
Metabolic Engineering Principles

Stephanopoulos

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mathematical analysis,
to help elucidate
metabolic flux control
and rational selection of
targets for genetic
modification.

Metabolic Engineering
Principles

Stephanopoulos
Greg N.

Stephanopoulos (born
c. 1950) is an
American chemical
engineer and the
Willard Henry Dow
Professor in the
Department of Chemical
Engineering at the
Massachusetts Institute
of Technology. He has
worked at MIT,
Caltech, and the
University of Minnesota
in the areas of
biotechnology,
bioinformatics, and
metabolic engineering
especially in the areas
of bioprocessing for
biochemical and ...
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Metabolic Engineering: Principles and Methodologies 1 ... Shaw AJ, Lam FH, Hamilton M, Consiglio A, MacEwen K, Brevnova EE, Greenhagen E, LaTouf WG, South CR, van Dijken H, Stephanopoulos G. (2016) Metabolic engineering of microbial competitive advantage for industrial processes. Science. 353, 583 – 586.

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