PUBLISHED IN NEURON

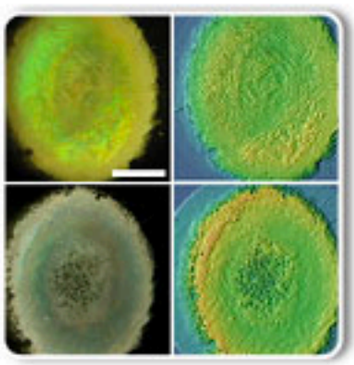
RNA molecules target the genetic building blocks that guide the function of a specific part of neurons.

» Article on AlzForum.org

The research of James Eberwine, PhD, the Elmer Bobst Professor of Pharmacology, and Junhyong Kim, PhD, the Edmund J. and Louise W. Kahn Professor of Biology, was highlighted.

Color-Changing "Blast Badge" Detects Exposure to Explosive Shock Waves

PUBLISHED IN NEUROIMAGE



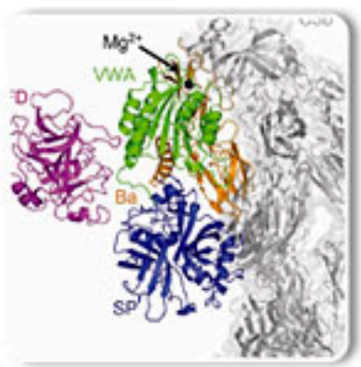
A color-changing patch that could be worn on soldiers' helmets and uniforms indicates the strength of exposure to blasts.

» Article from WHYY NewsWorks
» Article in Technology Review
» Article from Science News
» Article in Wired (UK)
» Article in The Engineer (UK)
» Article from UPI News Service
» Article on Biotech Strategy Blog

The research of Douglas H. Smith, MD, director of the Center for Brain Injury and Repair and professor of Neurosurgery at Penn, D. Kacy Cullen, PhD, assistant professor of Neurosurgery, and Shu Yang, PhD, associate professor of Materials Science and Engineering is highlighted.

Immunology @ Penn Medicine

Structure of Key Immune System Molecule and Clues for Designing Drugs



PUBLISHED IN SCIENCE

A research team has deciphered a key step in an evolutionarily old branch of the immune response.

» Article in MedPage Today

The research of John Lambris, PhD, professor in the Department of Pathology and Laboratory Medicine is highlighted.

Benchmarks is a periodic e-newsletter highlighting basic science research at Penn Medicine that has been featured in the news. We value your feedback as we strive to improve these communications.

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About the header graphic:

Horizontal section through the basal layer of newborn mouse epidermis, stained for HDAC1 (green) and P63 (red). Nuclei are stained blue. HDAC1 and HDAC2 mediate the repressive functions of P63 in epidermal development. Matthew LeBoeuf, University of Pennsylvania School of Medicine (Sarah Millar lab).