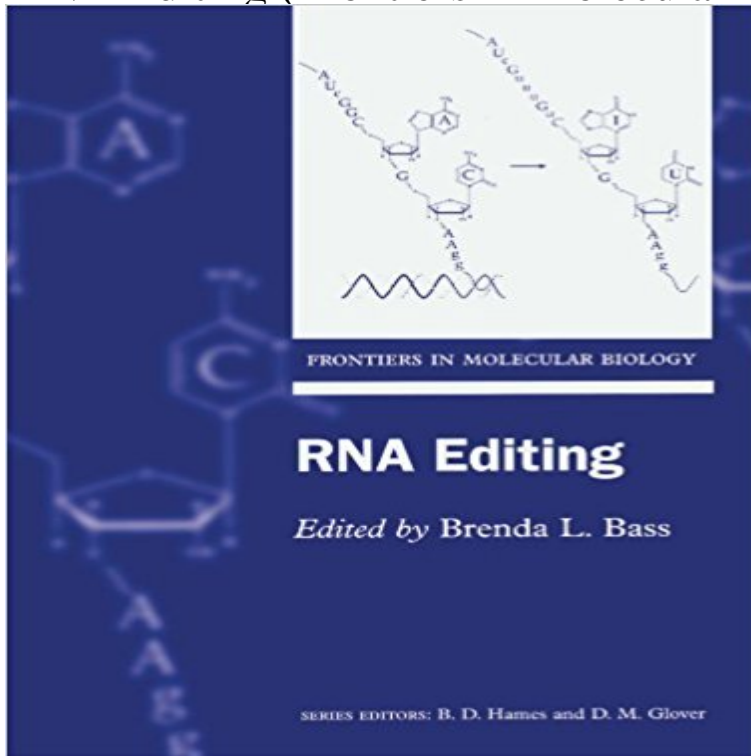


RNA Editing (Frontiers in Molecular Biology)



RNA Editing devotes a chapter to each of the major types of this form of RNA processing. Each chapter is written by a leader in the field and offers fundamental principles, as well as up to date information on recent advances. Numerous examples of RNAs known to be edited are provided throughout the volume, but most importantly, the book highlights the amazing mechanistic diversity found among the various types of RNA editing. RNAs are cleaved, ligated, and deaminated on their way to maturation, and in some cases, their sequence is even altered in the brief moment when RNA polymerase stalls. The chemical reactions that allow RNA editing, and the RNA and proteins that direct the process are all described and will be of interest to students and established researchers in the field as well as those scientists from other disciplines who come across examples of RNA editing.

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