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Chasing molecules: poisonous products, human health, and the promise of green chemistry / Elizabeth Grossman

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Abstrak

Elizabeth Grossman shows that for the sake of convenience, efficiency, and short-term safety, we have created synthetic chemicals that fundamentally change, at a molecular level, the way our bodies work. The consequences range from diabetes to cancer, reproductive and neurological disorders.

A scientific revolution is introducing products that are "benign by design," developing manufacturing processes that consider health impacts at every stage, and is creating new compounds that mimic rather than disrupt natural systems. Through interviews with leading researchers, Grossman gives us a first look at this radical transformation.