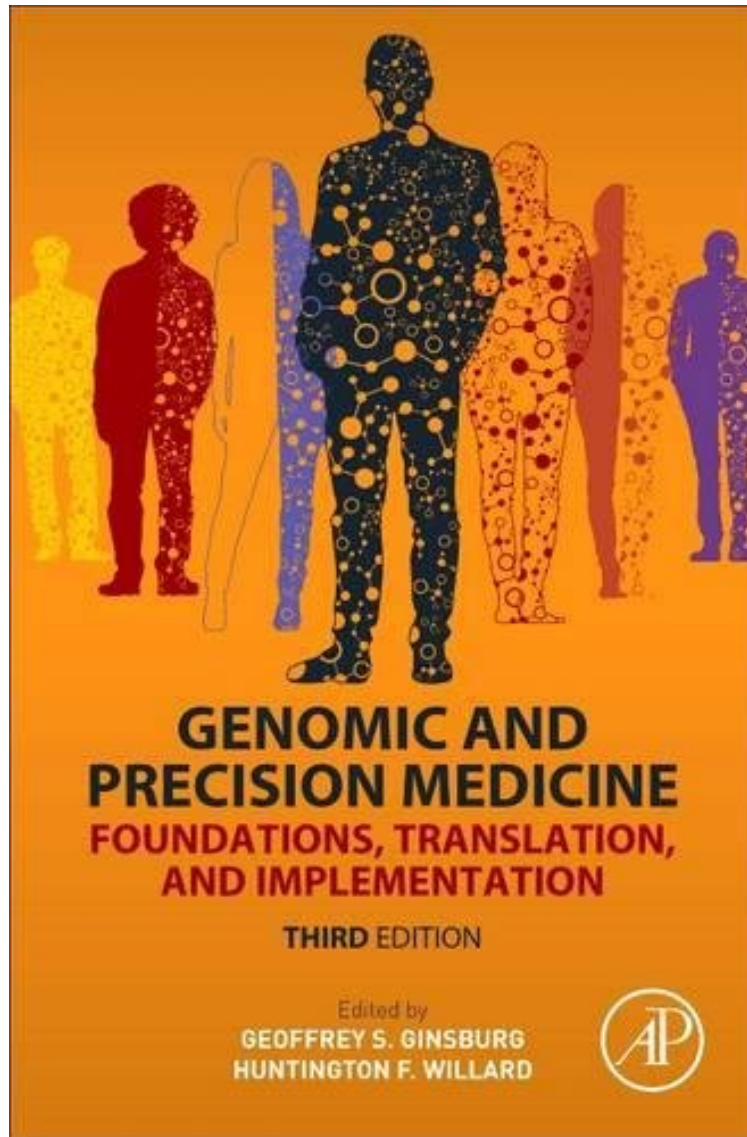


Genomic and Precision Medicine, Third Edition: Foundations, Translation, and Implementation

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Genomic and Precision Medicine, Third Edition: Foundations, Translation, and Implementation:

Genomic and Precision Medicine: Foundations, Translation, and Implementation highlights the various points along the continuum from health to disease where genomic information is impacting clinical decision-making and leading to more personalization of health care. The book pinpoints the challenges, barriers, and solutions that have been, or are being, brought forward to enable translation of genome based technologies into health care. A variety of infrastructure (data systems and EMRs), policy (regulatory, reimbursement, privacy), and research (comparative effectiveness research, learning health system approaches) strategies are also discussed. Readers will find this volume to be an invaluable resource for the translational genomics and implementation science that is required to fully realize personalized health care. Provides a comprehensive volume on the translation and implementation of biology into health care provision. Presents succinct commentary and key learning points that will assist readers with their local needs for translation and implementation. Includes an up-to-date overview on major translational events in genomic and personalized medicine, along with lessons learned.

About the Author Dr. Ginsburg is the founding Director of the Center for Applied Genomics Precision Medicine in the Duke Institute for Genome Sciences Policy. He is also Professor of Medicine and of Pathology at Duke University Medical Center, Professor of Biomedical Engineering at Duke Pratt School of Engineering, and Co-Director of the Duke Translational Medicine Institute. Huntington Willard is on the faculty of the Department of Human Genetics at the University of Chicago. Prior to this appointment, Willard was the President and Director of the Marine Biological Laboratory and Professor of Human Genetics at the University of Chicago. He was previously on the faculty at Duke University, where he was founding director of the university-wide Duke Institute for Genome Sciences Policy from 2003 to 2014, the Nanaline H. Duke Professor of Genome Sciences, and the Arts Sciences Professor of Biology Genome Sciences.