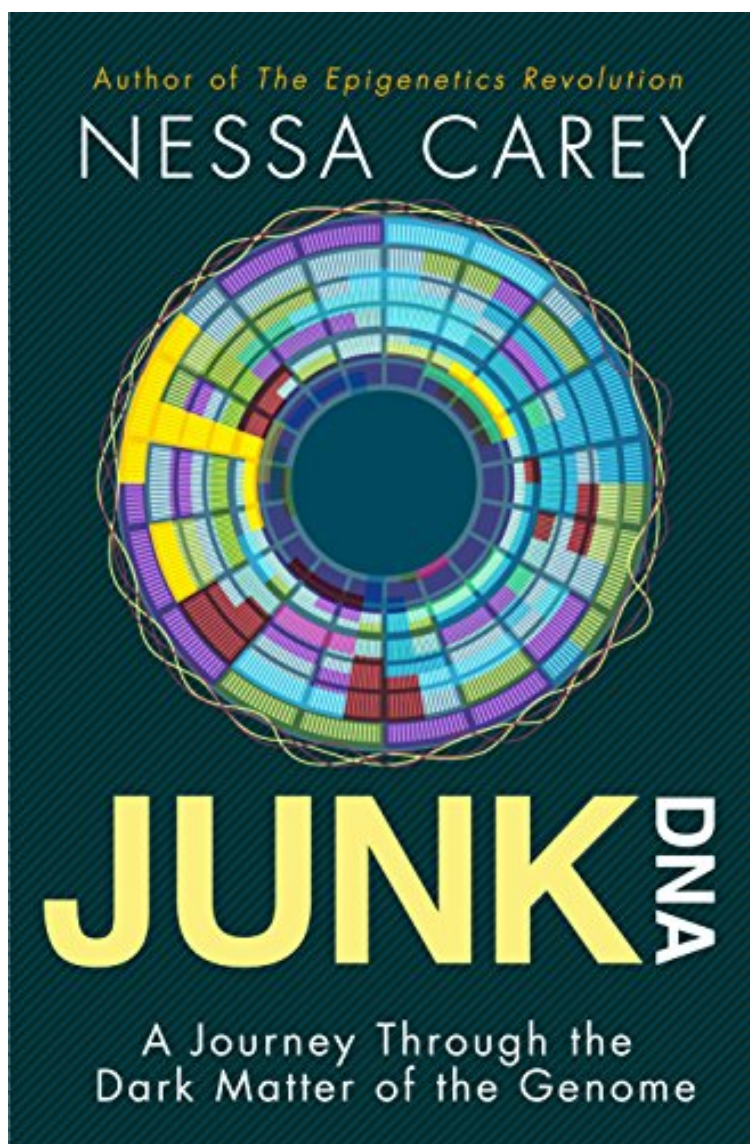


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Junk DNA: A Journey Through the Dark Matter of the Genome



Par Nessa Carey
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Description :

Prsentation de l'diteurFrom the author of the acclaimed The Epigenetics Revolution (A book that would have had Darwin swooning Guardian) comes another thrilling exploration of the cutting edge of human science.For decades after the structure of DNA was identified, scientists focused purely on genes, the regions of the genome that contain codes for the production of proteins. Other regions 98% of the human genome were dismissed as junk. But in recent years researchers have discovered that variations in this junk DNA underlie many previously intractable diseases, and they can now generate new approaches to tackling

them. Nessa Carey explores, for the first time for a general audience, the incredible story behind a controversy that has generated unusually vituperative public exchanges between scientists. She shows how junk DNA plays an important role in areas as diverse as genetic diseases, viral infections, sex determination in mammals, human biological complexity, disease treatments, even evolution itself and reveals how we are only now truly unlocking its secrets, more than half a century after Crick and Watson won their Nobel prize for the discovery of the structure of DNA in 1962.

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