
PREFACE

Plant cells regulate all the vital processes occurring inside the plant. They cause cellular responses to external stimuli and determine the structure, growth and life cycle of the plant. Cells contain valuable evidence about the environment and the ecology that sustains the plant. Research in this field concerns with processes like phytoremediation, biofortification, etc. This book outlines the principles of plant cell biology. New technologies related to the field of plant breeding have been covered in it as well. It is an essential guide for both academicians and those who wish to pursue this discipline further.

The researches compiled throughout the book are authentic and of high quality, combining several disciplines and from very diverse regions from around the world. Drawing on the contributions of many researchers from diverse countries, the book's objective is to provide the readers with the latest achievements in the area of research. This book will surely be a source of knowledge to all interested and researching the field.

In the end, I would like to express my deep sense of gratitude to all the authors for meeting the set deadlines in completing and submitting their research chapters. I would also like to thank the publisher for the support offered to us throughout the course of the book. Finally, I extend my sincere thanks to my family for being a constant source of inspiration and encouragement.

Editor