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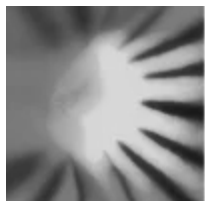
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**Feature: Advances on
genomics, biology, ecology and
evolution of *Brachypodium***



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Advances on genomics, biology, ecology and evolution of Brachypodium, a bridging model grass system for cereals and biofuel grasses

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In 2019 the 4th International Brachypodium Conference took place in Huesca (Spain), celebrating a decade of tremendous progress in the development and use of species in the genus *Brachypodium* as a model system. Since the publication of the sequenced genome of its flagship species (*B. distachyon*) in 2010 (International Brachypodium Initiative 2010), the temperate grass genus *Brachypodium* has become an indispensable tool to investigate many aspects of functional genomics and biology of grasses and its translation to cereals and biomass crops, paralleling the role of its counterpart dicot *Arabidopsis*. This collection uncovers some of the most outstanding scientific discoveries presented in that meeting or obtained in recent years using *Brachypodium* and other plant species as targets for the development of scientific knowledge in plants.

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Table of Contents

 Free Access

Advances on genomics, biology, ecology and evolution of Brachypodium, a bridging model grass system for cereals and biofuel grasses

Pilar Catalán, John. P Vogel

New Phytologist | First Published: 18 August 2020

[First Page](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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New Phytologist | First Published: 18 August 2020

[Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Plant hemoglobins: a journey from unicellular green algae to vascular plants

Manuel Becana, Inmaculada Yruela, Gautam Sarath, Pilar Catalán, Mark S. Hargrove

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Grass secondary cell walls, *Brachypodium distachyon* as a model for discovery

Joshua H. Coomey, Richard Sibout, Samuel P. Hazen

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Progressive refinement of the karyotyping of *Brachypodium* genomes

Robert Hasterok, Kai Wang, Glyn Jenkins

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Changes in ambient temperature are the prevailing cue in determining *Brachypodium distachyon* diurnal gene regulation

Kirk J-M. MacKinnon, Benjamin J. Cole, Chang Yu, Joshua H. Coomey, Nolan T. Hartwick, Marie-Stanislas Remigereau, Tomás Duffy, Todd P. Michael, Steve A. Kay, Samuel P. Hazen

New Phytologist | First Published: 28 February 2020

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Stomatal development in the grasses: lessons from models and crops (and crop models)

Katelyn H. McKown, Dominique C. Bergmann

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Brachypodium and plant viruses: entwined tools for discovery

Karen-Beth G. Scholthof

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Brachypodium distachyon MAP20 functions in metaxylem pit development and contributes to drought recovery

Tetyana Smertenko, Glenn Turner, Deirdre Fahy, Rhoda A. T. Brew-Appiah, Raymundo Alfaro-Aco, Janice de Almeida Engler, Karen A. Sanguinet, Andrei Smertenko

New Phytologist | First Published: 21 December 2019

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)


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Does reproductive assurance explain the incidence of polyploidy in plants and animals?

Jonathan P. Spoelhof, Rachel Keeffe, Stuart F. McDaniel

New Phytologist | First Published: 27 December 2019

[First Page](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Diversity, dynamics and effects of long terminal repeat retrotransposons in the model grass *Brachypodium distachyon*

Christoph Stritt, Michele Wyler, Elena L. Gimmi, Martin Pippel, Anne C. Roulin

New Phytologist | First Published: 02 November 2019

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Geographic variation in the genetic basis of resistance to leaf rust between locally adapted ecotypes of the biofuel crop switchgrass (*Panicum virgatum*)

Acer VanWallendael, Jason Bonnette, Thomas E. Juenger, Felix B. Fritschi, Philip A. Fay, Robert B. Mitchell, John Lloyd-Reilley, Francis M. Rouquette Jr, Gary C. Bergstrom, David B. Lowry

New Phytologist | First Published: 23 March 2020

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Mutations in the predicted DNA polymerase subunit POLD3 result in more rapid flowering of *Brachypodium distachyon*

Daniel P. Woods, Yinxin Dong, Frédéric Bouché, Kevin Mayer, Leah Varner, Thomas S. Ream, Nicholas Thrower, Curtis Wilkerson, Amy Cartwright, Richard Sibout, Debbie Laudencia-Chingcuanco, John Vogel, Richard M. Amasino

New Phytologist | First Published: 15 March 2020

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[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

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Divergent gene expression networks underlie morphological diversity of abscission zones in grasses

Yunqing Yu, Hao Hu, Andrew N. Doust, Elizabeth A. Kellogg

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