Researchers from the Wellcome Sanger Institute, the Hudson Institute of Medical Research, Australia, the University of Cambridge and collaborators, have discovered and named two new strains of new bacteria associated with inflammatory bowel disease discovered in mice March 21, 2022. The laboratory mouse is an experimental model widely used in preclinical biomedical research. The efficacy of drugs and their possible adverse effects can be determined in this.
researchers at the josep carreras leukaemia research institute validate an easy way to study the mouse epigenome

Engineers from Stanford University have created an injectable hydrogel that can be loaded with immune cells to enhance CAR T-cell therapy for solid tumors. Their work is published in Science Advances.

**car t-cell therapy hydrogel cures cancer in mouse models**

Deficits in specific inhibitory neurons in the hippocampus contribute to long-term memory problems in a mouse model of Rett syndrome, according to new research. Activating these inhibitory cells can

**faulty inhibition foils long-term memory in rett mice**

The global Genetically Modified Mouse Industry is anticipated to reach owing to presence of major market players and rise in biomedical studies in this region Emergen Research is a

**market research**

**genetically modified mouse industry key players, competitive landscape, growth, statistics, revenue and industry analysis report by 2027**

Miniature microscopes able to be mounted on living animals are a major topic of research, thanks to their potential for its ability to eliminate out-of-focus light to the imaging of mouse brains,

**structured illumination assists imaging of mouse brain**

A team of researchers has now found a way to reverse aging that effectively made cells more youthful in a mouse model of aging this approach may provide the biomedical community with a new tool to

**scientists reverse aging in a mouse model**

Researchers at the University of California, Irvine and the Italian Institute of Technology have developed a new molecule, ALY101, that
shows promising anti-cancer activity against a wide range of

**new molecule holds promise in potential therapies for cancer and rare diseases**
Functional sperm have been developed in vitro from rat stem cells and used to fertilise eggs and produce healthy offspring for the first time. The paper, published in *Science*, reports that scientists

**stem-cell-derived rat sperm cells used to produce healthy offspring**
The research was Graduate School of Biomedical Engineering, Tohoku University. To aid the growth of human myotubes, the researchers used muscle cells taken from a mouse cell line to create

**new research sheds light on effects of exercise on muscles**
Current antibody treatments block SARS-CoV-2 by binding to one of three binding sites on the spike protein. A new protein-based antiviral binds to all three sites on the spike protein, making it more

**new covid-19 nasal spray outperforms current antibody treatments in mice**
Vision Research Reports is unquestionably an expert in providing research reports on a diverse number of subjects including Alternative and Green Energy, Chemical, Energy, Glass, Machinery

**rat and mouse model market size is forecasted to reach US$ 6.9 bn by 2030**
A Columbia Engineering team has developed a technology that could replace conventional biopsies and histology with real-time imaging within the living body. Described in a new paper published today in

**columbia university: new technology could make biopsies a thing of the past**
Four out of six diets help prevent acute kidney injury in the mouse model, reveals a research team led by Professor Dr Roman-Ulrich Müller.
Furthermore, the team identified a potential mechanism.