

VDM Update 5/3/12

Cullen Pivaroff

- Autoclave and sterilization procedures improved → Media sterilized in polycarbonate and glass containers
Clones successfully cultured: 47
- Test run conducted with 6 reactors, 3 clones → contaminated third day of the run
Clones Remaining: 83
- Another test set was started this week using 2 reactors, 1 clone → used BSL 2+ room hood for all inoculations (clone, AMP, initial media, & Arab)
Total: 130
- If this fails to remedy → Already developed a set of experiments to test individual compounds used, as well as, the mechanical design of the reactors themselves