

Abstract Submitted
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Target Finding Time for Microtubules Interacting with Catastrophe-Suppressing Drugs MITRA SHOJANIA FEIZABADI, Canisius College — Target finding time for microtubules interacting with catastrophe-suppressing drugs is investigated in this study. In the steady state of microtubules interacting with catastrophe-suppressing drugs, two types of microtubules exist, one with drug tips and the second without drug tips. This work shows that microtubules in the first group are slower in finding a target than are those in the second group. This result is consistent with experimental findings.

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