



## Tubulin Inhibitors

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 April 2020)**

### Message from the Guest Editor

Dear Colleagues,

Microtubule (MTs) play a key role in the division and motility of cells, manage the intracellular trafficking and preserve cell shape. The mitotic spindle generated by the MTs segregate the chromosomes during the cell division. Both inhibition of tubulin polymerization and stabilization of disassembly alter the MT dynamic equilibrium, and, ultimately, cause lethal injury to the cell. Interfering with the MT dynamic equilibrium has drawn attention as a fruitful strategy to develop anticancer agents. The interference by these agents to the cell division has led the development of a wide variety of potential anticancer agents.

This Special Issue aims to attract contributions on all aspects of the chemistry and biological activity of tubulin binding agents. There's an unmet need for improved anticancer therapies. An exploration through tubulin binding agents and their biological effects may have a great impact on the advance of successful anticancer therapies.

Prof. Dr. Romano Silvestri  
Guest Editor





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