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The Vaccine Race: How Scientists Used Human Cells to Combat Killer Viruses (Paperback)

By Meredith Wadman

Transworld Publishers Ltd, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book. In 1962, Leonard Hayflick created and then froze roughly 800 tiny ampoules of what he dubbed WI-38 cells. Each petite glass vial contained between 1.5 million and 2 million cells. Each cell in each vial, once thawed, had the capacity to divide another 40 times. Hayflick had created a supply of cells that, for practical purposes, was almost infinite. Hayflick's WI-38 cells would become the first normal, non-cancerous cells available in virtually unlimited quantities to scientists, and, as a result, the best-characterized normal cells available to this day. They would become the basis for vaccines that have immunized hundreds of millions of people worldwide against polio, rubella, rabies, chicken pox, and measles. Today approximately two billion people have directly benefitted from the use of WI-38 and other cell strains created using Hayflick's methods. WI-38 would also spawn a lifetime feud between Hayflick and his superiors at the Wistar, and an epochal fight with the US government, first over whether the cells were safe to use to make vaccines and then over who owned them. The Cells and the Scientist combines scientific discovery, rivalry, greed...



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Reviews

Merely no words to describe. I have got study and i am confident that i am going to planning to go through yet again once again in the foreseeable future. You will like just how the writer compose this publication.

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Complete guideline! Its this sort of excellent read. I could comprehended every little thing out of this written e publication. Its been designed in an remarkably easy way and it is only right after i finished reading this publication by which really transformed me, affect the way i think.

-- *Prof. Shanie Schinner Sr.*