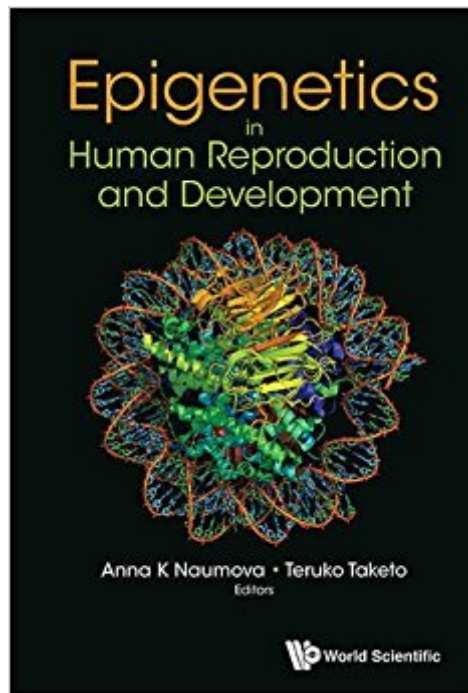




Ebook Directory
the best source of ebook

The book was found

Epigenetics In Human Reproduction And Development



Synopsis

Epigenetics is defined as heritable changes that do not affect the DNA sequence but influence gene expression. Epigenetic changes occur at the levels of DNA, histone, protein, and chromatin structures. Proper epigenetic modifications are essential for cell differentiation and function during development, while some epigenetic modifications are passed on from parents to offspring through gametes. Therefore, alterations of epigenetic states would have serious consequences for human development and health. This realization and the advent of new technologies have encouraged the advance of epigenetic studies in recent years. Nonetheless, many aspects of epigenetics, such as regulatory mechanisms and evolutionary advantages, remain to be better understood. Written by 26 scientists at the forefront of epigenetics research, this book discusses the different facets of epigenetics: from gametogenesis to child development, as well as from mechanistic studies in animal models to reviews of human clinical data. Readership: Professors, scientists, trainees, and residents in the field of reproduction and epigenetics.

Book Information

Hardcover: 350 pages

Publisher: World Scientific Publishing Co; 1 edition (January 10, 2017)

Language: English

ISBN-10: 9813144262

ISBN-13: 978-9813144262

Product Dimensions: 6.1 x 0.7 x 9.1 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,536,221 in Books (See Top 100 in Books) #69 in Books > Textbooks >

Medicine & Health Sciences > Medicine > Basic Sciences > Embryology #133 in Books >

Medical Books > Basic Sciences > Embryology #511 in Books > Engineering & Transportation >

Engineering > Bioengineering > Biomedical Engineering

[Download to continue reading...](#)

Epigenetics and Neuroendocrinology: Clinical Focus on Psychiatry, Volume 1 (Epigenetics and Human Health) Epigenetics in Human Reproduction and Development Sexual Health Information for Teens: Health Tips about Sexual Development, Human Reproduction, and Sexually Transmitted Diseases (Teen Health Series) The Epigenetics Revolution: How Modern Biology Is Rewriting Our Understanding of Genetics, Disease, and Inheritance The Epigenetics Revolution: How Modern

Biology Is Rewriting Our Understanding of Genetics, Disease, and Inheritance (NONE) Nursing:
Human Science And Human Care (Watson, Nursing: Human Science and Human Care) Introducing
Epigenetics: A Graphic Guide (Introducing...) Introducing Epigenetics: A Graphic Guide Epigenetics:
The Death of the Genetic Theory of Disease Transmission Epigenetics Epigenetics, Second Edition
Prudence and Pressure: Reproduction and Human Agency in Europe and Asia, 1700-1900
(Eurasian Population and Family History) How We Do It: The Evolution and Future of Human
Reproduction Principles and Practice of Assisted Human Reproduction, 1e Biology of Human
Reproduction The Human Past: World Prehistory and the Development of Human Societies (Third
Edition) The Human Past: World Prehistory and the Development of Human Societies (Second
Edition) The Human Brain During the Early First Trimester (Atlas of Human Central Nervous System
Development) (Volume 1) Human Caring Science: A Theory of Nursing (Watson, Nursing: Human
Science and Human Care) Where There Is No Midwife: Birth and Loss in Rural India (Fertility,
Reproduction and Sexuality: Social and Cultural Perspectives)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)