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Markus Covert is an associate professor of bioengineering at Stanford University and director of the Paul G. Allen Discovery Center for Systems Modeling at Stanford.

Over the course of his career, his lab has generated several new, exciting technologies to measure, analyze and mathematically model the behaviors of individual cells. The lab is probably best known for constructing the first "whole-cell" computational model, which explicitly represents all known gene functions and molecules in a bacterial cell – an advance which was a highlighted publication in the journal *Cell*.

Dr. Covert is grateful for funding mechanisms that have supported his efforts to develop new technologies, in particular the NIH Director's Pioneer Award and the Paul G. Allen Family Foundation Distinguished Investigator and Discovery Center awards. He also consults in industry, including on the scientific advisory board of Emerald Cloud Labs, and as an inaugural ambassador at X Labs, formerly Google [X].

Most notably in this context, for several years he has taught the popular Stanford course, Bon Appétit, Marie Curie! The Science of Haute Cuisine, including with the Stanford Bing Overseas Studies Program in Paris.