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Nota di contenuto	Chapter 1: Vaccines in the 21st Century -- Chapter 2: Smallpox and Immunity: Success Precedes Science -- Chapter 3: Rabies: From Attenuation to Inactivation -- Chapter 4: Yellow Fever: America Goes to War -- Chapter 5: Influenza: An Elusive and Evasive Foe -- Chapter 6: Poliovirus – An Insidious Plague -- Chapter 7: Measles/Mumps/Rubella (MMR): The Childhood Trifecta -- Chapter 8: Hepatitis B Virus – Blood, Sex, and Drugs -- Chapter 9: Hepatitis A Virus – Feces, Food, and Fomites -- Chapter 10: Herpes Varicella Zoster – The Other Pox (Chickenpox) -- Chapter 11: Rotavirus – The Democratic Virus -- Chapter 12: Human Papillomaviruses - An Ancient Enemy -- Chapter 13: SARS-Coronavirus-2 - The Unexpected Plague -- Chapter 14: Respiratory Syncytial Virus – A Shape-Shifting Adversary -- Chapter 15: The Fight Continues - Virus Without Vaccines.
Sommario/riassunto	This book guides through the fascinating history of viral vaccines, from the first primitive smallpox vaccination in the 18th century to the cutting-edge RSV formulation approved in 2023. Each chapter delves

into the scientific, clinical, and social forces that led to the development of these life-saving medical innovations, highlighting the scientists who played pivotal roles. With a focus on making complex science accessible and history engaging, this book offers a comprehensive portrayal of virology, vaccinology and the interplay between science and society in shaping public health. Readers will explore key concepts such as the evolution of vaccine technology over time, from cowpox material to mRNA vaccines, and a wide array of other topics, including the eradication of diseases through vaccines, the challenges of immunization against influenza, and the revolutionary impact of COVID-19 vaccination. The author, microbiologist Professor Wilson, provides expert analysis on how sociological factors influenced vaccine progress and gets to the bottom of the question of why there is still no vaccine for some critical diseases. This book is a must-read for anyone with an interest in viruses and vaccines. Whether you're a researcher or simply fascinated by medical history, this book promises to be both informative and entertaining.
