



The Mitotic Spindle: Methods and Protocols (Methods in Molecular Biology)

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This volume includes a series of protocols focused on mitotic spindle assembly and function. The methods covered in this book feature a broad range of techniques from basic microscopy to the study of spindle physiologies relevant to cancer. These methods can be applied to diverse model systems that range from the cell-free *Xenopus* egg extract system to the moss *Physcomitrella patens*, in an effort to demonstrate the key contributions made by researchers using multiple model organisms. Chapters in *The Mitotic Spindle: Methods and Protocols* integrate cutting-edge technologies that have only become available due to the cross-disciplinary efforts, such as ATP analogue sensitive inhibition of mitotic kinases. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Thorough and informative, *The Mitotic Spindle: Methods and Protocols*, is a valuable resource for researchers who are new to mitosis or are already experts in the field.

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Bibliography

- Sales Rank: #3678906 in Books
- Published on: 2016-05-20
- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x 1.00" w x 7.00" l, .0 pounds
- Binding: Hardcover
- 424 pages

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Editorial Review

From the Back Cover

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