
Contents

1	Microtubule Organization in Mitotic Cells	1
	Sylvain Meunier and Isabelle Vernos	
2	Non-centrosomal Microtubule Organization in Differentiated Cells	27
	Vyacheslav Dyachuk, Christiane Bierkamp, and Andreas Merdes	
3	Organizational Properties of the Pericentriolar Material	43
	David Comartin and Laurence Pelletier	
4	Principles of Microtubule Organization: Insight from the Study of Neurons	79
	Carlos Sánchez-Huertas, Francisco Freixo, and Jens Lüders	
5	Consequences of Numerical Centrosome Defects in Development and Disease	117
	Davide Garbarotto and Renata Basto	
6	Microtubules Regulate Cell Migration and Neuronal Pathfinding	151
	Ulrike Theisen and Anne Straube	

The Microtubule Cytoskeleton

Organisation, Function and Role in Disease

Lüders, J. (Ed.)

2016, VII, 189 p. 20 illus., 14 illus. in color., Softcover

ISBN: 978-3-7091-1901-3