Dear Olga, Cornelia,

I'm writing to let you know about the recent progress we've made on Olga's ScopeM request to measure lymphatic vessel contractions in both normal and inhibited conditions. Basically, we custom-trained a deep learning network to segment vessels and monitored their contraction by measuring radius variation over time. As discussed with Olga, we are confident that this analysis can be applied to the majority of movies, enabling us to generate a detailed comparison of how vessel contractions differ between conditions.

To do this, we need your formal agreement to invoice your team for our working hours via the PPMS system. We estimate the total working time to be around 50 hours, of which 30 hours have already been devoted to completing the proof of concept and a further 20 hours to managing the data transfer/processing and preparing the analysis results (graphics, display, etc...).