Deb Chen
PhD Student in Devine Lab

“Comparing the effects of safety treatments on red cell concentrate quality”

Post-collection manipulations of blood components aim to further improve product safety. However, these safety treatments often improve safety at a cost to product quality. In this study, we identified marked differences in in vitro quality parameters and alterations in membrane protein profiles in red cell concentrates derived from riboflavin/UV treated whole blood compared to gamma-irradiated and untreated control red cell concentrates.

Mathieu Nault
Masters Student in Kim Lab

“Chronic periodontitis is associated with platelet factor 4 (PF4) secretion”

Periodontitis is an chronic inflammatory infectious disease that affects up to 50% of the population in North America and can lead to tooth loss. The role of platelets in inflammation, including periodontitis, is still not defined.