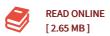




## **Cell Commitment and Differentiation**

By Norman MacLean, Brian Keith Hall

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2009. Paperback. Book Condition: New. 244 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. First published in 1987, this book is about how cells differentiate; that is it describes the way in which cells in animal and plant bodies take on their specialised fates. It has long been recognised that since all such cells retain copies of all genes, the genetic explanation for tissue differences lies in the controlled expression of restricted sets of genes. But how is the choice made and how are such restricted groups of genes activated and regulated? This book discusses these questions and describes both determination and differentiation. The mechanisms that underlie the processes are described for the embryo and in the adult. Determination may occur in adult life during regeneration, wound healing, cancer formation and in the immune and blood systems, and the possible genetic basis for the events is explored. The influence of the cell environment, the cell surface and the pericellular-extracellular matrix as mediators of external signals is discussed.



## Reviews

It is an awesome publication which i actually have ever read through. it had been writtern really properly and valuable. I found out this book from my i and dad recommended this pdf to discover.

-- Doyle Schmeler

This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Brennan Koelpin