

Global warming due to increased carbon dioxide concentration in the atmosphere is receiving a great deal of attention. Although CO<sub>2</sub> is still released when fuels derived from algal biomass are burned, integration of microalgal farms for flue gas capture approximately doubles the amount of energy produced per unit of CO<sub>2</sub> released. Such CO<sub>2</sub> fixation by photoautotrophic algal cultures has the potential to diminish the release of CO<sub>2</sub> into the atmosphere, helping alleviate the trend toward global warming. Atmospheric increases of carbon dioxide are positively correlated with the amount of fossil fuels being burned [1]. Microalgae are the most promising production facilities.