



## RNAi and microRNA-Mediated Gene Regulation in Stem Cells

By Baohong Zhang

Springer-Verlag GmbH Jul 2010, 2010. Buch. Book Condition: Neu. 262x189x25 mm. Neuware - Recent stem cell research has revealed that miRNA and RNAi-mediated gene regulation is one of the vital determinates controlling the state of cell differentiation, with the small RNAs serving as key elements involved in regulatory network control of pluripotent cell fate determination. In RNAi and microRNA-Mediated Gene Regulation in Stem Cells: Methods, Protocols, and Applications, expert authors from laboratories across the globe contribute an accessible compendium of up-to-date, proven methods focused on the study of the titular topic. Divided into three sections, the book first gives a brief introduction to RNAi and miRNAs in stem cells, with a focus on the current status of research and future perspectives, then it continues with detailed methods and protocols for RNAi screening, transfection, and the knockdown of specific genes and pathways in several animal species, including humans and mice, concluding with a section on recently developed methods for identification of miRNAs, including a general protocol for preparation and analysis of miRNA libraries for deep sequencing, knock down of a specific gene using miRNA-based shRNA, and miRNA expression analysis using qRT-PCR. Written in the highly successful Methods in Molecular Biology(TM) series...



**READ ONLINE**  
[ 8.22 MB ]

### Reviews

*Merely no words and phrases to describe. I am quite late in start reading this one, but better then never. I found out this ebook from my i and dad encouraged this pdf to find out.*

-- **Hyman Auer**

*I actually started out looking over this publication. It can be writter in easy phrases and never difficult to understand. Your lifestyle span will probably be transform as soon as you comprehensive looking over this ebook.*

-- **Prof. Dayne Crist Sr.**

## Related PDFs



### **Do This! Not That!: The Ultimate Handbook of Counterintuitive Parenting**

Skyhorse Publishing. Paperback / softback. Book Condition: new. BRAND NEW, Do This! Not That!: The Ultimate Handbook of Counterintuitive Parenting, Anna Glas, Ase Teiner, Malou Fickling, There are loads of books covering the basics of getting along with and disciplining children, but...



### **Programming in D**

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



### **Psychologisches Testverfahren**

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### **A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)**

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic. Reprint of original edition. Green edition. Mineola...



### **A Parent s Guide to STEM (Paperback)**

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This lively, colorful guidebook provides everything you need to know to help your child get inspired, succeed...



### **JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2006-01-01 Pages: 179 Publisher: the China Pictorial Our book is all new book of genuine special spot any...