

The presence of cell walls is the defining difference between plants and animals. The unique and multi-faceted role which cell walls play in plant growth and development has long been of interest to students and researchers.

While most texts only cover cell walls with a primary focus on biosynthesis, *Plant Cell Wall Patterning and Cell Shape* also delineates plant cell wall patterning, cell shape, and development, and its role in intercellular signaling.

Plant Cell Wall Patterning and Cell Shape is divided into three sections. The first section looks at the role cell walls play in defining cell shape. The second section looks more broadly at plant development, while the third and final section looks at new insights into cell wall patterning.

With more researchers beginning to look holistically at the multifunctional role of cell walls in plant growth and development, *Plant Cell Wall Patterning and Cell Shape* is a timely addition to research in the field.

- Highlights the multi-functional role of cell walls in plants
- Goes beyond biosynthesis to look at cell wall impact on patterning, shape, and development
- Explores the role of cell walls in intercellular signaling
- Edited by a leading researcher in the field

Hiroo Fukuda is Professor of Biological Sciences within the Graduate School of Science at the University of Tokyo

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