

RNA Interference

Methods for Plants & Animals

Edited by Tim Doran & Chris Helliwell

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RNA interference (RNAi) has been one of the most exciting and significant new methodologies to appear in the past decade. Exploiting a naturally occurring phenomenon, RNAi's utility stems from both its robustness and its selectivity, and it now finds widespread application in both research and industry. This methods manual provides an introduction to RNA interference, the theory behind its many applications, and specific protocols for RNAi in organisms from plants and *C. elegans* to *Drosophila* and mammals. Also included are chapters covering small hairpin RNAs and viral-induced gene silencing.

The editors, Tim Doran and Chris Helliwell, are research scientists at CSIRO in Australia, where the hairpin RNAi methodology was developed and is now used by research laboratories worldwide.

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