



Australian
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Della mutants in barley and wheat

Wednesday 28 August 2013 1 – 2pm

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Slatyer Seminar Room R.N. Robertson Building (Bldg. 46), Linnaeus Way, ANU



Gibberellins (GA) play an important role in regulating plant growth, and studies on GA mutants in model species have defined some of the major genes and proteins involved. DELLA proteins are growth repressors that play a central role in GA signalling. They are degraded when GA signalling occurs, which results in growth stimulation. In crop species such as barley and wheat, *Della* mutants have helped in understanding growth regulation by GA, and, in wheat, they also formed the genetic basis for the Green Revolution. I will describe recent results that have characterised new collections of *Della* mutants in these species. These new mutants provide insight into DELLA function, and offer novel alleles that are potentially valuable in cereal breeding.

Presented by

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This lecture is free and open to the public

Plant Science Seminar Series information:
biology.anu.edu.au/News/events-ps.php

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