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Both fiction and non-fiction are covered, spanning different genres (e.g. science fiction, fantasy, thrillers, romance) and types (e.g. novels, comics, essays, textbooks).

Heredity The Code Of Life

Nagoya University scientists in Japan have demonstrated how DNA-like molecules could have come together as a precursor to the origins of life. The findings, published in the journal Nature ...

Origins of life could have started with DNA-like XNAs

It could therefore provide a neat solution to the question of which came first — genetic information or proteins? Strikingly, in terms of their sequences and overall structure, tRNAs are highly ...

Solving the Chicken-and-the-Egg Problem - "A Step Closer to the Reconstruction of the Origin of Life"

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The Nobel Prize in Chemistry was for the first time jointly handed to two women on Wednesday for inventing genetic “scissors” that can snip out unwanted DNA and rewrite the code of life.

Two women win Nobel for 'genetic scissors' that can change the code of life

The idea of panspermia is that life originated on another planet, which was then impacted to eject ... [+] material into space, which then migrated to planet Earth, seeding our world with the earliest ...

Was Life On Earth Brought Here From An Alien System?

Walter Isaacson and Ezra Klein discuss the implications of humanity's awesome, terrifying takeover of evolution.

Humanity's Awesome, Terrifying Takeover of Evolution

Martin and his team introduced the last universal common

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ancestor of all living organisms and named it 'LUCA.' It lived approximately 3.8 billion years ago in hot deep sea hydrothermal vents.

In search of the first bacterium

Isaacson's book focuses on Doudna, a biochemist who played a leading role in developing CRISPR. Isaacson will talk about the book Friday On ExpressNews.com: Big names — including Sandra Cisneros, ...

Walter Isaacson brings 'The Code Breaker,' his biography of Nobel Prize winner Jennifer Doudna, to San Antonio Book Festival

Recent advances in computer technology have lit a fuse under the genomic sequencing industry. And here's what investors need to know now.

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The Bright Future Behind Genomic Sequencing

Nature encodes nucleic acids to assemble enormously complex and highly functional materials that form the foundation of life. To establish a similar ... and can be analogized to a nanoscale genetic ...

Establishing a genetic code for unnatural materials

A Q&A with Walter Isaacson, author of “The Code Breaker,” on how gene editing technology could help cure diseases like Covid-19 — and create new nightmares in the process.

The Big Question: Is the Promise of Gene Editing Worth the Risks?

Staff Supt. Peter Code noted that, while the findings from the genetic genealogy test were not considered evidence, they helped investigators create two potential family trees. “After ...

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A look at genetic genealogy, the science that helped identify Christine Jessop's killer

Navigating the slippery slope of genetic editing ... Doudna's story: "The Code Breaker" traces Doudna's life, starting with her childhood growing up in Hawaii and being inspired ...

'The Code Breaker' author Walter Isaacson on the genetic revolution, regional hubs and ethical lines

a set of molecular scissors called CRISPR that can edit the genetic blueprint of life. Watson would later call CRISPR "the most important discovery since DNA's structure," Walter Isaacson ...

'The Code Breaker' tells the story of CRISPR pioneer Jennifer Doudna

Teams of scientists have cracked the genetic codes of the wild strawberry and a certain type of cacao used to make fine

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chocolate, work that should help breeders develop better varieties of more ...

Scientists decipher genetic code of strawberries and chocolate

Missense variants, or alterations of the genetic code that result in the production of a different amino acid than what would normally be expected, were associated with neonatal onset epileptic ...

A complete genetic and clinical analysis of individuals with SCN2A-related disorders

She pursues this notion of how life began, what happens in our cells ... What CRISPR is is a system in bacteria that can remember the genetic code of viruses that attack them, and then if they ...

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Walter Isaacson, Author of 'The Code Breaker,' On Dr. Jennifer Doudna And CRISPR Gene Editing

People having this mutation have 25 letters of genetic code deleted from a gene MYBPC3 responsible for production of heart muscle protein. The altered form produces an abnormal protein ...

Indians face genetic risk of cardiac attack: Study

Humans will now have to alter the genetic code of affected plants to reenable protection. A professor of chemical ecology at the University of Neuchâtel and co-author of the research, Turlings ...

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