

**Parent plant material Selection**



Leafs, stems, flowers,  
roots, embryos,  
shoots, etc.

**Explants**  
Surface sterilization



**Callus induction**  
Wounding of the explants



**Callus culture**  
Maintenance and mass  
propagation



**Suspension culture**  
Initiation



**Suspension culture**  
Homogenization



**Suspension culture**  
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**Suspension culture**  
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# Plant Cell Culture Protocols

**J Rink**



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