

Review of: "Dynamics of blood cells during a routine laboratory examination"

Xuguo Sun¹

¹ Tianjin Medical University

Potential competing interests: No potential competing interests to declare.

1. This research paper (dynamics of blood cells during a routine laboratory examination) analyzed the effect of temperature on the separation of blood cells. I don't think the paper is innovative enough to be published in this journal.
2. Among many factors affecting the separation effect of blood cells, temperature is relatively easy to control, but such factors as asymmetric macromolecular substances in plasma and the size of surface charge of red blood cells have more significant effects on the separation effect of blood cells.
3. The size of human red blood cells ranges from 6-9 μm , so it is recommended to use this mathematical model to analyze separately. Plasma hemoglobin concentration, mean corpuscular volume (MCV), mean corpuscular hemoglobin (MCH), mean corpuscular hemoglobin concentration (MCHC), plasma fibrin concentration and others on the effect of blood cell separation.