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<b>Titolo</b>	Artificial Liver / / edited by Lanjuan Li
<b>Pubbl/distr/stampa</b>	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
<b>ISBN</b>	981-15-5984-8
<b>Edizione</b>	[1st ed. 2021.]
<b>Descrizione fisica</b>	1 online resource (VIII, 569 p.)
<b>Disciplina</b>	617.556
<b>Soggetti</b>	Internal medicine Diseases Transplantation of organs, tissues, etc Internal Medicine Transplantation
<b>Lingua di pubblicazione</b>	Inglese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Monografia
<b>Nota di contenuto</b>	Introduction of artificial liver -- Liver Structure -- Liver Function -- Liver regeneration and tissue engineering -- Causes of liver injury -- Pathogenesis of liver injury and hepatic failure -- Liver pathology -- Laboratory evaluation of hepatic failure -- Imaging examination of hepatic failure -- Diagnosis of hepatic failure -- Internal medical treatment of hepatic failure -- Function mechanism of artificial liver -- Non-biological artificial liver -- Practice standards and management of artificial liver treatment -- Indications and contraindications of artificial liver treatment -- Complications and their prevention of artificial liver treatment -- Efficacy and its evaluation of non-biological artificial liver -- Biological artificial liver -- Hybrid artificial liver -- Cell transplantation therapy of hepatic failure -- Artificial liver and liver transplantation -- Future development of artificial liver.
<b>Sommario/riassunto</b>	This book introduces the clinical application of artificial liver system (ALS) in hepatic failure. It has been widely used in clinics aiming to provide temporary support of liver function while maintaining extra-hepatic function in patients with liver failure. This work comprehensively summarizes the progress of livers and artificial liver, for example, the principle and implementation of Li-ALS, cell transplantation and the combined application of artificial liver and liver

transplantation. It will be helpful for clinicians to implement artificial liver treatment to save the lives of patients with hepatic failure.

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