



DOWNLOAD



## Developmental Biology: A Very Short Introduction

---

By Lewis Wolpert

Oxford University Press. Paperback. Book Condition: new. BRAND NEW, Developmental Biology: A Very Short Introduction, Lewis Wolpert, From a single cell - a fertilized egg - comes an elephant, a fly, or a human. How does this astonishing feat happen? How does the egg 'know' what to become? How does it divide into the different cells, the separate tissues, the brain, the fingernail - every tiniest detail of the growing foetus? These are the questions that the field of developmental biology seeks to answer. It is an area that is closely linked to genetics, evolution, and molecular biology. The processes are deeply rooted in evolutionary history; the information is held in genes whose vital timings in switching on and off is orchestrated by a host of proteins expressed by other genes. Timing is of the essence. Here, the distinguished developmental biologist Lewis Wolpert gives a concise account of what we now know about development, discussing the first vital steps of growth, the patterning created by Hox genes and the development of form, embryonic stem cells, the timing of gene expression and its management, chemical signalling, and growth. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains...



READ ONLINE  
[ 4.31 MB ]

### Reviews

*Certainly, this is actually the greatest job by any publisher. It is really simplistic but shocks within the 50 % of the pdf. I am just happy to tell you that this is the very best ebook i have read in my own lifestyle and may be he greatest ebook for actually.*

-- Marge Jacobson MD

*The publication is great and fantastic. I actually have read through and i am sure that i am going to planning to go through yet again yet again down the road. I realized this pdf from my dad and i encouraged this publication to understand.*

-- Jamarus Runolfsson