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A transcriptional co-regulator links gluconeogenesis and ER stress responses in the liver.

Nucleus, with ER Stress as the Third Wheel

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Nonconscious Neural Representations

A. Schurger

Analysis of functional magnetic resonance imaging data reveals that neural activation patterns are more reproducible for seen versus unseen objects.

Real-Time Observation of Carbonic Acid Formation in Aqueous Solution

K. Adamczyk et al.

The use of a photoacid enables the long-sought characterization of the conjugate acid of bicarbonate.

Insertion of a nucleotide during the repair of a complex lesion in DNA requires tagging of a lysine residue.

Reproducibility Distinguishes Conscious from Nonconscious Neural Representations

A. Schurger et al.

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Experts Criticize Nanoparticle Study

Two white dwarfs may have evolved from intermediate-mass stars that avoided exploding as supernovae.

An interesting case where a protein kinase phosphorylates arginine residues in a transcriptional factor during the bacterial heat shock response.

The Fanconi Anemia Pathway Promotes Replication-Dependent DNA Interstrand Cross-Link Repair

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Insertion of a nucleotide during the repair of a complex lesion in DNA requires tagging of a lysine residue.

The gut microbiome contributes to human metabolic disease and may yield new targets for preventative treatments.

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Arthritis on the Move

Scientists have pinpointed how rheumatoid arthritis spreads inside the body.

Chocolate Cake: The New Heroin?

Yo-yo diets may lead to food addiction.

Experts Criticize Nanoparticle Study

A paper that hints at dangers of nanoscopic particles has no relevance to human disease, they say.

Nanoparticles have been a hot topic in recent years, with concerns ranging from environmental impacts to potential health risks.

Where do we go from here?

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