Plant Nematode Interactions, Vol 73. Advances in Botanical Research

Description: Advances in Botanical Research publishes in-depth and up-to-date reviews on a wide range of topics in plant sciences. Currently in its 73rd volume, the series features several reviews by recognized experts on all aspects of plant genetics, biochemistry, cell biology, molecular biology, physiology and ecology. This thematic volume features reviews on molecular and developmental aspects of the compatible plant-nematode interaction. The contributors all actively work in the field of molecular genetics and genomics of plant parasitic nematodes and nematode feeding sites. Reviews focus on molecular and physiological aspects of nematode feeding site development and includes specific chapters on nematode effectors as well as plant responses.

- Publishes in-depth and up-to-date reviews on a wide range of topics in plant sciences
- This volume features reviews of the fast moving field of compatible interaction between plants and sedentary endo-parasitic nematodes
- A strong focus on molecular and physiological aspects of nematode feeding site development and includes specific chapters on nematode effectors as well as plant responses

Contents:
1. Overview of Root-Knot Nematodes and Giant Cells
   Carolina Escobar, Marta Barcala, Javier Cabrera, and Carmen Fenoll
2. Introductory Chapter on the Basic Biology of Cyst Nematodes
   Holger Bohlmann
3. Cell Wall Alterations in Nematode-Infected Roots
   Krzysztof Wieczorek
4. The Plant Cell Cycle Machinery: Usurped and Modulated by Plant Parasitic Nematodes
   Janice de Almeida Engler, Paulo Vieira, Natalia Rodiuc, Maria Fatima Grossi de Sa and Gilbert Engler
5. Metabolism in Nematode Feeding Sites
   Shahid Siddique and Florian M. W. Grundler
6. The Role of Lipid Signaling in Regulating Plant Nematode Interactions
   Sigal Brown Miyara, Iberkleid Ionit, Patricia Buki and Mike Kolomiets
7. Developmental Pathways Mediated by Hormones in Nematode Feeding Sites
   Javier Cabrera, Fernando E. Díaz-Manzano, Carmen Fenoll and Carolina Escobar
8. Recent Advances in Understanding Plant-Nematode Interactions in Monocots
   Diana Fernandez, Anne-Sophie Petitot, Máiría Grossi de Sá, Vu Phong Nguyen, Janice de Almeida-Engler, and Tina Kyndt
9. Gene Silencing in Nematode Feeding Sites
   Tarek Hewezi and Thomas J. Baum
10. Exploiting Solved Genomes of Plant Parasitic Nematodes to Understand Parasitism
    David M. Bird, Valerie M. Williamson and Charles H. Opperman
11. Emerging Roles of Cyst Nematode Effectors in Exploiting Plant Cellular Processes
    Michael Gardner, Anju Verma, and Melissa G. Mitchum
12. Function of Root Knot Nematode Effectors and Their Targets in Plant Parasitism
    Nhat My Truong, Chinh-Nghia Nguyen, Pierre Abad, Michaël Quentin, Bruno Favery
13. Suppression of Plant Defences by Plant-Parasitic Nematodes
    Sophie Mantelin, Peter Thorpe and John T. Jones
14. Application of Biotechnology for Nematode Control in Crop Plants
    John Fosu-Nyarko and Michael G K Jones

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/3060339/](http://www.researchandmarkets.com/reports/3060339/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: Plant Nematode Interactions, Vol 73. Advances in Botanical Research
Web Address: http://www.researchandmarkets.com/reports/3060339/
Office Code: SCD24BAP

Product Format
Please select the product format and quantity you require:

Quantity
Hard Copy (Hard Back): USD 175 + USD 29 Shipping/Handling

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr □ Mrs □ Dr □ Miss □ Ms □ Prof □
First Name: ____________________________ Last Name: ____________________________
Email Address: * ____________________________
Job Title: ____________________________
Organisation: ____________________________
Address: ____________________________
City: ____________________________
Postal / Zip Code: ____________________________
Country: ____________________________
Phone Number: ____________________________
Fax Number: ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ___________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World