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## Jonas Salk and the Polio Vaccine

Why another book about vaccines? There are already a few extremely well-written medical textbooks that provide comprehensive, state-of-the-art technical reviews regarding vaccine science. Additionally, in the past decade alone, a number of engrossing, provocative books have been published on various related issues ranging from vaccines against specific diseases to vaccine safety and policy. Yet there remains a significant gap in the literature — the history of vaccines. *Vaccines: A Biography* seeks to fill a void in the extant literature by focusing on the history of vaccines and in so doing, recounts the social, cultural, and scientific history of

vaccines; it places them within their natural, historical context. The book traces the lineage — the “biography” — of individual vaccines, originating with deeply rooted medical problems and evolving to an eventual conclusion. Nonetheless, these are not “biographies” in the traditional sense; they do not trace an individual’s growth and development. Instead, they follow an idea as it is conceived and developed, through the contributions of many. These are epic stories of discovery, of risk-takers, of individuals advancing medical science, in the words of the famous physical scientist Isaac Newton, “by standing on the shoulders of giants.” One grant reviewer described the book’s concept as “triumphalist”; although meant as an indictment, this is only partially inaccurate.

### World Population and Human Values

“Riveting . . . [The Vaccine Race] invites comparison with Rebecca Skloot’s 2007 *The Immortal Life of Henrietta Lacks*.” “Nature — This is a story about the war against disease—a war without end—and the development of enormously important vaccines, but in telling that story, in showing how science works, Meredith Wadman reveals much more. I loved this book.” —John M. Barry, *New York Times* bestselling author of *The Great Influenza* The epic and controversial story of a major breakthrough in cell biology that led to the conquest of rubella and other devastating diseases. Until the late 1960s, tens of thousands of American children suffered crippling birth defects if their mothers had been exposed to rubella, popularly known as German measles, while pregnant; there was no vaccine and little understanding of how the disease devastated fetuses. In June 1962, a young biologist in Philadelphia, using tissue extracted from an aborted fetus from Sweden, produced safe, clean cells that

allowed the creation of vaccines against rubella and other common childhood diseases. Two years later, in the midst of a devastating German measles epidemic, his colleague developed the vaccine that would one day wipe out homegrown rubella. The rubella vaccine and others made with those fetal cells have protected more than 150 million people in the United States, the vast majority of them preschoolers. The new cells and the method of making them also led to vaccines that have protected billions of people around the world from polio, rabies, chicken pox, measles, hepatitis A, shingles and adenovirus. Meredith Wadman's masterful account recovers not only the science of this urgent race, but also the political roadblocks that nearly stopped the scientists. She describes the terrible dilemmas of pregnant women exposed to German measles and recounts testing on infants, prisoners, orphans, and the intellectually disabled, which was common in the era. These events take place at the dawn of the battle over using human fetal tissue in research, during the arrival of big commerce in campus labs, and as huge changes take place in the laws and practices governing who "owns" research cells and the profits made from biological inventions. It is also the story of yet one more unrecognized woman whose cells have been used to save countless lives. With another frightening virus imperiling pregnant women on the rise today, no medical story could have more human drama, impact, or urgency today than *The Vaccine Race*.

### Jonas Salk

Recounts the successful search of Jonas Salk for the vaccine that conquered polio.

### The Story of Jonas Salk and the Discovery of the Polio Vaccine

A definitive history of vaccination ranges from Edward Jenner's 1796 creation of the world's first smallpox inoculation to the present day, looking at both the benefits of vaccination as well as the current controversy over their potential neurological side effects and the pharmaceutical companies' emphasis on treatment rather than prevention.

### Boys' Life

Today, pharmaceutical companies, HMOs, insurance carriers, and the health care system in general may often puzzle and frustrate the general public—and even physicians and researchers. By contrast, from the 1880s through the 1950s Americans enthusiastically embraced medicine and its practitioners. *Picturing Medical Progress from Pasteur to Polio* offers a refreshing portrait of an era when the public excitedly anticipated medical progress and research breakthroughs. This unique study with 130 archival illustrations drawn from newspaper sketches, caricatures, comic books, Hollywood films, and LIFE magazine photography analyzes the relationship between mass media images and popular attitudes. Bert Hansen considers the impact these representations had on public attitudes and shows how media portrayal and popular support for medical research grew together and reinforced each other.

### The Self Improvement Book

Salk suggests how ways of thinking that make use of the extensive biological knowledge at the molecular, cellular, and

organismic levels we have acquired during recent decades can be extended and applied to some of the vital social, psychological and ethical problems we face.

### A New Reality

Featured on CBS This Morning, Squawk Box, MSNBC, CNN, Bloomberg, Forbes, Fast Company, The New York Times, and more. "Reading Face to Face is like being a fly on the wall, watching Brian Grazer work his magic. Utterly entertaining, this is how you become Hollywood's best producer." "Malcolm Gladwell, author of Talking to Strangers  
Legendary Hollywood producer and author of the bestselling A Curious Mind, Brian Grazer is back with a captivating new book about the life-changing ways we can connect with one another. Much of Brian Grazer's success—as a #1 New York Times bestselling author, Academy Award-winning producer, father, and husband—comes from his ability to establish genuine connections with almost anyone. In Face to Face, he takes you around the world and behind the scenes of some of his most iconic movies and television shows, like A Beautiful Mind, Empire, Arrested Development, American Gangster, and 8 Mile, to show just how much in-person encounters have revolutionized his life—and how they have the power to change yours. With his flair for intriguing stories, Grazer reveals what he's learned through interactions with people like Bill Gates, Taraji P. Henson, George W. Bush, Barack Obama, Eminem, Prince, Spike Lee, and the Afghani rapper activist Sonita: that the secret to a bigger life lies in personal connection. In a world where our attention is too often focused downward at our devices, Grazer argues that we are missing an essential piece of the human experience. Only when we are face to face, able to look one another in the eyes, can we form the

kinds of connections that expand our world views, deepen our self-awareness, and ultimately lead to our greatest achievements and most meaningful moments. When we lift our eyes to look at the person in front of us, we open the door to infinite possibility.

### Anatomy of Reality

Jonas Salk: The Battle Against Polio, will introduce young readers to one of the epic efforts of the 20th century: the campaign to find a polio vaccine. In this book, students are invited to take part in a discussion about the history of vaccines, social policy and medical ethics. Jonas Salk: The Battle Against Polio is more than a biography. It is a window into the relationship between science and society. The book reviews the contributions of vaccine pioneers such as Louis Pasteur and Edward Jenner. It discusses the difference between vaccines that use attenuated viruses and those that use killed viruses. The terminology in the book is very accessible. The tone is congenial. Difficult words are underlined and defined in the back of the book. This makes the book suitable for students as young as nine and those who may be in middle school, or even high school. The issues addressed in Jonas Salk: The Battle Against Polio are relevant today. Concern about the safety of vaccines has led many to reject this health intervention. Are safety concerns legitimate? Are vaccines essential to public health? This book will give students the background information to consider these questions intelligently. A brief map study section is included, as are a reading skills challenge and a vocabulary challenge. As with all Rhythm Prism books, the text is accompanied by pictures that add interest and information. With the addition of these pictures, a student is more likely to

be engaged than would be the case with a book that has many pages of unbroken text. Jonas Salk: The Battle Against Polio will leave a lasting impression on students and will provide them with a foundation for understanding basic concepts about immunity and modern healthcare issues.

### Jonas Salk

### Jonas Salk: Medical Innovator and Polio Vaccine Developer

### Man Unfolding

Now an HBO® Film starring Oprah Winfrey and Rose Byrne  
#1 NEW YORK TIMES BESTSELLER Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor black tobacco farmer whose cells—taken without her knowledge in 1951—became one of the most important tools in medicine, vital for developing the polio vaccine, cloning, gene mapping, and more. Henrietta's cells have been bought and sold by the billions, yet she remains virtually unknown, and her family can't afford health insurance. This phenomenal New York Times bestseller tells a riveting story of the collision between ethics, race, and medicine; of scientific discovery and faith healing; and of a daughter consumed with questions about the mother she never knew.

### Face to Face

When a waiting world learned on April 12, 1955, that Jonas Salk had successfully created a vaccine to prevent

poliomyelitis, he became a hero overnight. Born in a New York tenement, humble in manner, Salk had all the makings of a twentieth-century icon--a knight in a white coat. In the wake of his achievement, he received a staggering number of awards and honors; for years his name ranked with Gandhi and Churchill on lists of the most revered people. And yet the one group whose adulation he craved--the scientific community--remained ominously silent. "The worst tragedy that could have befallen me was my success," Salk later said. "I knew right away that I was through--cast out." In the first complete biography of Jonas Salk, Charlotte DeCroes Jacobs unravels Salk's story to reveal an unconventional scientist and a misunderstood and vulnerable man. Despite his incredible success in developing the polio vaccine, Salk was ostracized by his fellow scientists, who accused him of failing to give proper credit to other researchers and scorned his taste for media attention. Even before success catapulted him into the limelight, Salk was an inscrutable man disliked by many of his peers. Driven by an intense desire to aid mankind, he was initially oblivious and eventually resigned to the personal cost--as well as the costs suffered by his family and friends. And yet Salk remained, in the eyes of the public, an adored hero. Based on hundreds of personal interviews and unprecedented access to Salk's sealed archives, Jacobs' biography offers the most complete picture of this complicated figure. Salk's story has never been fully told; until now, his role in preventing polio has overshadowed his part in co-developing the first influenza vaccine, his effort to meld the sciences and humanities in the magnificent Salk Institute, and his pioneering work on AIDS. A vivid and intimate portrait, this will become the standard work on the remarkable life of Jonas Salk.

## Genesis of the Salk Institute

A history of the 1950s polio epidemic that caused panic in the United States examines the competition between Salk and Sabin to find the first vaccine and its implications for such issues as government testing of new drugs and manufacturers' liability.

## Jonas Salk

Dr. Jonas Salk finds the cure for polio in this inspiring, educational, and timely nonfiction picture book. Jonas Salk wasn't seen as a brave hero—not at first. As a child he was quiet and unassuming, but Jonas dreamed of *tikkun olam*, the Jewish phrase for “healing the world.” He saw the polio virus strike his city, and he knew that with determination and hard work, he could be the one to stop its spread. So he grew up to study medicine, ultimately creating the polio vaccine that saved untold numbers of lives—and healed the world! With Dean Robbins’s inspiring text and Mike Dutton’s dynamic illustrations, *Thank You, Dr. Salk!* is a true story of trials, triumph, and what it takes to achieve your dreams. An author’s note provides additional insight into Dr. Salk’s life and impact.

## Henry Kaplan and the Story of Hodgkin's Disease

This highly original work presents laboratory science in a deliberately skeptical way: as an anthropological approach to the culture of the scientist. Drawing on recent work in literary criticism, the authors study how the social world of the laboratory produces papers and other “texts,” and how the scientific vision of reality becomes that set of statements

considered, for the time being, too expensive to change. The book is based on field work done by Bruno Latour in Roger Guillemin's laboratory at the Salk Institute and provides an important link between the sociology of modern sciences and laboratory studies in the history of science.

### The Circadian Code

Vaccines have saved more lives than any other single medical advance. Yet today only four companies make vaccines, and there is a growing crisis in vaccine availability. Why has this happened? This remarkable book recounts for the first time a devastating episode in 1955 at Cutter Laboratories in Berkeley, California, that has led many pharmaceutical companies to abandon vaccine manufacture. Drawing on interviews with public health officials, pharmaceutical company executives, attorneys, Cutter employees, and victims of the vaccine, as well as on previously unavailable archives, Dr. Paul Offit offers a full account of the Cutter disaster. He describes the nation's relief when the polio vaccine was developed by Jonas Salk in 1955, the production of the vaccine at industrial facilities such as the one operated by Cutter, and the tragedy that occurred when 200,000 people were inadvertently injected with live virulent polio virus: 70,000 became ill, 200 were permanently paralyzed, and 10 died. Dr. Offit also explores how, as a consequence of the tragedy, one jury's verdict set in motion events that eventually suppressed the production of vaccines already licensed and deterred the development of new vaccines that hold the promise of preventing other fatal diseases.

### Splendid Solution

A study of Australian nurse Sister Elizabeth Kenny and her efforts to have her unorthodox methods of treating polio accepted as mainstream polio care in the United States during the 1940s. A case study of changing clinical care, and an examination of the hidden politics of philanthropies and medical societies.

### Growing Pathogens in Tissue Cultures

### Shots in the Dark

This work is a personal account of the origins and early years of the Salk Institute for Biological Studies. Bourgeois crafts an engaging study that draws on her involvement with the Institute and on related archives, interviews, and informal conversations. The volume discusses the people who founded the Institute and built a home for renowned research-leading scientists of the time as well as non-scientists of stature in finance, politics, philanthropy, publishing, and the humanities. The events that brought people together, the historic backdrop in which they worked, their personalities, their courage and their visions, their clash of egos and their personal vanities are woven together in a rich, engaging narrative about the founding of a world-premier research institution.

### Jonas Salk

Tells the story of Jonas Salk's involvement in the development of a polio vaccine. Written in graphic-novel format.

## Vaccination Against Smallpox

Discover the fascinating life of world-renowned scientist Jonas Salk, whose pioneering discoveries changed the world forever. Dr. Jonas Salk is one of the most celebrated doctors and medical researchers of the 20th century. The child of immigrants who never learned to speak English, Jonas was struck by the devastation he saw when the soldiers returned from battle after WWII. Determined to help, he worked to become a doctor and eventually joined the team that created the influenza vaccine. But Jonas wanted to do more. As polio ravaged the United States--even the president was not immune!--Jonas decided to lead the fight against this terrible disease. In 1952, Dr. Jonas Salk invented the polio vaccine, which nearly eliminated polio from this country. For the rest of his life, Dr. Salk continued to do groundbreaking medical research at the Salk Institute, leaving behind a legacy that continues to make the world a better place every day. This compelling picture book biography sheds light on Dr. Salk's groundbreaking journey and the importance of vaccination.

## Vaccine

## The Deep Learning Revolution

This biography examines the remarkable life of Jonas Salk using easy-to-read, compelling text. Through striking black-and-white images and rich color photographs, readers will learn about Salk's family background, childhood, education, groundbreaking research, and creation of the polio vaccine. Informative sidebars enhance and support the text. Features include a table of contents, timeline, facts page, glossary,

bibliography, and an index. Aligned to Common Core Standards and correlated to state standards. Essential Library is an imprint of ABDO Publishing Company.

### The Good Ancestor

When we eat may be as important as what we eat. Like most people, you probably wake up, get hungry for meals and doze off in bed around the same time every day. If you've ever experienced jet lag or pulled an all-nighter, you know that this schedule can easily be thrown off kilter. But for some people, that imbalance--difficulty sleeping at night, hunger at odd times, or sudden fatigue at noon--is a constant. If you're one of those people, Dr. Satchin Panda, one of the leading researchers on circadian rhythms, has a plan to reset your body clock. Beginning with an in-depth explanation of the circadian clock--why it's important, how it works, and how to know it isn't working--The Circadian Code outlines lifestyle changes to make to get back on track. It's a concrete plan to enhance weight loss, improve sleep, optimize exercise, and manage technology so that it doesn't interfere with your body's natural rhythm. Dr. Panda's life changing methods show you how to prevent and reverse ailments like diabetes, cancer, and dementia, as well as microbiome conditions like acid reflux, heartburn, and irritable bowel disease.

### Jonas Salk. A Life

How deep learning—from Google Translate to driverless cars to personal cognitive assistants—is changing our lives and transforming every sector of the economy. The deep learning revolution has brought us driverless cars, the greatly improved Google Translate, fluent conversations with Siri and

Alexa, and enormous profits from automated trading on the New York Stock Exchange. Deep learning networks can play poker better than professional poker players and defeat a world champion at Go. In this book, Terry Sejnowski explains how deep learning went from being an arcane academic field to a disruptive technology in the information economy. Sejnowski played an important role in the founding of deep learning, as one of a small group of researchers in the 1980s who challenged the prevailing logic-and-symbol based version of AI. The new version of AI Sejnowski and others developed, which became deep learning, is fueled instead by data. Deep networks learn from data in the same way that babies experience the world, starting with fresh eyes and gradually acquiring the skills needed to navigate novel environments. Learning algorithms extract information from raw data; information can be used to create knowledge; knowledge underlies understanding; understanding leads to wisdom. Someday a driverless car will know the road better than you do and drive with more skill; a deep learning network will diagnose your illness; a personal cognitive assistant will augment your puny human brain. It took nature many millions of years to evolve human intelligence; AI is on a trajectory measured in decades. Sejnowski prepares us for a deep learning future.

### Sister Kenny

In medical school when Franklin Delano Roosevelt was diagnosed with the disease shortly before assuming the Presidency, Salk was given an impetus to conduct studies on polio. His progress in combating the virus was hindered by the politics of medicine and by a rival researcher determined to discredit his proposed solution. But Salk's perseverance

made history-and for more than fifty years his vaccine has saved countless lives, bringing humanity close to eradicating polio throughout the world. Splendid Solution chronicles Dr. Salk's race against time-and a growing epidemic that reached 57,000 reported cases in the summer of 1952-to achieve an unparalleled medical breakthrough that made him a cultural hero and icon for a whole generation.

### Jonas Salk

A journalist for Science and Talk magazines probes the ongoing elusive search for an AIDS vaccine, confronting the often conflicting interests that have stymied the effort. Reprint.

### The Survival of the Wisest

Boys' Life is the official youth magazine for the Boy Scouts of America. Published since 1911, it contains a proven mix of news, nature, sports, history, fiction, science, comics, and Scouting.

### The Cutter Incident

Sister Kenny was first published in 1976. Minnesota Archive Editions uses digital technology to make long-unavailable books once again accessible, and are published unaltered from the original University of Minnesota Press editions. Sister Elizabeth Kenny, the Australian-born nurse, is remembered by thousands of grateful parents and grandparents of young polio patients, as well as others who were less personally affected, as the woman who successfully fought the medical profession to win acceptance of her techniques to combat the crippling effects of this

disease. In this biography Victor Cohn, a prize-winning science writer, details the life of Sister Kenny and her significant role in the history of medicine. It is an inspiring story and one which will be of particular interest to those of the present generation who are engaged in the movement for women's equality. Sister Kenny's struggle against the bitter opposition of many doctors to her concepts for the treatment of polio dramatized the then common attitude of male chauvinism on the part of the medical profession toward nurses. The biography traces Sister Kenny's life from her birth in Australia, through her early nursing career in the bush, to her rise to prominence in America. Much of the narrative focuses on her confrontation with the medical establishment. Throughout, the author writes from an objective viewpoint, and in conclusion he assesses Sister Kenny's accomplishments.

### The Immortal Life of Henrietta Lacks

"He first full biography of Jonas Salk offers a complete picture of the enigmatic figure, from his early years working on an influenza vaccine--for which he never fully got credit--to his seminal creation of the Polio vaccine, up through his later work to find a cure for AIDS"--

### The Polio Pioneer

In the 1950s, ninety-five percent of patients with Hodgkin's disease, a cancer of lymph tissue which afflicts young adults, died. Today most are cured, due mainly to the efforts of Dr. Henry Kaplan. Henry Kaplan and the Story of Hodgkin's Disease explores the life of this multifaceted, internationally known radiation oncologist, called a "saint" by some, a

"malignant son of a bitch" by others. Kaplan's passion to cure cancer dominated his life and helped him weather the controversy that marked each of his innovations, but it extracted a high price, leaving casualties along the way. Most never knew of his family struggles, his ill-fated love affair with Stanford University, or the humanitarian efforts that imperiled him. Today, Kaplan ranks as one of the foremost physician-scientists in the history of cancer medicine. In this book Charlotte Jacobs gives us the first account of a remarkable man who changed the face of cancer therapy and the history of a once fatal, now curable, cancer. She presents a dual drama — the biography of this renowned man who called cancer his "Moby Dick" and the history of Hodgkin's disease, the malignancy he set out to annihilate. The book recounts the history of Hodgkin's disease, first described in 1832: the key figures, the serendipitous discoveries of radiation and chemotherapy, the improving cure rates, the unanticipated toxicities. The lives of individual patients, bold enough to undergo experimental therapies, lend poignancy to the successes and failures. Visit the author's website.

### Thank You, Dr. Salk!

The once-dreaded scourge of smallpox has been eradicated through barrier immunization. The eminent scientist Edward Jenner (1749-1823) was a pioneer in demonstrating that vaccination was an effective means of preventing smallpox. In the three groundbreaking treatises contained in this volume, originally published between 1798 and 1800, Jenner summarizes his evidence in favor of vaccination and describes individual cases.

### Polio

A New Reality: Human Evolution for a Sustainable Future provides a startling, fresh new message of understanding, perspective and hope for today's tense, rapid-fire, kaleidoscopically changing world. A New Reality: Human Evolution for a Sustainable Future provides a startling, fresh new message of understanding, perspective and hope for today's tense, rapid-fire, kaleidoscopically changing world. Drawn from the writings of visionary scientist Jonas Salk, who developed the polio vaccine, extended and developed by his son Jonathan, the message of the book explodes from the past and sheds light on tensions that besiege us and the currents of discord that are raging as these words are written. More importantly, it indicates a way forward out of our current situation. Written by a world-famous doctor and folk hero, based on population data, rich in visual imagery, elegantly designed, and clearly written, A New Reality is unique in the marketplace. Readable in one or two sittings, it is accessible to the general reader while at the same time being of essential value to policy makers and academics. Its brevity and simplicity of design belie the importance and sophistication of its message. "We are at a point in the course of human social evolution when the demands of survival converge with the higher ideals of humankind and the well-being and flourishing of human society. It is up to us to see that we navigate this transition, adapting to and emerging in a new reality." "A New Reality Our country is divided and polarized. Terrorism is a major threat throughout much of the world. Mass migrations are causing national and international tension. Population growth continues to increase, especially in the developing regions of the world. Controversy rages as to the use of fossil fuels versus the development of alternative forms of energy. Disagreement continues about climate change. Opposing currents of opinion collide as to how much

we should help other areas in the world and how much to help ourselves. Basic values are in conflict. More than 40 years ago, Jonas Salk understood that we are at a unique moment in the history of the human species. After centuries of increase, population growth has begun to slow and is trending toward equilibrium. This change is accompanied by an equally significant change in human values—a shift from those based on unlimited availability of resources, unremitting growth, excess, independence, competition and short-term thinking to those based on limits, equilibrium, balance, interdependence, cooperation and long-term thinking. This momentous transition is the source of far-reaching tension and conflict. The way through this difficult era is to understand its basis and to focus on new values that will be of the greatest benefit to humankind. There is an urgency, however, and failure to adapt will result in disaster both for humanity and for the planet as a whole. A New Reality delivers a message of both caution and hope. Readers across the social and political spectrum will find it a reasoned and balanced counterpoint to current social and political trends. Its elegant design and long-range perspective will appeal to general readers, policy makers, millennials, baby boomers, teachers, and students, filling a need in the marketplace for a work of positivity and wisdom in otherwise bleak times.

### Picturing Medical Progress from Pasteur to Polio

Presents the life of medical researcher Jonas Salk, who discovered the polio vaccine.

### The Vaccine Race

A biography of the American doctor and medical researcher

who helped to develop successful influenza and polio vaccines, then turned his attention to vaccines for cancer and AIDS prevention.

## Polio Wars

The most important question we must ask ourselves is, "Are we being good ancestors?" So said Jonas Salk, who developed the polio vaccine in 1953 but refused to patent it—forgoing profit so that more lives could be saved. Salk's radical generosity to future generations should inspire us. But when leading philosopher Roman Krznaric examines society today, he sees just the opposite: Our short term, exploitative mindsets have "colonized the future." Businesses eschew civic responsibility for immediate gains, politicians throw their support behind whatever will win the next election, and we all struggle to focus our attention beyond the next alert from our phones. The result? An inexcusable chasm between the haves and have-nots—and mounting existential threats—have brought our species to the precipice of disaster. Yet Krznaric sees reason to hope. Yes, the urgent struggle for intergenerational justice calls for hugely ambitious solutions, from rewiring our growth-at-all-costs economy to giving voters of future generations a voice in our democracies. But at the heart of all these changes is one we can enact within ourselves: We must trade shortsightedness for long-term thinking. In *The Good Ancestor*, Krznaric reveals six practical ways we can retrain our brains to think of the long view, including Deep-Time Humility (recognizing our lives as a cosmic eyeblink) and Cathedral Thinking (starting projects that will take more than one lifetime to complete). His aim is to inspire more "time rebels" like Greta Thunberg—to shift our allegiance from this generation to all humanity—in short, to

save our planet and our future.

## Jonas Salk and the Polio Vaccine

Childhood immunization is one of the major public health measures of the 20th century and is now receiving special attention from the Clinton administration. At the same time, some parents and health professionals are questioning the safety of vaccines because of the occurrence of rare adverse events after immunization. This volume provides the most thorough literature review available about links between common childhood vaccines--tetanus, diphtheria, measles, mumps, polio, Haemophilus influenzae b, and hepatitis B--and specific types of disorders or death. The authors discuss approaches to evidence and causality and examine the consequences--neurologic and immunologic disorders and death--linked with immunization. Discussion also includes background information on the development of the vaccines and details about the case reports, clinical trials, and other evidence associating each vaccine with specific disorders. This comprehensive volume will be an important resource to anyone concerned about the immunization controversy: public health officials, pediatricians, attorneys, researchers, and parents.

## Adverse Events Associated with Childhood Vaccines

A biography of the scientist and humanitarian who discovered the vaccine for polio, a disease which crippled many people in the early part of the twentieth century.

## Laboratory Life

## Vaccines: A Biography

Looking for the ultimate self-improvement guide so that you can take matters into your own hands and jump start or rejuvenate your career? Look no further than The Self-Improvement Book: A Guide Book for Success and Personal Development. The Self-Improvement Book is actually a set of four already popular books by renowned business and entrepreneurship authors Can Akdeniz and Jonas Stark. The set includes: The Nine Routines of Successful People: A Guidebook for Personal Change, Problem Solver: An Amazing Way to Deal with Problems and Personal Challenges, Surpass the Average: Learn the Seven Traits of High Achievers, and Productivity Masterclass: Learning to Work Smarter and Faster.

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