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ABSTRACT

Humanity faces big challenges in the coming decades. World population is ever increasing and welfare diseases are rapidly developing. Moreover since welfare is increasing the welfare epidemic will spread even faster. In order to sustain such a society we must learn to keep our citizens healthy as long as possible. It will simply not be economically feasible to maintain the system of treating them when they have developed health problems. A paradigm shift is necessary from curative healthcare to preventive healthcare. Food and nutrition are important components of the preventive healthcare concept and nanotechnology can contribute to this by enabling new and more healthy food concepts. But it will also allow redesign of processes in food industry to make them more sustainable, and will deliver new sensors and diagnostics to assure the safety and quality of our food. Learn what concepts are in the pipeline with the scientists and what you can expect from this in the future.