

# Call for Book Chapters/Research Papers for Edited Book

To be published with ISBN under IIP International Publishers, USA & India

## Recent Trends in Endophyte Research



### Series Editor



Dr. M. Anilkumar(M.Sc, Ph.D)  
Associate Professor and Head  
Department of Botany  
Union Christian College, Aluva,  
Ernakulam(District), Kerala, India  
Contact Number : +91-9496257872  
Email id : drmakumar@gmail.com

### Editor ID:

**IIPER1665674391**



**Iterative International Publishers**  
Novi, Michigan, USA  
Chikkamagaluru, Karnataka, India

**Imprint IIP**  
Registered publisher under Rajaram  
Muhan Roy Agency, Government of India  
and also under Bowker My identifiers  
agency, USA

### Important dates:

First circular to chapter contributors: 10th September 2023.  
Acceptance of abstracts and intimation to authors: 15th September 2023  
Chapter submission and first review: 21st September 2023  
Compilation and intimation to review by IIP : 30th October 2023  
Revision , Acceptance & Registration : 30th November 2023  
Book formatting & Publication by IIP : 30th December 2023

**IIP Edited Book Series**  
[www.iipseries.org](http://www.iipseries.org)





# Call for Chapters

## Recent Trends in Endophyte Research

### Aim & Scope

This edited book aims to bring together all the recent and available information on the multifaceted research that unravels the scientific and enigmatic world of plant-microbe interaction. It will be of colossal use to all researchers and passionate teachers who are currently affianced in experimentations with plants and endophytes. Endophytes can be bacteria or fungi and their entry into the host plant, establishment inside the host tissue, mutualistic or symbiotic relationship, their diversity, role in plant growth promotion, involvement in host metabolism, role in bioactivity such as antimicrobial, anti-inflammatory, antioxidant, antidiabetic, anticancer etc, role in stress tolerance, phytoremediation, mitigation of climate change and many more will be discoursed in detail either through methodical reviews or by original research articles. Since many researchers are working in endophytes, this edited book will be looked-for and commendable. The below mentioned chapters are anticipated in this edited book. The title is not final; authors can change the title as per the contents of their chapter. However, the major contents of the chapters in the book will be fixed. New chapter titles that include any recent reports on the research in endophytes are also welcome. Book chapters can be either reviews or unpublished original research articles. Contributors are requested to submit an abstract of one full page with title and tentative subtitles, 4-5 key words and details of all authors including email address of the corresponding author.

### Contents

1. Colonization and establishment of endophytes
2. Endophyte diversity analysis
3. Endophytes as agents of phytoremediation
4. Culture dependent isolation, identification and characterisation of endophytes
5. Plant growth promotion by endophytes
6. A comparison of fungal and bacterial endophytes
7. Endophytes as sources of anti-inflammatory agents
8. Endophytes as sources of antimicrobial compounds
9. Endophytes as sources of anticancer compounds
10. Role of endophytes in stress tolerance
11. Endophytes as source of novel medicinally important compounds
12. Endophytes and mitigation of climate change
13. Metagenome approach for the identification and characterization of endophytes
14. Role of endophytes in plant diseases resistance
15. Endophytes and degradation of xenobiotics
16. Biotechnological applications of endophytes
17. Endophytic bacteria of medicinal plants
18. Endophytic fungi and agricultural crops

### Author Benefits:

1. Selected chapters (not all) will be indexed in **RSquareL and other indexing platforms including Amazon, Google Books etc.**
2. Publication of chapter in book series with **ISBN / ISSN**
3. Publishing in **IIP Proceedings Digital Library with DOI**
4. Open access mode of publication in **IIP Digital library**
5. Optimized searching options to increase the **visibility of the work to readers and other researchers which helps in citations.**
6. **Unique dashboard to Author**
7. **Easy paper/chapter management system with transparency of the process including peer review**
8. **One complimentary copy per chapter**
9. **Certificate to all authors who contributed**

### Chapter submission procedure:

- Step 1: Go to IIP website [www.iipseries.org](http://www.iipseries.org)
- Step 2: Register in the portal by clicking on Signup
- Step 3: You can submit chapter at your dashboard or directly through IIP website after you login
- Step 4: Click on "submit chapters"
- Step 5: Select the book series title along with **Book Series ID** to which you wish to submit
- Step 6: Upload all necessary details along with your chapter in word file format. Refer "IIP Chapter format" at download in IIP Website

### Support from IIP to the Editors & Authors

- Reviewing support from IIP Reviewers
- Plagiarism checking service
- Submission management
- Registration management
- Individual dashboard

### For any queries

**Contact: +91-9496257872**  
**Mail us: [drmakumar@gmail.com](mailto:drmakumar@gmail.com)**

**Registration fee:** USD 40 INR.2000/- which includes processing fee with all above mentioned supporting services, Certificate hard copy to all authors, one complimentary copy of the book series per registration.

**IIP Edited Book Series**  
**www.iipseries.org**