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Nota di contenuto	Intro -- A Note on the Text -- Introduction -- The Conversation -- I. James Watson's Legacy -- II. In the Lab -- III. Chromosome 7 -- IV. Back to Basics -- V. Revolutionary Stirrings -- VI. Going Global -- VII. Variability and Evolution -- VIII. Causes and Implications -- IX: Towards Treatment -- X. The Definition of Disease -- XI. Probing Deeper -- XII. Ethical and Societal Issues -- XIII. Future Possibilities -- XIV. Contact with Autism -- XV. Nobel Thoughts -- XVI. The Human Condition -- Continuing the Conversation.
Sommario/riassunto	This book is based on an in-depth filmed conversation between Howard Burton and Stephen Scherer, the GlaxoSmithKline Research Chair in Genome Sciences at the Hospital for Sick Children and University of Toronto. Stephen Scherer discusses his lifelong passion for science that culminated in his groundbreaking discovery of copy-number variation. This wide-ranging conversation also covers his exciting work in autism research and how copy number variation brings us a deeper understanding of both human variability and disease. This carefully-edited book includes an introduction, More Things in DNA, Horatio..., and questions for discussion at the end of each chapter. Howard Burton was the Founding Director of Canada's Perimeter Institute for Theoretical Physics. He holds a PhD in theoretical physics and an MA in philosophy. This book is part of an expanding series of 100+ Ideas Roadshow conversations, each one presenting a wealth of candid insights from a leading expert in a focused yet informal setting

to provide a uniquely accessible window into frontline research and scholarship that wouldn't otherwise be encountered through standard lectures and textbooks.
