

Name _____

The Fire Within: Understanding Inflammation

Short Answer Key

1. The characteristic symptoms of inflammation include redness, swelling, warmth, and pain.
2. Inflammation helps protect the body from infections by isolating and containing the infection, promoting tissue repair, and enhancing the activity of immune cells.
3. Cytokines are signaling molecules released by immune cells during inflammation. They play a key role in recruiting more immune cells to the site of infection and promoting the inflammatory response.
4. Acute inflammation is a short-term, normal response to injury or infection, while chronic inflammation is persistent and can lead to long-term health problems.
5. Rheumatoid arthritis is an example of a health condition that involves chronic inflammation.

