METHODS IN MOLECULAR BIOLOGY™ • 461
SERIES EDITOR: *John M. Walker*

Molecular Embryology
Methods and Protocols, Second Edition

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In *Molecular Embryology: Methods and Protocols, Second Edition*, expert investigators provide a comprehensive guide to the cutting-edge methods used across the dramatically growing field of vertebrate molecular embryology. Time-tested techniques take advantage of the most commonly used vertebrate experimental models: murine embryos for their genetics, chick embryos for in vivo manipulation, zebrafish for mutagenesis, amphibian embryos, and nonvertebrate chordates. The second edition collects classic protocols which have become standard techniques in the laboratory and presents them in a complementary fashion with novel and emerging approaches, allowing researcher to become more familiar with commonly studied embryos used in biomedical research. Insightful to the experienced professional, *Molecular Embryology: Methods and Protocols, Second Edition*, presents cutting-edge findings of perhaps the greatest period in growth and productivity in the field of Developmental Biology.

FEATURES

- Provides an excellent source for understanding the strengths and weaknesses of the various vertebrate model organisms
- Comprehensive guide to the cutting-edge methods amongst the dramatically growing field of vertebrate molecular embryology
- Experts in the field thoroughly describe protocols and techniques accompanied by illustrations
- New approaches for efficient production of transgenic zebrafish and microarrays

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