Analyzing coating performance

• On what timescale do membranes need to be fouled to see visual differences in coating performance?

Quantifying coating performance

• Which methods can accurately, and repeatedly quantify biological fouling?
Confocal Data Analysis

By comparing biomass using polysaccharides the fouling difference is statistically significant with 99.9% confidence.

Remaining questions: How reproducible is this method? Can accurate user interfacing reduce error?