

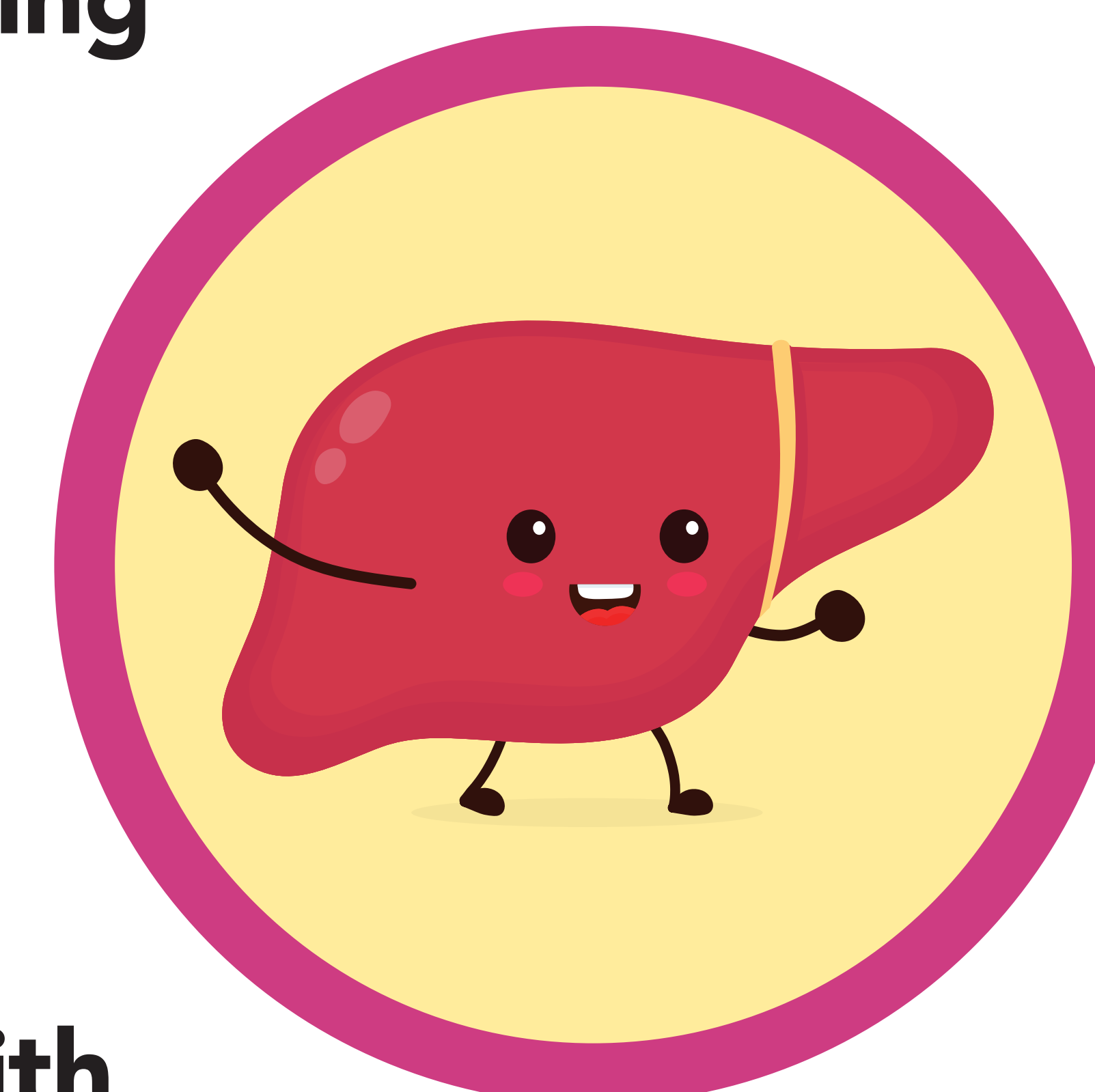
The Story of FACTOR 8 & Friends

Did You Know?

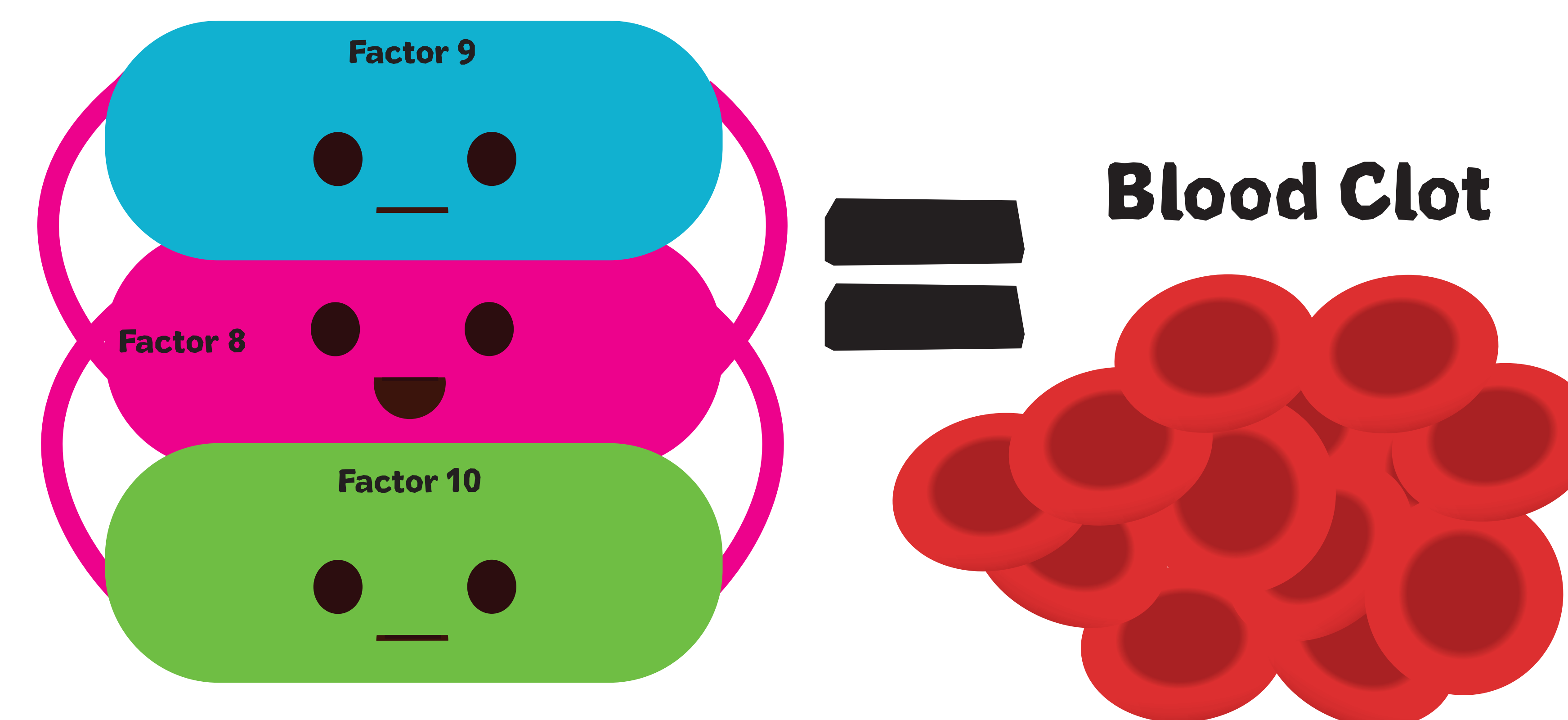
- 🔴 **FACTOR 8** is only activated when there is damage to repair, which is how the body naturally protects itself against thrombosis.
- 🔴 **FACTOR 8** deficiency results in hemophilia, deficiencies of **FACTORS 1, 2, 5, 7, 10, 11, 12**, and in bleeding disorders.
- 🔴 One of the liver's main jobs is to produce proteins that it sends into the bloodstream? In total, the liver is responsible for producing 59% of human proteins.
- 🔴 There are over 60,000 miles of blood vessels inside the average child. When one of those vessels tears, blood escapes, and that is what we commonly refer to as "a bleed."

What is FACTOR 8?

In a properly functioning clotting cascade, the protein known as **FACTOR 8** is made in the liver. Once in the bloodstream, when bleeding occurs, **FACTOR 8**'s job is to connect **FACTOR 9** with **FACTOR 10**, so that together, they can help create a blood clot.



How FACTOR 8 helps form a blood clot



FACTOR 8 as Matchmaker

*You're missing **FACTOR 8**. What does **FACTOR 8** do? **FACTOR 8** is sort of like the facilitator, like a matchmaker. It gets **FACTOR 9** and **FACTOR 10** close to each other like a matchmaker would bring two people together."*

- Dr. Michael Tarantino



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