



## **ABSTRACT**

*“Signalling modules controlling the stem cell niche in Arabidopsis”*

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Stem cell fate in shoot and root meristems is controlled by the interaction with the stem cell niche. Several genes (encoding transcription factors or signalling molecules) have been identified in recent years that are essential to promote or restrict stem cell fate. I will discuss some of the mechanisms regulating stem cell fate, and present recent data addressing commonalities and differences between root and shoot meristems.