1. Record Nr. UNINA9910817860603321

Titolo	Real-time PCR : advanced technologies and applications / / Edited by Nick A. Saunders and Martin A. Lee
Pubbl/distr/stampa	Norfolk, England : , : Caister Academic Press, , [2013] ©2013
ISBN	1-908230-87-8
Descrizione fisica	1 online resource (289 p.)
Disciplina	574.873282
Soggetti	Polymerase chain reaction Molecular biology - Technique
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Contributors; Preface; Ch 01: Homogeneous Fluorescent Chemistries for Real-time PCR; Ch 02: Internal and Other Controls for Real-time PCR Validation; Ch 03: Analysis of mRNA Expression by Real-time PCR; Ch 04: Detection of Biothreats by Real-time PCR; Ch 05: Veterinary Applications of Real-time PCR for Detection and Diagnosis of Infectious Agents; Ch 06: Applications in Clinical Microbiology; Ch 07: The Extraction and Purification of Nucleic Acids for Analysis by PCR Ch 08: Oligonucleotide Primers and Probes: Use of Chemical Modifications to Increase or Decrease the Specificity of qPCRCh 09: Real-time PCR Arrays; Ch 10: The Validation of Real-time PCR Assays for Infectious Diseases; Ch 11: MIQE: Guidelines for the Design and Publication of a Reliable Real-time PCR Assay; Ch 12: Management Aspects of Real-time PCR-based Assay Development, Validation, Verification and Implementation; Index
Sommario/riassunto	Real-time PCR technology is an established powerful research tool used in many scientific disciplines and is also utilized for mainstream testing in the regulated markets, such as food, veterinary, and human in-vitro diagnostics. This essential manual provides both the novice and experienced user with an invaluable reference to a wide-range of real-time PCR technologies and applications, and it provides an overview of the theory of this increasingly important technique. Renowned international authors present detailed technical insights into the

underlying principles, methods, and practice of r

2. Record Nr. UNINA9910972048503321

Autore	Volobuev A. N (Andrei Nikolaevich)
Titolo	Biophysical principles of hemodynamics / / A.N. Volobuev, V.I. Koshev, and E.S. Petrov
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61209-864-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (229 p.)
Collana	Cardiology research and clinical developments series
Altri autori (Persone)	KoshevV. I (Valerii Ivanovich) PetrovE. C (Evgenii Sergeevich)
Disciplina	612.1/181
Soggetti	Blood flow Hemodynamics Biophysics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [201]-206) and index.
Nota di contenuto	Laminar current in the smooth rigid tubes -- Rheological blood features -- Short review of existing differential modelles of flow of blood in large blood vessels -- O. Franc's integral model of blood circulation -- Restrictions for the usage of Bernoulli's law for elastic blood vessels -- Stream of nonviscous fluid in tubes with elastic walls -- Streaming of viscosity fluid in elastic blood vessels -- Some questions of theory of regulation of arterial blood vessels -- Turbulent flow in blood vessels.
Sommario/riassunto	In this text, the physiological aspects of the regulation of an arterial bloodstream are mentioned. A review of the existing approaches to make the calculations of a stream of blood in elastic blood vessels is also examined.