

Evolution and Development

Edited by

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The marriage of evolutionary biology with developmental biology has resulted in the formation of a new field, evolutionary developmental biology, or "evo-devo." This volume reviews current research findings and thought in the broad field of evo-devo, looking at the developmental genetic mechanisms that cause variation and how alterations of these mechanisms can generate novel structural changes in a variety of plant and animal life.

KEY FEATURES

- Reviews current research findings and thought on evolutionary developmental biology, providing researchers an overview and synthesis of the latest research findings and contemporary thought in the area
- Includes chapters discussing the evolutionary development of a wide variety of organisms and allows researchers to compare and contrast how genes are expressed in a variety of organisms—from plants to invertebrates to vertebrates
- Emphasizes the origin, diversification, and underlying molecular control of complex traits through microevolution and macroevolution of development



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