



# CBR Summer Seminar Series

Wednesday July 6 | LSC 3 | 12pm

Live Online Seminar Viewing: <http://tinyurl.com/cbrseminaronline>



**Deb Chen**

*PhD Student in Devine Lab*

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*“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*

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

Periodontitis is a 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.