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Titolo	Congenital Heart Diseases: The Broken Heart : Clinical Features, Human Genetics and Molecular Pathways // edited by Silke Rickert-Sperling, Robert G. Kelly, David J. Driscoll
Pubbl/distr/stampa	Vienna : , : Springer Vienna : , : Imprint : Springer, , 2016
ISBN	3-7091-1883-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (745 p.)
Disciplina	610
Soggetti	Medicine - Research Biology - Research Cardiology Developmental biology Medical genetics Biomedical Research Developmental Biology and Stem Cells Medical Genetics
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	Section I: General introduction in cardiac development -- Section II: Different chapters covering the different types of congenital heart disease -- Section III: The overall perspective.
Sommario/riassunto	This book provides comprehensive insights into congenital heart disease from embryonic development through to clinical features, including human genetics and our current knowledge of the underlying molecular pathways. It is divided into three parts: an introduction to the development of the heart and its vessels, an overview of the molecular pathways affecting the development of various cardiovascular structures, and a main section focusing on the different types of structural and nonstructural congenital heart diseases, including their clinical features, underlying genetic alterations and related animal models and pathways. Taken together these chapters, which were written by and for clinicians and researchers, provide an integrated and cutting-edge resource for all those who want to learn more about both

the clinical aspects and the genetic and molecular basis of congenital heart disease.
