Exploring the new frontier in medicine: Nanotechnology

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The term ‘nanoscience’ is literally the science of tiny things. It’s not biology, physics or chemistry. It’s all sciences that work with the very small. At a nanoscale, different particles, atoms and metals behave completely differently. Research in nanoscience strives to understand these laws and how they govern the behaviour of nanoscale objects. Today, nanomedicines are used in analytical and imaging tools, targeted drug delivery systems and discoveries are translating breakthroughs in the understanding of disease into preventive medicine and creating opportunities for more affordable healthcare.

A joint meeting with the Liverpool Medical Institution