



July 21, 2022

Dear Andrea,

I am writing to express support and enthusiasm for your F31 proposal entitled, “Effect of Mucins and *Dolosigranulum pigrum* on *Staphylococcus aureus* nasal colonization.” I am happy to continue our collaboration with you and your Sponsor, Dr. Lemon, to use our RNAseq analysis pipeline to understand microbe-microbe and host-microbe interactions within the human nasal microbiota. My lab has greatly enjoyed interacting with you and hearing about your progress in our occasional joint meetings.

My lab generated this pipeline for analysis of polymicrobial interactions in the human oral microbiome and it is derived from analyses first used when I was a postdoctoral fellow in the Lemon lab. Our 2021 ISME paper has published results using this pipeline (reference in my biosketch). A graduate student in my lab, Eric Almeida, has been a key point person for training K Lemon Lab members on how to use this pipeline and troubleshoot any problems that arise. I confirm that you, and other members of the K Lemon Lab, are allowed to use our RNAseq analysis pipeline. Additionally, Eric Almeida and other students in my lab, will continue to communicate with and mentor you in RNAseq analysis as you complete your thesis project. We look forward to our ongoing work with you and your Sponsor, and are excited about how your discoveries will contribute to the microbiota field.

Sincerely,



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