

# Non-canonical Wnt signalling and regulation of gastrulation movements

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Members of the Wnt family have been implicated in a variety of developmental processes including axis formation, patterning of the central nervous system and tissue morphogenesis. Recent studies have shown that a Wnt signalling pathway similar to that involved in the establishment of planar cell polarity in *Drosophila* regulates convergent extension movements during zebrafish and *Xenopus* gastrulation. This finding provides a good starting point to dissect the complex cell biology and genetic regulation of vertebrate gastrulation movements. © 2002 Elsevier Science Ltd. All rights reserved.