

1. Record Nr.	UNINA9910830381603321
Titolo	Angiogenesis assays [[electronic resource]] : a critical appraisal of current techniques / / [edited by] Carolyn A. Staton, Claire Lewis, Roy Bicknell
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Descrizione fisica	1 online resource (420 p.)
Altri autori (Persone)	StatonCarolyn LewisClaire E BicknellR. J (R. John)
Disciplina	612.130724
Soggetti	Blood-vessels - Growth Neovascularization
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	Endothelial cell biology / Femke Hillen, Veerie Meloote, Judy R. van Beijnum and Arjan W. Griffioen -- Endothelial cell proliferation assays / Wen-Sen Lee -- Endothelial cell migration assays / Christos Polytarchou, Maria Hatzia Apostolou and Evangelia Papadimitriou -- Tubule formation assays / Ewen J. Smith and Carolyn A. Staton -- Modelling the effects of the haemodynamic environment on endothelial cell responses relevant to angiogenesis / Gerard B. Nash and Stuart Egginton -- Whole or partial vessel outgrowth assays / Cindy H. Chau and William D. Figg -- Assaying endothelial mural cell interactions / Melissa K. Nix and Karen K. Hirschi -- Assays for membrane and intracellular signalling events / Vittorio Tomasi, Cristiana Griffoni, Spartaco Santi, Patrizia Lenaz, Rosa Anna Iorio, Antonio Strillacci and Enzo Spisni -- Implantation of sponges and polymers / Silvia P. Andrade, Monica A. N. D. Ferreira, and Tai-Ping Fan -- Angiogenesis assays in the chick / Andries Zijlstra, David Mikolon and Dwayne G. Stupack -- Corneal angiogenesis assay / Siqing Shan and Mark W.

Dewhurst --

Dorsal air sac model / Sei Yonezawa, Tomohiro Asai and Naoto Oku -- Chamber assays / Michael D. Menger, Matthias W. Laschke and Brigitte Vollmar -- Tumour models : analysis of angiogenesis in vivo / Sven A. Lang and Oliver Stoeltzing -- Angiomouse : imageable models of angiogenesis / Robert M. Hoffman -- Techniques and advances in vascular imaging in Danio rerio / Kenna R. Mills Shaw and Brant M. Weinstein -- Biological and clinical implications of recruitment of stem cells into angiogenesis / Gianluigi Castoldi, Antonio Cuneo and Gian Matteo Rigolin -- Methods for monitoring of the anti-angiogenic activity of agents in patients : novel trial design / Shannon Smiley, Michael K. K. Wong and Shaker A. Mousa -- An overview of current angiogenesis assays : choice of assay, precautions in interpretation, future requirements and directions / Robert Auerbach.

Sommario/riassunto

Angiogenesis, the development of new blood vessels from the existing vasculature, is essential for physiological growth and over 18,000 research articles have been published describing the role of angiogenesis in over 70 different diseases, including cancer, diabetic retinopathy, rheumatoid arthritis and psoriasis. One of the most important technical challenges in such studies has been finding suitable methods for assessing the effects of regulators of the angiogenic response. While increasing numbers of angiogenesis assays are being described both in vitro and in vivo, it is often still necessary

2. Record Nr.	UNINA9910144160903321
Titolo	Logic Based Program Synthesis and Transformation : 13th International Symposium LOPSTR 2003, Uppsala, Sweden, August 25-27, 2003, Revised Selected Papers // edited by Maurice Bruynooghe
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
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Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (X, 238 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 3018
Disciplina	005.115
Soggetti	Software engineering Computer logic Computer programming Logic, Symbolic and mathematical Artificial intelligence Software Engineering/Programming and Operating Systems Logics and Meanings of Programs Programming Techniques Mathematical Logic and Formal Languages Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talk -- Inductive Theorem Proving by Program Specialisation: Generating Proofs for Isabelle Using Ecce -- Specification and Synthesis -- Predicate Synthesis from Inductive Proof Attempt of Faulty Conjectures -- Correct OO Systems in Computational Logic -- Specification and Synthesis of Hybrid Automata for Physics-Based Animation -- Adding Concrete Syntax to a Prolog-Based Program Synthesis System -- Verification -- Formal Development and Verification of Approximation Algorithms Using Auxiliary Variables -- Formal Reasoning about Efficient Data Structures: A Case Study in ACL2

-- Analysis -- A Program Transformation for Backwards Analysis of Logic Programs -- An Efficient Staging Algorithm for Binding-Time Analysis -- Proving Termination with Adornments -- Transformation and Specialisation -- Constructively Characterizing Fold and Unfold -- Deterministic Higher-Order Patterns for Program Transformation -- From Interpreter to Logic Engine by Defunctionalization -- Linearization by Program Transformation -- Continuation Semantics as Horn Clauses -- Constraints -- Simplification of Database Integrity Constraints Revisited: A Transformational Approach -- Integration and Optimization of Rule-Based Constraint Solvers -- Introducing esra, a Relational Language for Modelling Combinatorial Problems.

Sommario/riassunto

This volume contains selected papers from LOPSTR 2003, the 13th International Symposium on Logic-Based Program Synthesis and Transformation. The LOPSTR series is devoted to research in logic-based program development. Particular topics of interest are specification, synthesis, verification, transformation, specialization, analysis, optimization, composition, reuse, component-based software development, agent-based software development, software architectures, design patterns and frameworks, program refinement and logics for refinement, proofs as programs, and applications and tools. LOPSTR 2003 took place at the University of Uppsala from August 25 to August 27 as part of PLI 2003 (Principles, Logics, and Implementations of High-Level Programming Languages). PLI was an ACM-organized confederation of conferences and workshops with ICFP 2003 (ACM-SIGPLAN International Conference on Functional Programming) and PPDP 2003 (ACM-SIGPLAN International Conference on Principles and Practice of Declarative Programming) as the main events. The LOPSTR community profited from the shared lectures of the invited speakers, and the active scientific discussions enabled by the co-location. LOPSTR 2003 was the thirteenth in a series of events. Past events were held in Manchester, UK (1991, 1992, 1998), Louvain-la-Neuve, Belgium (1993), Pisa, Italy (1994), Arnhem, The Netherlands (1995), Stockholm, Sweden (1996), Leuven, Belgium (1997), Venice, Italy (1999), London, UK (2000), Paphos, Cyprus (2001), and Madrid, Spain (2002).
