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Titolo	Cholesterol Transporters of the START Domain Protein Family in Health and Disease : START Proteins - Structure and Function / / edited by Barbara J. Clark, Douglas M. Stocco
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Nota di bibliografia	Includes bibliographical references and index at the end of each chapters.
Nota di contenuto	An Introduction to the Steroidogenic Acute Regulatory Protein (StAR)-related Lipid Transfer Domain Protein Family -- The Steroidogenic Acute Regulatory Protein (StAR) -- START domain protein structure and ligand specificity -- Congenital Lipoid Adrenal Hyperplasia -- Steroidogenic Acute Regulatory protein (StAR) and Atherogenesis -- STARD3: a lipid transfer protein in breast cancer and cholesterol trafficking -- The STARD4 subfamily: STARD4 and STARD5 in cholesterol metabolism -- START proteins in non-vesicular cholesterol transport -- Index.
Sommario/riassunto	Non-vesicular intracellular cholesterol transport is an important mechanism for maintaining membrane cholesterol homeostasis. Recent reports of studies directed at soluble cholesterol transport proteins indicate that aberrant expression of the START proteins may contribute

to disease states associated with disorders in cholesterol homeostasis. This is an exciting new direction in the field and the purpose of this book will be to highlight the current research directed at potential roles for the START family in diabetes, cancer, and atherogenesis. This book also provides a personal and historical perspective of the discovery-to-publication journey that the authors had for their particular START domain family member. The goal will be to provide perspectives to graduate students, post-doctoral fellows, and endocrinology fellows on the research discovery process.