Can Physico-chemical properties alone predict the bacterial response to polymers.. T​‌‍‍‍‍‌‌‌‌‌‍‍‌‌‍‍‍‍‍‍​he title for this poster is can physico-chemical properties alone predict the bacterial response to polymers. Some examples of graphs id like will be create a composite parameter like alpha that includes both WCA (water contact angle) and roughness and see if you can get a correlation. The equation would be F = Rq + a\*WCA, where F is bacterial fluorescence, Rq is roughness and WCA is WCA. ‘a’ would be a parameter that you would need to systematically vary to see if you can find something that correlates​‌‍‍‍‍‌‌‌‌‌‍‍‌‌‍‍‍‍‍‍​. and any other types of graphs that would help to evaluate the title. i was also thinking of doing something with the use of molecular descriptors which can be found on dragon. the files ive attached will not be all the data needed therefore could you contact me asap so i can add more files. If you could also create a graph to do with tof-sims if you feel that will fit into the question. id like to work closely with you throughout this process. the data has identities which will either be homopolymers or copolymers. the copolymers will be shown like this 10(70%)b this means the copolymer has 70% of polymer 10 and 30% of polymer B. please contact me if you have any quest​‌‍‍‍‍‌‌‌‌‌‍‍‌‌‍‍‍‍‍‍​ions.