This 16-chapter, slightly-over-300-page book written by 28 expert contributors from the US and Germany contains within it easy to understand up-to-date knowledge in the field of molecular cardiology suitable for practicing cardiologists and internists.

Subjects of interest range from genetic bases of congenital heart disease, metabolic syndrome and lipoprotein disorders, arrhythmia, hypertrophic cardiomyopathy, heart failure, peripheral vascular disease, and ischemic stroke to predictive genetics in coronary artery disease and perioperative cardiology and lastly to gene-based therapy and pharmacogenomics in antithrombotic therapy. Some of this state-of-the-art information is now readily in practice and a few are in road to become available and widespread in the near future.

Readers will not only appreciate how much have been achieved in this rapidly advancing cardiovascular genomics but also envision a bright horizon for our ability to much more precisely define individual cardiac risks and tailor precision therapy based space the many incoming molecular biomarkers.

Many well written diagrams and well-illustrated figures as well as quite a number of useful tables add significantly to convenient reading and future reference use.

Lastly, we must commend the effort of the two notable editors, Drs. Ginsburg and Willard who both are well known in the field of molecular cardiology and molecular genetics, respectively for having made this book not just a document of scientific updates but a truly informative and readable medium for those less familiar to the field.