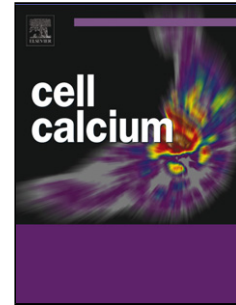


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# Calcium signaling and cell cycle: progression or death

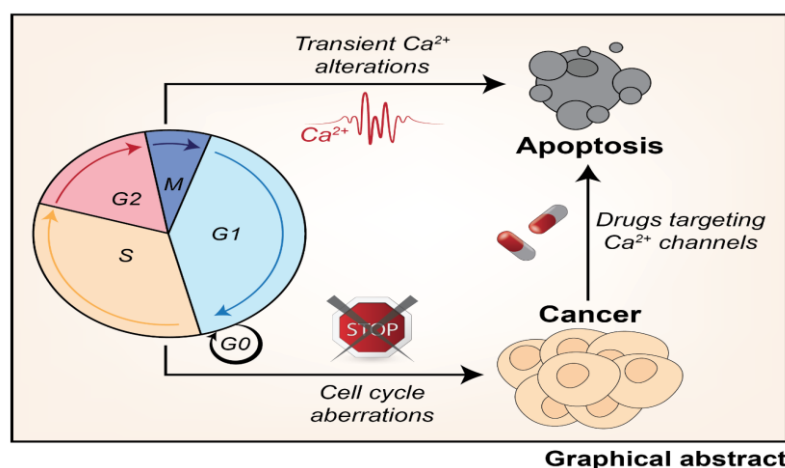
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Graphical Abstract



## Highlights

- $\text{Ca}^{2+}$  regulates cell cycle proliferation and cell death
- $\text{Ca}^{2+}$  transients appear mostly in the transition from one phase from the cell cycle to the subsequent one.
- $\text{Ca}^{2+}$  is implicated in specific events such as DNA synthesis, centrosome cycle, and nuclear envelope breakdown.

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