1. Record Nr. UNINA9911016150203321

Autore	Saha Pradip K
Titolo	Aluminum Extrusion Technology
Pubbl/distr/stampa	Materials Park : , : A S M International, , 2025 ©2025
ISBN	1-62708-487-8 1-62708-486-X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (414 pages)
Disciplina	673/.72234
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Aluminum Extrusion Technology, Second Edition, covers the theory and practice of extrusion and its application in the production of aluminum alloy parts.

2. Record Nr. UNINA9910635394703321

Autore	Byun Wan Gi
Titolo	Discovery of Small-Molecule Modulators of Protein–RNA Interactions for Treating Cancer and COVID-19 / / by Wan Gi Byun
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789811978142 9789811978135
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (156 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	362.1962414
Soggetti	Bioengineering Biotechnology Biophysics Protein folding RNA interference Biological and Physical Engineering Chemical Bioengineering Protein Folding RNA Interference
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Doctoral thesis accepted by Seoul National University, Seoul, Korea (Republic of)"
Nota di contenuto	1. Introduction -- 2. Identification of Small-Molecule Inhibitors of Oncogenic Lin28–Let-7 Interaction -- 3. Discovery of Small-Molecule Modulators of Protein–RNA Interactions by Fluorescence Intensity-Based Binding Assay -- 4. Harnessing Stress Granule Formation by Small Molecules to Inhibit the Cellular Replication of SARS-CoV-2 -- Appendix.
Sommario/riassunto	This book describes the development of novel protein–RNA-binding assays and their applications in a high-throughput manner for the identification of small-molecule modulators of protein–RNA interactions to treat cancer and COVID-19. Modulating protein–RNA interactions with small molecules is expected to provide novel biological insights of the interrelation of diseases with the protein–RNA

interactome. The modulations may also be exploited therapeutically. For these reasons, the development of a simple, reliable, and sensitive protein–RNA-binding assay is necessary for high-throughput screening to discover new effective chemical entities capable of acting on diverse protein–RNA interactions. This book discusses the discovery of small-molecule modulators targeting protein–RNA interactions that are potentially valuable to treat cancer and COVID-19 by constructing novel high-throughput screening methods. The results of this dissertation provide valuable insights into the regulation of protein–RNA interactions in chemical biology and drug development.