Record Nr. UNINA9910452366203321 Autore Davis Daniel M (Daniel Michael), <1970-> Titolo The compatibility gene: how our bodies fight disease, attract others, and define our selves / / Daniel M. Davis Pubbl/distr/stampa Oxford:,: Oxford University Press,, [2014] ©2014 **ISBN** 0-19-931642-2 Descrizione fisica 1 online resource (249 p.) Disciplina 616/.042 Soggetti Human molecular genetics **Immunogenetics** Infection - Immunological aspects Medical genetics Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Machine generated contents note: -- Introduction -- PART I: Human Compatibility - A Scientific Revolution -- 1. Frankenstein's holy trinity -- 2. Self and non-self -- 3. Dead but alive in parts -- 4. A crystal clear answer at last -- PART II: The Frontier of Compatibility Research -- 5. Differences between us that matter -- 6. Pathfinders -- 7. Missing self -- PART III: The Overarching System -- 8. Sex and smelly T-shirts -- 9. Secrets of the mind -- 10. The footprints of your existence -- Epilogue: What makes you so special? -- Acknowledgements -- References and Notes -- Index. The Compatibility Gene takes readers on a global journey of discovery Sommario/riassunto spanning 60 years, involving scores of scientists, and encompassing the history of transplants and immunology. That journey has revealed astonishing links between who we are as individuals and our neverceasing struggle to survive disease. Most of the 25,000 genes we possess are the same for all of us. Compatibility genes are those that vary most from person to person and give each of us a unique

molecular signature. These genes determine both the extent to which

we are susceptible to a vast range of illnesses and the differ