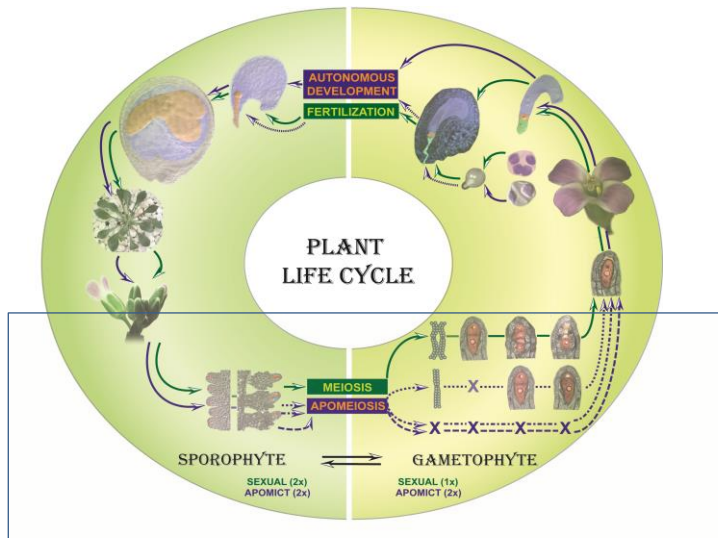


# Title - Systematic analyses of hierarchical shifts underlying somatic to germline transition in plants.

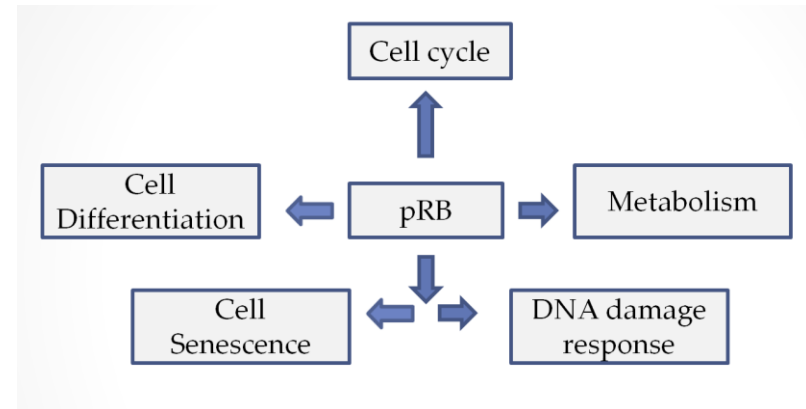
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## Female germline development as primary focus



Alternation of generation between dominant sporophyte (shaded green) and reduced gametophyte (shaded yellow) stages during life cycle of flowering plants. (Figure courtesy: Dr. Olga Kirioukhova)

## Retinoblastoma Protein – Central regulator of multiple signaling hubs



Calzone et al. 2008, Clem et al. 2012, Reactome and KEGG databases