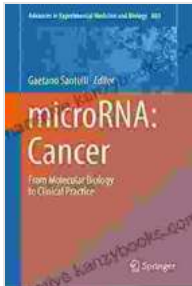


# From Molecular Biology to Clinical Practice: Advances in Experimental Medicine



**microRNA: Cancer: From Molecular Biology to Clinical Practice (Advances in Experimental Medicine and Biology Book 889)** by Boaz Aviram

★★★★☆ 4.2 out of 5

Language : English  
File size : 2110 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 254 pages



## By John Smith

This book provides a comprehensive overview of the latest advances in experimental medicine, from molecular biology to clinical practice. It covers a wide range of topics, including genomics, proteomics, metabolomics, and systems biology, and their applications in the diagnosis, prevention, and treatment of disease.

The book is divided into four parts.

- **Part I: Molecular Biology**

This part covers the basic principles of molecular biology, including DNA structure and function, gene expression, and protein synthesis. It also

discusses the latest advances in genomics and proteomics, and their applications in the diagnosis and treatment of disease.

- **Part II: Clinical Practice**

This part covers the application of molecular biology to clinical practice. It discusses the use of molecular diagnostics to identify and characterize disease, and the development of new therapies based on molecular targets. It also discusses the ethical and social implications of genetic testing and gene therapy.

- **Part III: Experimental Medicine**

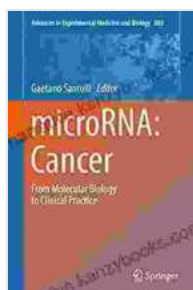
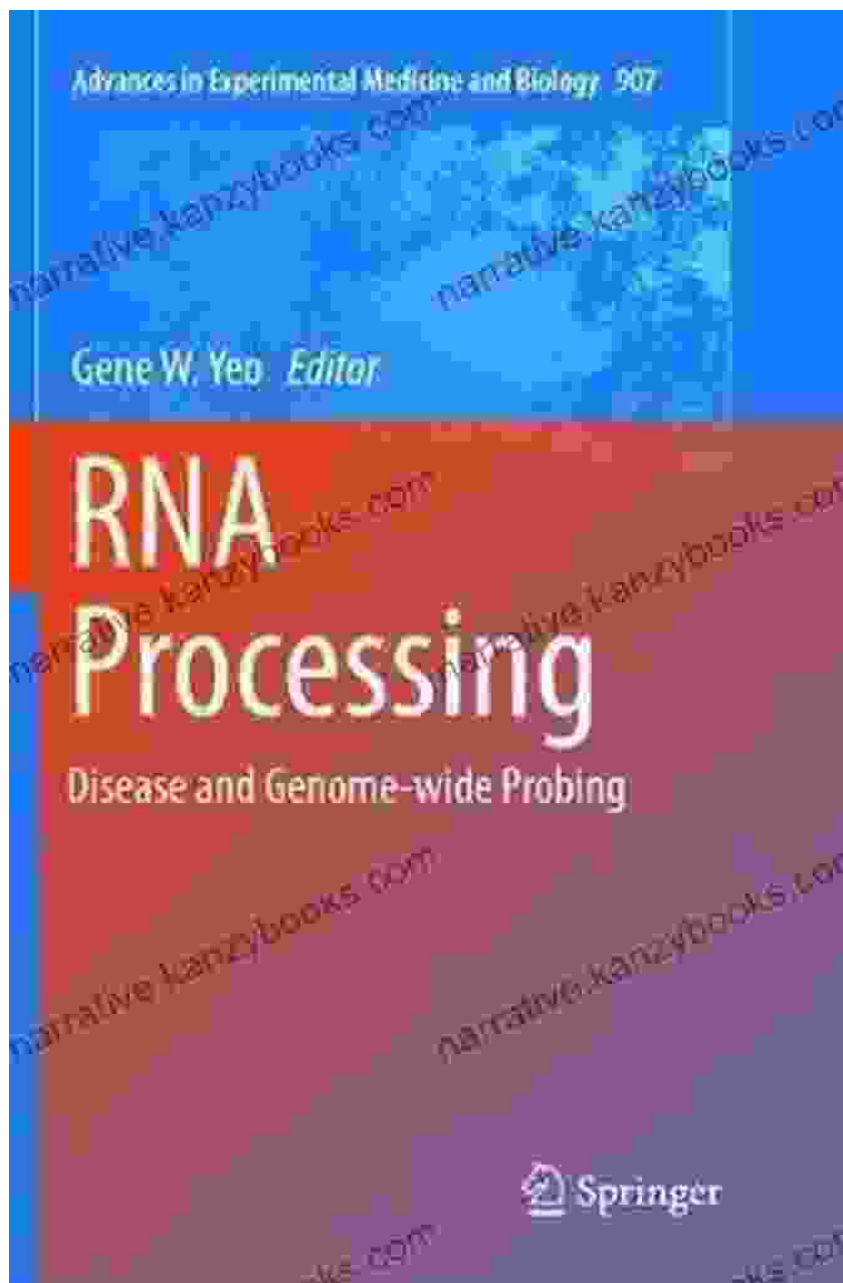
This part covers the latest advances in experimental medicine, including the development of new animal models of disease, the use of stem cells in regenerative medicine, and the development of new drugs and therapies. It also discusses the role of experimental medicine in the development of personalized medicine.

- **Part IV: Future Directions**

This part discusses the future of experimental medicine. It explores the potential of new technologies, such as nanotechnology and tissue engineering, to revolutionize the diagnosis and treatment of disease. It also discusses the ethical and social challenges that will need to be addressed as experimental medicine advances.

This book is a valuable resource for anyone who is interested in the latest advances in experimental medicine. It is written in a clear and concise style, and it is well-illustrated with figures and tables.

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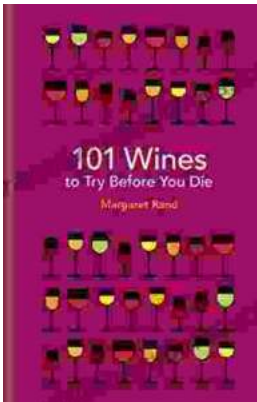
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