

## Oncogene —

dominant gain-of-function mutations  
promote cell transformation

## Tumor suppressor gene —

recessive, loss-of-function mutations  
promote cell transformation

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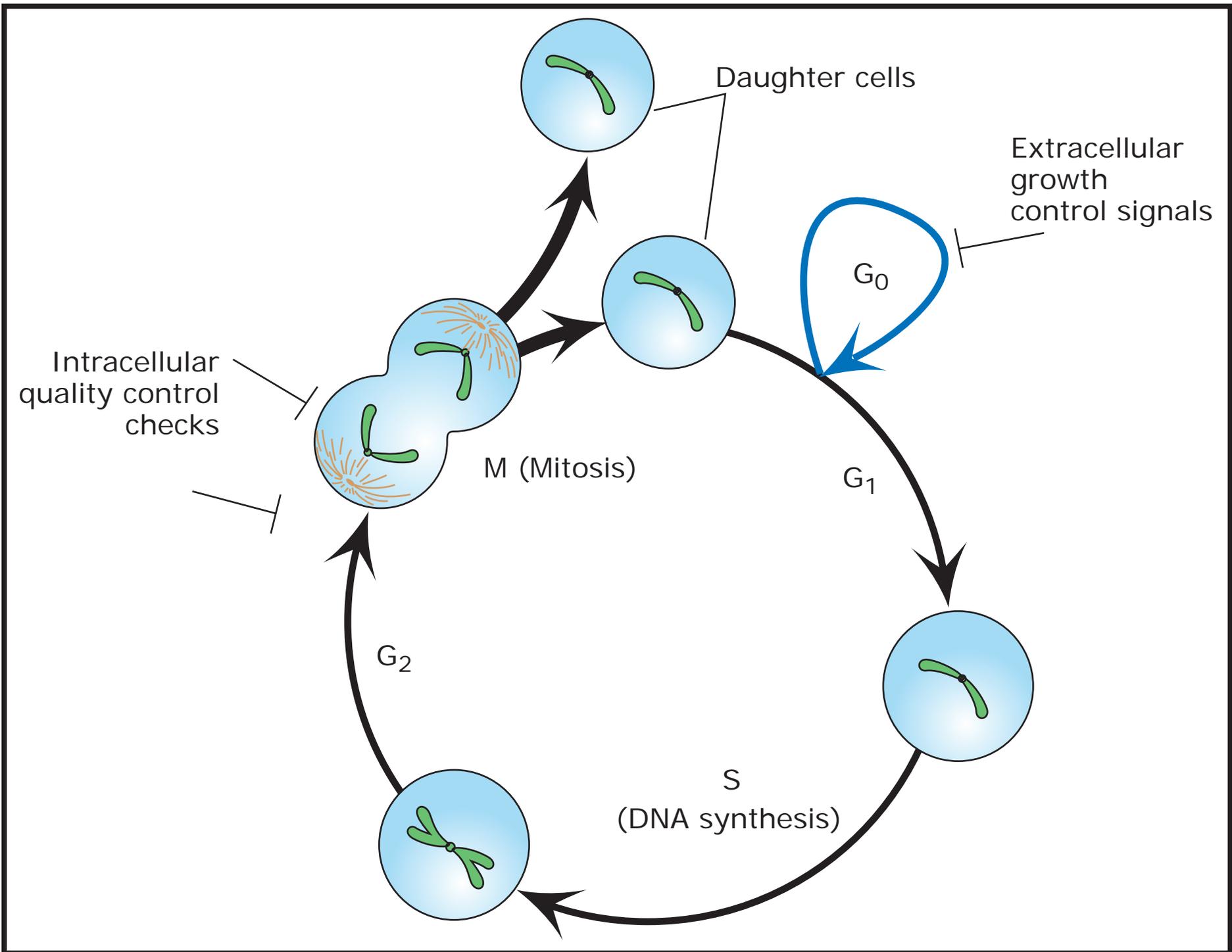


Figure by MIT OCW.

# Cell cycle in *S. cerevisiae*

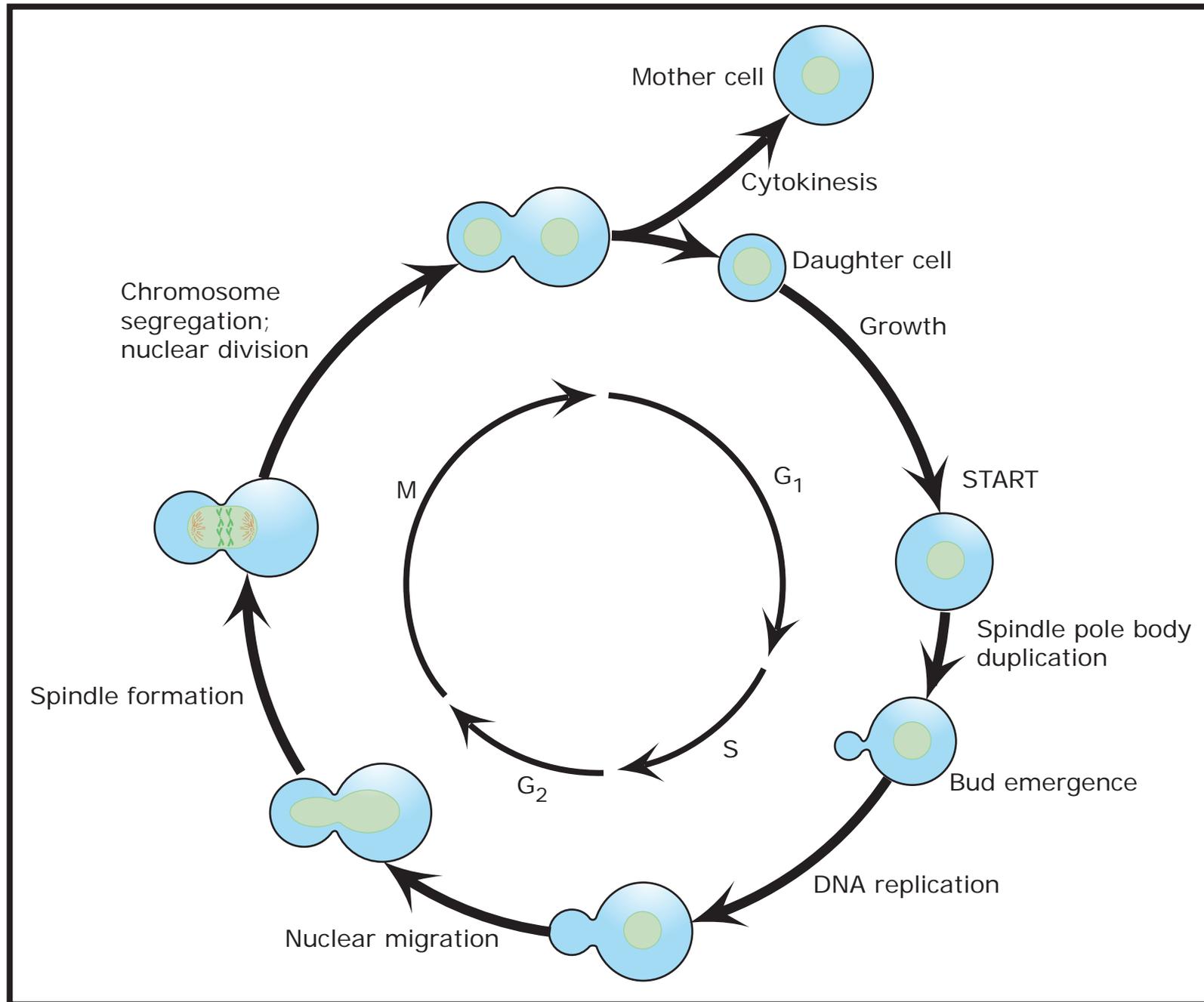


Figure by MIT OCW.

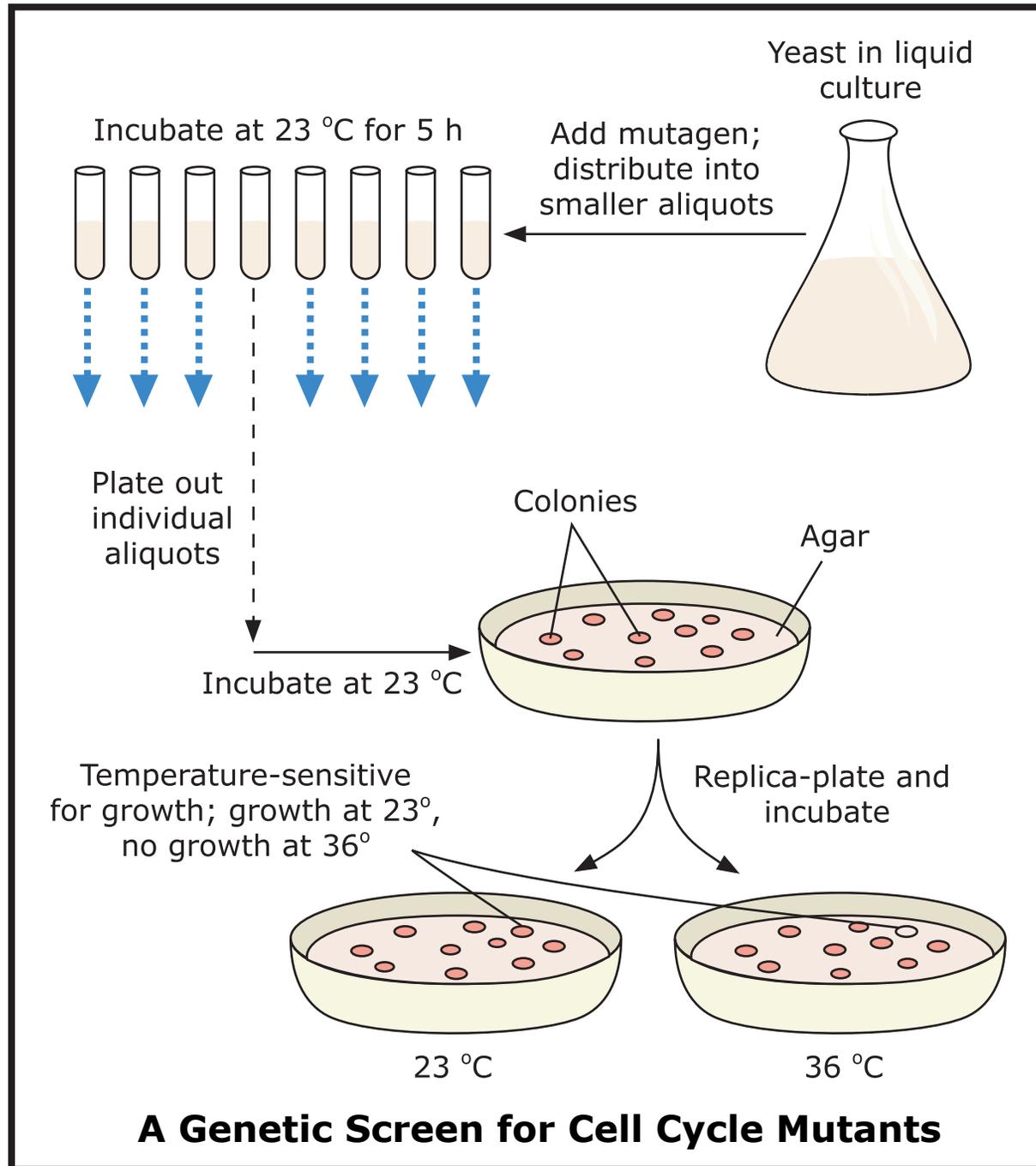


Figure by MIT OCW.