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Advances in Functional Genomics of Plant Cell Wall Metabolism

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Message from the Guest Editors

Plants build an extracellular matrix called the cell wall that is considered to be their first protective barrier from disease, water loss, and other abiotic stresses. Cell walls form a network that is thought to regulate cell elongation and plant growth. Manipulating the composition and structure of plant cell walls could provide opportunities to design plant products and plants with specific characteristics relevant to food and agricultural applications. Although tremendous progress has been made in elucidating the composition of plant cell walls in a variety of species, many functional aspects (including metabolism) of plant cell walls remain elusive. Fortunately, efforts are being made to develop new technologies and tools to analyze and manipulate plant cell walls, which will help to advance our molecular understanding of cell wall functions. The goal of this Special Issue of *Plants* is to provide insightful and critical advances in the field of functional genomics of plant cell wall metabolism.



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Special issue



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Message from the Editor-in-Chief

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