1. Record Nr. UNINA9910782880803321 Autore Li Jie Jack Titolo Triumph of the heart [[electronic resource]]: the story of statins // Jie Jack Li New York,: Oxford University Press, 2009 Pubbl/distr/stampa **ISBN** 0-19-756250-7 0-19-988665-2 1-281-99848-6 9786611998486 0-19-804351-1 Descrizione fisica 1 online resource (220 p.) Collana Oxford scholarship online Disciplina 615/.718 Soggetti Statins (Cardiovascular agents) - History Anticholesteremic agents Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Previously issued in print: 2009. Nota di bibliografia Includes bibliographical references (p. 175-188) and index. Nota di contenuto Foreword: Contents: 1 Cholesterol: The Janus-Faced Molecule: One of the 10 Greatest Discoveries in Medicine: The Good, the Bad, and the Ugly; Hitler's Gift; The Framingham Heart Study; The Receptor; 2 Genesis of Statins: Early Cholesterol Drugs: Nicotinic acid: Resins: Fibrates; I Refuse to Sign Th is Report!; Birth of Statins; Endo's discovery of the first statin; The fate of mevastatin; Endo's fate; How do statins work?; 3 Merck's Triumph; Merck; Humble beginnings; George W. Merck; Penicillin; Cortisone; Streptomycin; Glorious history; Mevacor and Zocor; The poor Greek immigrant kid PreludeDiscovery; Halt!; Triumph; The Company, the Drugs, and the Inventors Today; 4 Discovery of Lipitor; Splendid History; Parke, Davis & Company; Dilantin; Chloromycetin; The pill; Lopid; Roger S. Newton; Bruce D. Roth; The Discovery of Lipitor; Shoulders of giants; The first success . . . and disappointment; The second refrain; CI-971; CI-981; 5 Development of Lipitor: Checkered Life: Chiral or Not, You Have to Make It First; Clinical Trials-Divine Providence?; Canter and the FDA;

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Sommario/riassunto

Over 25 million people in the U.S. alone have benefited from statins (such drugs as Lipitor, Zocor, Crestor, Pravachol) in preventing stroke, heart attack, and other forms of coronary heart disease. But how did these remarkable, life-saving drugs come into being? In Triumph of the Heart, Dr. Jie Jack Li, a medicinal chemist and expert on drug discovery, tells the fascinating story of statins. Drawn from interviews with many scientists involved in the discovery and development of these drugs, the book illuminates the human side of science by revealing the role played by persistence, luck, and sudden insight that characterise major discoveries.