DNA-nanotech development will move pathogen testing from lab to field - developer
Food Quality News
Feb. 1
Mark Astley

"A breakthrough handheld nanotechnology-based bio-sensor can detect a range of threats including Listeria, Salmonella and E.coli in as little as an hour, its developer has claimed."

Tackling 21st-Century Tech Risks
Huffington Post
Feb. 2
Jonathan D. Moreno

"I was privileged to have the philosopher and critic Richard Rorty as a colleague for a short time at the University of Virginia."

Opinion: No Objections to Nano?
Scientist
Feb. 3
Dr. Susanna Priest

"While biotechnology has met with mixed public reactions, to date nanotechnology seems to invoke much less public concern."

Why Isn't the Public Terrified of Nanotechnology?
Slate
Feb. 6
Torie Bosch

"Some conspiracy theorists are convinced that nanotechnology will destroy the world; at least one person has sent bombs to professors researching the field. But most people
aren't terribly worked up about nanotechnology, even as discussions about its safety continue."

**Microrockets Use Bubbles To Self-Propel Through Digestive System**
*Huffington Post*
*Feb. 9*

"Perhaps a certain magical school bus could have gotten a boost from this new invention while visiting the human digestive system."

**Lab study raises questions over nano-particle impact**
*AFP*
*Feb. 12*

"Tests involving chickens have raised questions about the impact on health from engineered nano-particles, the ultra-fine grains commonly used in drugs and processed foods, scientists said on Sunday."

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**On Deck**

What local sources are reporting

**Idaho Researcher Works to Create New Lung Cancer Test**
*Boise State Public Radio*
*Feb. 2*
*Samantha Wright*

"More people die from lung cancer each year, than any other cancer."

**Is nanotechnology still in South Bend's future?**
*ABC 57 (South Bend, IN)*
*Feb. 14*
*Tony Spehar*

"Officials say businesses and investors are coming to the city."

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**Nano press**

What nanotechnology related publications are reporting

**What's Happening with Nanofoods?**
*Nanowerk*
*Feb. 2*
"Back in the early 2000's, food nanotechnology seemed to be a very hot topic and large industrial food companies were eager to explore new opportunities offered by nanotechnology applications."

**Graphene transistor goes vertical**
Nanotechweb
Jan. 3

"Graphene is highly conducting and thus ideal for electronic applications. However, its extreme conductivity can also be a problem because devices made from the material remain conducting even when switched off."

**A desalination battery for freshwater production**
Nanowerk
Feb. 7

"Currently, 600 million people face water scarcity. Depending on future rates of population growth, between 2.7 billion and 3.2 billion people may be living in either water-scarce or water-stressed conditions by 2025."

Also noted by IEEE **Spectrum**.

**Exploding microcapsules track down and kill cancer cells**
Nanowerk
Feb. 13

"With the advent of nanomedicine, the concept of a 'magic bullet' to fight cancer is getting closer to reality."

**Other (science) issues related to nanotechnology**

**Nanoshell whispering galleries improve thin solar panels**
EurekAlert
Feb. 7

"Creative engineering produces hollow nanoshell whispering galleries that trap light to improve performance of thin solar films."

**Australians risking skin cancer to avoid nanoparticles**
PhysOrg
Feb. 9

"More than three in five Australians are concerned enough about the health implications of nanoparticles in sunscreens to want to know more about their impact."

Also noted by **IEEE Spectrum**.
A Tough Tip for Nano Manipulation
*Technology Review*
Feb. 9
Duncan Graham-Rowe

"IBM’s Zurich Research Laboratory—where several groundbreaking microscopy tools have been invented—has created a tough new coating for the tip of an atomic force microscope (AFM)."

Large-Scale Production Of Nanosensors
*Chemical & Engineering News*
Feb. 10
Katherine Bourzac

"For the first time, researchers have made arrays of nanoelectromechanical sensors on a large scale in a semiconductor fabrication facility."