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Sommario/riassunto	This book will provide readers with a detailed understanding of the ischemic damage to the myocardium after myocardial infarction, as well as essential tools for the treatment of damaged heart after myocardial infarction. It discusses various methods such as pharmacological pre- and post-conditioning, cytokine therapy, and cell therapy especially using Muse cells.The coverage of Muse cell therapy, which includes the latest work done by the author and his collaborators, is a unique feature of the book. Muse cells have self-renewability and have ability to differentiate into cells with the characteristics of all three germ layers from a single cell, while they are non-tumorigenic. It is the first

book to feature the Muse cell therapy, which may offer the new promising therapeutic strategy for acute myocardial infarction. .