



Accelerating Sanofi's Mission : Medicine at the Speed of Need

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Sanofi addresses the challenge of growing molecular complexity in synthetic drugs by revolutionizing its process development technologies. Three major innovations redefine the game.

First, radical automation. HTE/MTE platforms reduce experimental execution time by tenfold, freeing chemists to focus on thinking and designing smarter experiments. A single person now accomplishes in one week what took several months, allowing more time for strategic analysis and conceptual optimization.

Second, applied artificial intelligence. KineticAI elucidates in days what traditional chemistry took months to understand. By combining experimental kinetics and Bayesian modeling, Sanofi creates predictive models that eliminate unnecessary experiments and accelerate optimization.

Third, integrated sustainability. Eco-design is no longer an add-on, but the core of the process. Every molecule is conceived from the start to minimize its environmental footprint.

The overall impact is transformative: fewer experiments, less waste, less time, better yields. In this presentation we will see how Sanofi transforms synthetic enabling technologies into a catalyst to accelerate access to innovative medicines while respecting sustainability imperatives.