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2. Growth Rate Is Independent Of Nutrient And Substrate Conc. 3. Cell Number And Mass Concentrations Increase Exponentially 4. Balanced Growth Occurs  $\Rightarrow$  Cell Composition Constant DX Dt =  $\mu$  Max X, X = X O At T = 0 X = X O E  $\mu$  Max T Or Ln X X O =  $\mu$  Max T Doubling Time Of Cells (t D), X X O =2  $\Rightarrow$  Ln(2) =  $\mu$  Max T D T D = Ln 2  $\mu$  Max Or  $\mu$  Max ... Mar 19th, 2024

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