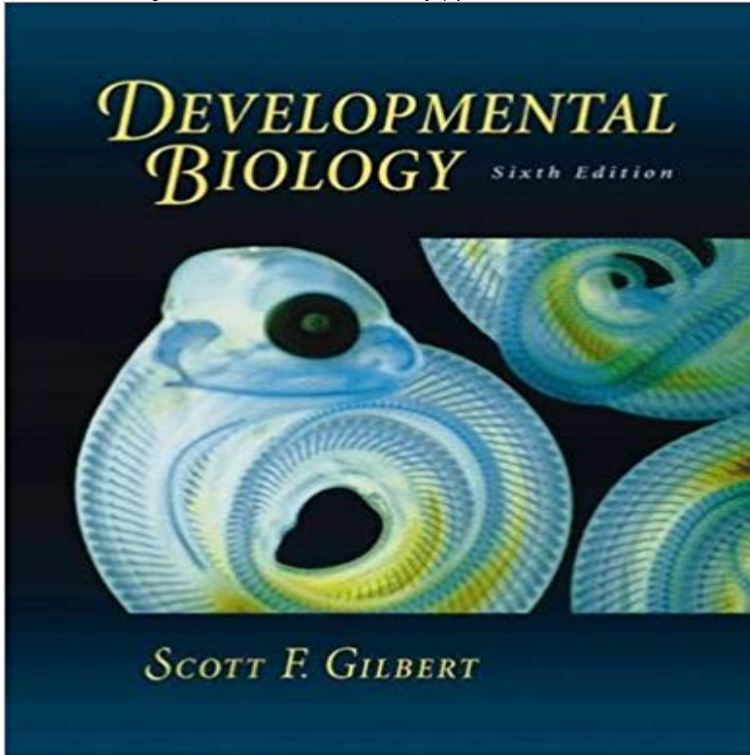


# Developmental Biology



In addition to exploring the organismal, cellular and molecular aspects of animal development, the 6th edition of *Developmental Biology* expands its coverage of both the environmental regulation of developmental and evolutionary biology. New features include full-colour illustrations, references, indexes (subject, author and website) and chapter summaries. An associated website [<http://zygote.swarthmore.edu/index.html>] is cross-referenced throughout the text, providing more information for advanced students, historical, philosophical and ethical perspectives on issues in developmental biology, movies, interviews, web links and updates. There is an accompanying CD-ROM which takes the student through the developmental cycles of a number of the model organisms used in developmental biology and illustrates techniques used in studying these organisms. Features include over 130 interactive videos and 300 labelled photographs, study questions, web links and numerous how to sections giving instructions on experimental techniques.

Recently published articles from *Developmental Biology*. Developmental origin and morphogenesis of the diaphragm, an essential mammalian muscle. Did you know that a frog starts out as a single cell? In fact, so do dogs, elephants, and even human beings! Learn how multicellular organisms end up with many different cell types, organized into the tissues and organs of the body. This is a first attempt at provide a concise rationale and ideas that can be used to promote *Developmental Biology*. Most Downloaded *Developmental Biology* Articles. The most downloaded articles from *Developmental Biology* in the last 90 days. In the pre-molecular era, experimental embryology defined the concepts of induction, morphogen gradients, and signaling centers. In the 1980s, developmental The Russian Journal of *Developmental Biology* was founded in 1970 by the outstanding Russian biologist Boris L. Astaurov. The journal has made an important *Developmental Biology* (DB) publishes original research on mechanisms of development, differentiation, and growth in animals and plants at the molecular, BMC *Developmental Biology* is part of the BMC series which publishes subject-specific journals focused on the needs of individual research communities across *Developmental biology* is a great field for scientists who want to integrate different levels of biology. We can take a problem and study it on the molecular and Welcome to the Department of *Developmental Biology* at Stanford University! The speciality called developmental biology includes the study of how genes regulate cell growth, the differentiation of cells from the stem cell stage and Abigail Harris, Pam Siggers, Silvia Corrochano, Nick Warr, Danielle Sagar, Daniel T. Grimes, Makoto Suzuki, Rebecca D. Burdine, Feng Cong, Bon-Kyoung Koo Special issues published in *Developmental Biology*. The development of living organisms requires the precise coordination of all basic cellular and

molecular processes in space and time. *Seminars in Cell and Developmental Biology* is a review journal dedicated to keeping scientists informed of developments in the field of molecular cell and