RNA Nanotechnology and Therapeutics

Interest in RNA nanotechnology has increased in recent years as recognition of its potential for applications in nanomedicine has grown. Edited by the world's foremost experts in nanomedicine, this comprehensive, state-of-the-art reference details the latest research developments and challenges in the biophysical and single-molecule approaches in RNA nanotechnology. In addition, the text also provides in-depth discussions of RNA structure for nanoparticle construction, RNA computation and modeling, single-molecule imaging of RNA, RNA nanoparticle assembly, RNA nanoparticles in therapeutics, RNA chemistry for nanoparticle synthesis, and conjugation and labeling.

- Presents the latest research and discoveries in RNA nanotechnology
- Features contributions from world-class experts in the field
- Covers RNA nanoparticles in therapeutics
- Describes self-assembled RNA nanoparticles

2022
9781138312869

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NANOSCIENCE AND NANOTECHNOLOGY

CRC Press
Taylor & Francis Group
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978-1-138-31286-9
9 781138 312869