

Contents

1	Prologue	1
2	Indeed, Something We Did Discover	5
3	Is There Anybody Out There?	19
4	Understanding Matter and Energy in the Universe	31
5	All the Energy You Dream of	43
6	Life: Here, There and Everywhere	53
7	A Recorder for Cicero, a USB Key for Mozart and Hot Pepper for Everybody	65
8	Genetics, Epigenetics, Medicine and Methuselah Flies	75
9	Tools of the Trade for Building a Future	83
10	Epilogue: The Discoveries That Will Change Everything	97