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Concepts and Applications

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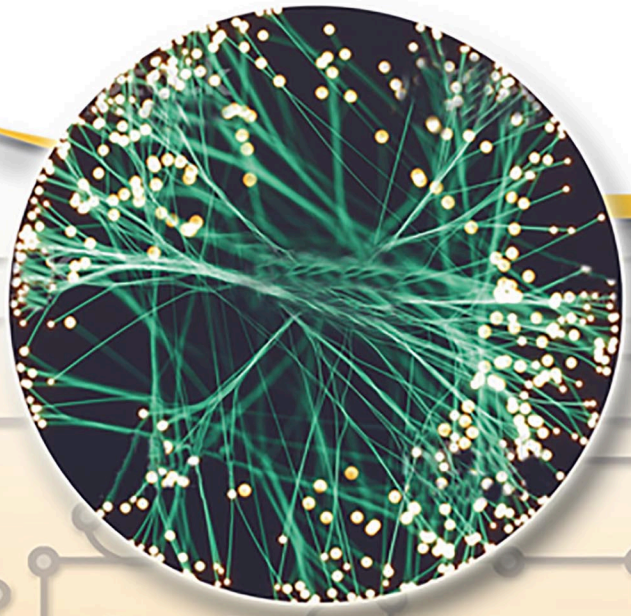

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To the memory of Maria Flytzani Stephanopoulos, a brilliant engineer-scientist, who believed in metabolic engineering as catalysis of the future, and Hye Jean Hwang and Dina Petranovic Nielsen for their inspiration and unwavering support.

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