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Brain implants, often referred to as neural implants, are technological devices that connect directly to a biological subject's brain – usually placed on the surface of the brain, or attached to the brain's cortex.

Brain implant - Wikipedia

MAURIZIO BALESTRINO, MD CURRICULUM VITAE Born in Genova, Italy, Feb. 9, 1956. Citizenship: Italian
1980: Degree in Medicine and Surgery, with honors

MAURIZIO BALESTRINO, MD CURRICULUM VITAE Born in Genova

Catalytic Bioscavengers Against Toxic Esters, an Alternative Approach for Prophylaxis and Treatments of Poisonings

ActaNaturae ActaNaturae - Archive

A group of scientists is developing a portable, inexpensive and easy-to-use electronic tag to send wireless alerts to smartphones when a telltale gas is emitted by rotten food.

The ultimate 'smell test': Device sends rotten food

An electronic nose is a device intended to detect odors or flavors. Over the last decades, "electronic sensing" or "e-sensing" technologies have undergone important developments from a technical and commercial point of view.

Electronic nose - Wikipedia

We reviews graphene from its fabrication to applications, particularly in graphene-based nanoelectronic biosensors owing to its atomic-scale two-dimensional planar structure having excellent electrical properties such as high carrier mobility and capacity, an ambipolar field-effect, and a highly tunable conductance.

Graphene-based nanoelectronic biosensors - ScienceDirect

Artificial muscle-like biomaterials have gained tremendous interests owing to their broad applications in regenerative medicine, wearable devices, bioelectronics and artificial intelligence.

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