

Abstract Submitted
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Mathematical Modeling of Bacterial Growth¹ SAMINA MASOOD,
University of Houston Clear Lake — We develop a mathematical model for the study
of bacterial growth. This model reproduces the growth curve from one equation as
well as we can fit it to the experimental data. All the parameters of the model are
discussed and compared with the already existing models. Experimental data for
the bacterial growth is shown to fit this model.

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