Sickle Cell Anemia: A Fictional Reconstruction*

6y Debra Stamper Department of Biology King's College



Part I — The Inquiry Begins

It was a brisk fall day in Boston—the type of day that Dr. William Castle preferred to start with a cup of coffee while he caught up on his correspondence, which often appeared to be an endless task. As a faculty member of Harvard Medical School, he had always received a fair amount of inquiries, but after he had published his data indicating that pernicious anemia was due to a vitamin B to deficiency, the amount of mail he received was sometimes overwhelming.

Sixting in his reclining chair he sorted through the large pile that had accumulated. He began to meticulously segregate it into smaller piles he would open in a prescribed order. Usually the delegation of a particular envelope was a relatively easy choice. There were a few that caused him to pause for a moment, such as the one he was currently holding. The return address indicated it was from an Irving Sherman at Johns Hopkins University. Since it was from someone he had never heard of, he was inclined to place it in the pile to be opened later. But on this day he decided to take another sip of coffee and see what Mr. Sherman had to say (see next page).



^{*} Disclaimer: This case is a work of fiction that refers to real events and people. All of the discoveries mereioned in Section 1 were made by the individuals they are attributed to, as were the observations made by Dr. Vernon Hahn described in Section 2. The time between discoveries has been dramatically condensed, however. Every effort has been made to present the scientific considerations concisely and accurately. Any errors should be attributed to the author and not the original investigators.

[&]quot;Sickle Cell Anemia" by Debra Sramper

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