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Mechanisms of Mitotic Chromosome Segregation

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Message from the Guest Editor

Dear Colleagues,

This volume focuses on the mechanisms by which a mitotic spindle interact with a replicated genome to assure its accurate segregation to daughter cells at the time of cell division. The following subjects are treated by world-renown specialists: 1) Foundations of modern research on mitotic mechanisms; 2) Kinetochores structure; 3) Kinetochores assembly and function; 4) Spindle assembly; 5) Spindle assembly in plant cells; 6) Chromosome congression to the metaphase plate; 7) The spindle assembly checkpoint; 8) Correcting mitotic errors; 9) Anaphase A; 10) Anaphase B.

Prof. Dr. J. Richard McIntosh

Guest Editor



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