Pfizer Shot Linked to 1111% Rise in Blood Clot Formation Marker and 39% Rise in Protein That Slows Blood Clot Breakdown: Journal 'Biomedicine & Pharmacotherapy'

Study also reports roughly 450% increase in inflammatory protein IL-6 and 42% rise in a blood marker of body-wide inflammation

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A study published September 29, 2026, in *Biomedicine & Pharmacotherapy* by researchers at the University of Milan, IRCCS MultiMedica, and other Italian institutions documents physical and chemical changes in the blood of healthy adults following Pfizer COVID-19 vaccination, implicating both blood clot formation and the body's ability to dissolve blood clots.

Pfizer's own [safety data](#) reports hundreds of serious blood clot and clot-related stroke events in the days and weeks following dozens of deaths, though as voluntary reports they cannot show how often clots truly occur.

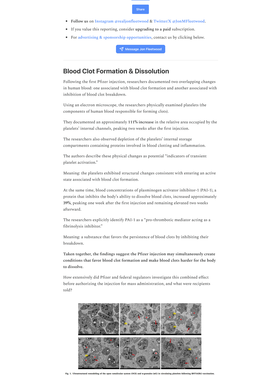
Using electron microscopy and biochemical testing, the researchers documented four notable increases (approximated from Figure 6, seen below):

- **1111% increase (11.11-fold)** in a structural marker of platelet activation associated with blood clot formation.
- **39% increase (1.39-fold)** in a protein that inhibits the body's ability to dissolve blood clots.
- **450% increase (5.5-fold)** in an inflammatory protein (IL-6).
- **42% increase (1.42-fold)** in a marker of systemic inflammation.

The findings raise a two-sided blood clotting concern: the injection may simultaneously promote conditions conducive to blood clot formation while interfering with the body's mechanism for breaking down blood clots.

Did Pfizer, BioNTech, or the U.S. Food and Drug Administration (FDA) characterize these simultaneous biological changes before the injection was authorized for mass administration?

Were recipients informed of them?


Biomedicine & Pharmacotherapy
Transient ultrastructural remodeling of the open circulation system and blood-clot dynamics in healthy volunteers receiving the mRNA-1273 COVID-19 vaccination: A healthy volunteers cohort study
Marco Cosentino, Fabio Marino, Mario Clerici, Alessandro Ferrari, Giuseppe Lapadula, Matteo Olivieri, Francesco Saverio, Andrea Spaccini, Giuseppe Lapadula