

Genome-Wide Association Studies

From Polymorphism to Personalized Medicine

Edited by
Krishnarao Appasani
Forewords by Stephen W. Scherer
and Peter M. Visscher

Appasani

Genome-Wide Association Studies

“This excellent book, covering a wide-range of topics and their practical applications in this field, is to be recommended for readers who are interested in or engaged in genomic medicine.”

Takuya Awata, *Professor of Diabetes, Endocrinology and Metabolism, International University of Health and Welfare Hospital, Tochigi, Japan*

“... details how the huge experimental efforts of GWAS can be put into both a biological and medically relevant context... an excellent read for any researcher trying to understand the functional effect of genetic disease association with complex disease.”

Tara Caffrey, *Research Fellow of Physiology, University of Oxford, UK*

“This highly informative book combines current knowledge of GWAS with the pathophysiology and epidemiology of human disease and health conditions, and the implications for the development of personalized and precision medicine. The combination of technical, scientific, medical, and pharmaco-economic aspects makes this a valuable book for scientists and medical specialists working in the field.”

Christine Günther, *Chief Executive Officer, apceth GmbH & Co. KG, Munich, Germany*

“... summarizes, most elegantly, the contributions of GWAS as a major discovery tool linking complex disease phenotypes to genetic variants and associated biological pathways and gene networks that were previously unknown. GWAS has transformed the genetic landscape in complex disease and has informed us more about the genetic underpinnings of common diseases and pharmacogenomics traits than any other tool to date.”

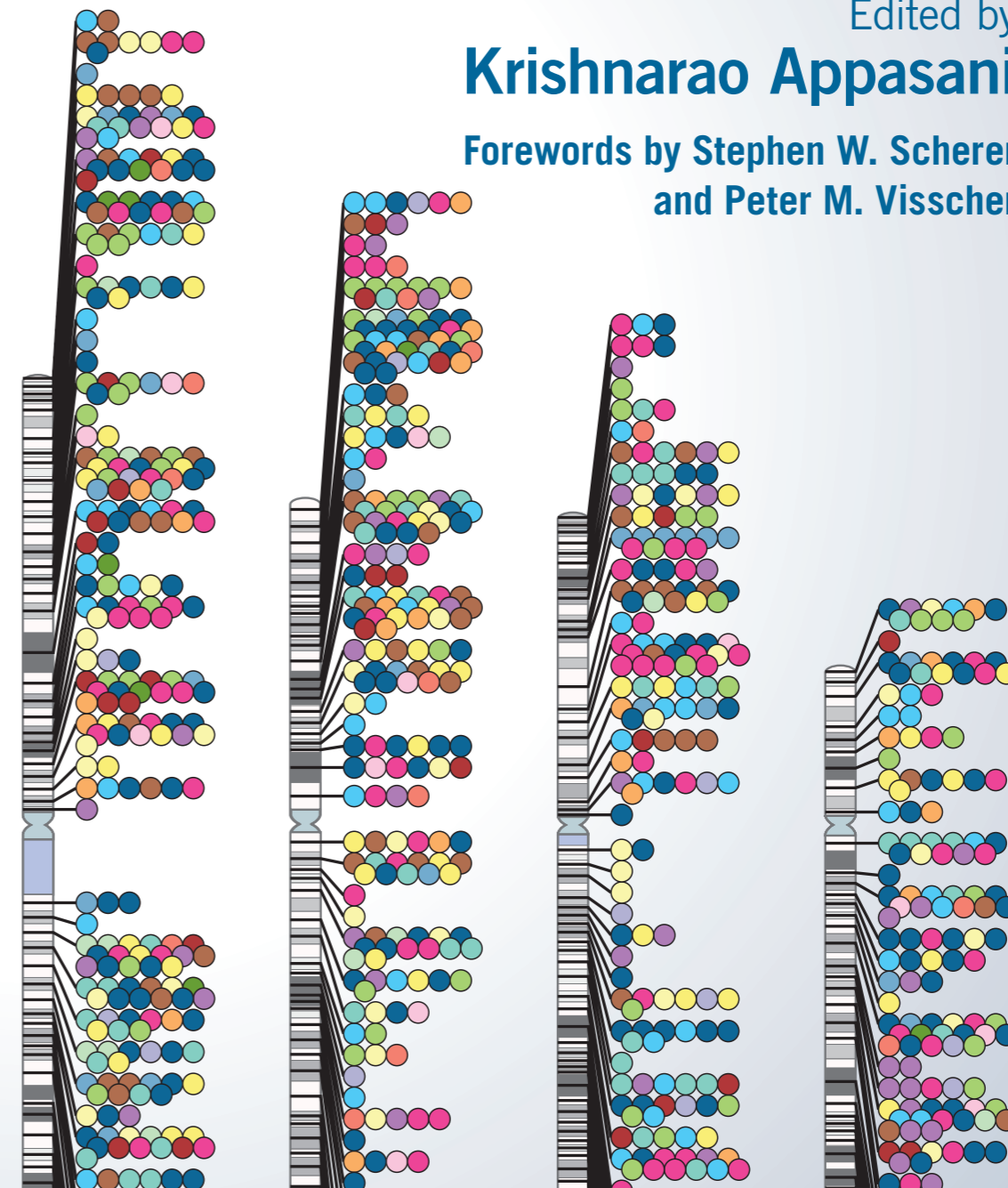
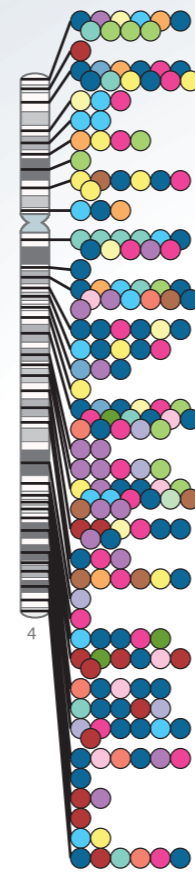
Hakon Hakonarson, *Professor of Pediatrics, University of Pennsylvania, USA*

“... with an impressive and diverse list of contributors, this will become a highly valuable resource for both experts and researchers entering the field.”

Jeanette Schmidt, *Vice President of Informatics, Affymetrix, Inc., Santa Clara, USA*

KRISHNARAO APPASANI is the Founder and Chief Executive Officer of GeneExpression Systems, a global conference-producing organization focusing on biomedical and physical sciences. He is an award-winning scientist and also the editor of *Epigenomics: From Chromatin Biology to Therapeutics* (2012); *MicroRNAs: From Basic Science to Disease Biology* (2007), and *RNA Interference: From Basic Science to Drug Development* (2005), all published by Cambridge University Press.

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