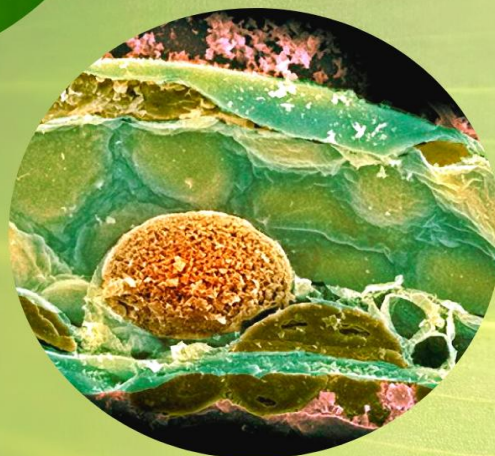


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# RESEARCH INTERVENTIONS AND ADVANCEMENTS IN PLANT SCIENCES



*Bhumi Publishing*

First Edition: 2020

**Editors:**

**Dr. Nivas Desai**

**Dr. Umesh Pawar**

**Dr. Vishal Aparadh**

**Dr. Manasi Patil**

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# Foreword



**Dr. Dattatraya K. Gaikwad**

**Director, Dr. Babasaheb Ambedkar Marthwada University Sub Campus,  
Osmanabad, M.S. India**

*Over the past decade, progress in plant science has grown considerably. In this regards, Research interventions and Advancements in Plant Sciences (RIAPS) provides succinct updates, opinion, and discussion on the most exciting and fascinating current research in all aspects of plant science. It contains brief, readable articles and thoughtful articles that keep readers up to date on the recent and latest trends, important developments and new innovative ideas within and outside their specialist area. The original, peer reviewed articles from the leading and upcoming scientists ensures balance and accuracy. In addition RIAPS edited book series contains a shorter articles that intended to serve as a forum for scientific discussion. I am happy to mark that, this book is covering topics at the interface of science and technology. Most of the budding researchers can no longer simply turn to the older strategies, and new innovative ideas are needed to accomplish their research with spotlight, this book series a right plat form to them. The book covers new information in the area of plant science research. The topics in the book are practical and user-friendly. They allow practitioners, students and academicians with specific background knowledge to feel confident about the research presented on a new generation of Plant Science Research.*

*I congratulates to the editors for this initiatives and wish them all the very best for their upcoming edition of the research series book.*

*DR Gaikwad*

**Dr. D. K. Gaikwad**

## ***PREFACE***

*Plant Science research in last few years has made major contribution to our understanding of biology. The research interventions and innovative research ideas benefited from insights gained from studies on various aspects of plant science. Our edited book brings together expert authors under the skilled editorship of leading scientists to produce state-of-the-art compendiums of current research. Aimed at the research scientist, graduate student, medical researcher and other professionals, this book is highly recommended for all plant science researchers. Research Interventions and advancements in plant sciences seek to provide all scientists, from the tenured to the tenderfoot, with concise and curated updates on the latest research. It is our aim to highlight new scientific developments in plant science. Our high-caliber articles are cutting edge, provocative, yet accessible and are written by the most authoritative voices in science today. They are intended not only to bring readers up to speed on recent progress in the field, but also to serve as platforms for debate and to push the boundaries of conventional thinking.*

*The articles in the book have been contributed by eminent scientists and academicians. Our special thanks and appreciation goes to our esteemed experts and research workers whose contributions have enriched this book. We thank our publisher Bhumi Publishing, India for taking efforts in bringing out the book.*

*Finally, we will always remain a debtor to all our well-wishers for their blessings, without which this book would not have come into existence.*

**- Editorial Team**

***Research Interventions and Advancements in Plant Sciences***

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