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Titolo	Arteriogenesis and therapeutic angiogenesis / / edited by Paul Quax, Elisabeth Deindl
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2022
Descrizione fisica	1 online resource (220 pages)
Disciplina	610.8
Soggetti	Medicine - Practice Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Although advances in therapeutic interventions improved outcomes, vascular occlusive diseases are still challenging not only afflicted but also attending physicians, requiring novel therapeutic strategies. Arteriogenesis, sometimes also called therapeutic angiogenesis, refers to the body's own capacity to create a natural bypass around a narrowing or occluded arterial vessel. This book gives an insight into current knowledge and advances in vascular sciences and future prospects of therapeutic options. The utility and relevance of circulating biomarkers together with the potential of machine learning methods are discussed as well as the challenges and prospects of novel therapies such as protein- gene-, and stem cell therapy along with multicistronic multigene vectors and the use of microRNAs, exosomes, and secretomes. Vascular smooth muscle phenotype switch as a target to promote arteriogenesis is critically addressed, highlighting the problem of promoting atherosclerosis in parallel. Two articles even deal with cold-inducible RNA-binding protein CIRP/CIRPB presenting it as promising target to promote vascularization concomitant the reduction in ischemic tissue damage. BMPR kinase inhibition is introduced to improve tissue repair in a hereditary form of vascular disorder, and the role of the AP-1 transcription factor JunB in blood vessel formation is described. Some more experimental oriented articles deal with the</p>

relevance of choosing the appropriate mouse strain for investigations as well as in vitro Matrigel plug assay as a potent method to investigate angiogenesis. Last but not least, two-photon intravital microscopy is presented as suitable tool to assess plaque angiogenesis in atherosclerotic lesions.

2. Record Nr.	UNINA9910714992703321
Autore	Pillay Jennifer
Titolo	Behavioral programs for diabetes mellitus / / Jennifer Pillay [and eleven others], editors
Pubbl/distr/stampa	Rockville, MD : , : Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services, , 2015
Descrizione fisica	1 online resource (310 pages) : illustrations
Collana	Evidence report/technology assessment ; ; Number 221
Disciplina	616.46206
Soggetti	Diabetes - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"September 2015."
Nota di bibliografia	Includes bibliographical references.