



Angiogenesis and direct myocardial revascularization /

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Humana Press,
2005

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Monografía

Despite the rapid progress in surgical and catheter-based revascularization, an alternative treatment strategy is needed for the ever-increasing number of patients who are either not candidates for these therapies or remain symptomatic after revascularization and maximal ongoing medical treatment. In *Angiogenesis and Direct Myocardial Revascularization*, an interdisciplinary panel of pioneers and opinion leaders review the basic, preclinical, clinical, and developmental pathways to new treatment strategies, such as therapeutic angiogenesis and myogenesis. In their assessments, the authors take advantage of new biological understanding, novel therapeutic targets, multiple available and well-studied therapeutic strategies, and the necessary imaging techniques to measure outcomes. Their in-depth discussions cover the identification of new therapeutic targets and pathways, the investigation of transcriptional factors, master switch molecules, cell-based approaches, chemokines, a better understanding of the effects of aging, endothelial dysfunction, and hypercholesterolemia in response to angiogenic stimuli. Highlights include examination of drug delivery problems, outcomes measure, stem therapy, high-risk interventions, development pathways, and future possibilities. Authoritative and state-of-the-art, *Angiogenesis and Direct Myocardial Revascularization* provides all internists, cardiologists, vascular disease specialists, scientists, and industry with a highly effective scientific and clinical basis for helping patients with end-stage ischemic heart disease, peripheral vascular disease, and congestive heart failure

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Título: Angiogenesis and direct myocardial revascularization edited by Roger J. Laham, Donald S. Baim

Editorial: Totowa, N.J. Humana Press 2005

Descripción física: 1 online resource (xi, 357 pages) illustrations

Mención de serie: Contemporary cardiology

Documento fuente: Springer eBooks

Bibliografía: Includes bibliographical references and index

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Lengua: English

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607554895 613462696 648276919 746941907 767172907 814368353 823133341 824164929 994845346
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1074328321 1078045022 1087334361 1162786130 1203984730 1391820536

ISBN: 1588291537 alk. paper) 9781588291530 alk. paper) 1592599346 electronic bk.) 9781592599349 electronic
bk.) 1280359005 9781280359002

Materia: Coronary heart disease Neovascularization Neovascularization, Physiologic Myocardial Revascularization- methods Neovascularization, Pathologic Néovascularisation HEALTH & FITNESS- Diseases-Heart. MEDICAL- Cardiology. Coronary heart disease. Neovascularization.

Autores: Laham, Roger J. Baim, Donald S.

Enlace a formato físico adicional: Print version Angiogenesis and direct myocardial revascularization. Totowa, N. J. : Humana Press, 2005 1588291537 1592599346 (DLC) 2004026636 (OCOLOC)56956470

Punto acceso adicional serie-Título: Contemporary cardiology (Totowa, N.J.)

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