis of development



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Submissions are invited of research articles, reviews, technical notes and communications.

Special Issue



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Prof. Dr. Peter Langridge

School of Agriculture, Food and
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Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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