1. PepsiCo launched one new energy drink

PepsiCo has announced that they will launch their first sleep-promoting and stress-relieving energy drink, Driftwell, which contains 200mg of L-theanine ， which has been shown in preliminary studies that can provide relaxation and mood-boosting effects.

2. Antioxidants that support immune health are one of the fastest-growing markets.

Five antioxidants, including lipoic acid, complete vitamin E complex, vitamin C , glutathione, and coenzyme Q10, have the synergistic ability to provide antioxidant activity in the form of "circulating" one another. In addition, selenium (an essential cofactor for thioredoxin reductase) and flavonoids have also been shown to be antioxidants, acting as antioxidants in the body's defense system. Antioxidants that support immune health are one of the fastest-growing markets today. Many consumers are aware that vitamin C and elderberry may enhance immunity, but there are many other options that offer a variety of health benefits while providing immune support. For example, the bioactive substance in Sensoril, a South African drunk, supports a healthy immune response and has been shown to reduce daily stress, improve sleep and the ability to concentrate, all of which are needed during these particular times. Capros-Indian gooseberry , used to support healthy circulation and immune responses. The same is true of PrimaVie, a standard fulvic acid herb that is a bioactive substance that has been shown to modulate healthy immune responses.

3. New effect of astaxanthin and tocotrienol

The supplementation of astaxanthin and tocotrienol has been shown to improve composite and verbal memory in individuals who have exhibited mild forgetfulness, according to an RCT sponsored by BGG Japan.

4. Biotin can be mass-produced by natural fermentation

The Danish biotech company Biosyntia has announced the launch of bio-B7, a naturally fermented biotin made in a sustainable, sugar-based fermentation process that can be used in a variety of products.

Martin Plambech, chief executive of Biosyntia, said vitamin B7 can be used in many product formulations and is well known in areas such as beauty, energy, metabolism and mental performance. Beauty products, for example, maintain skin and hair functions, such as reducing symptoms such as eczema and dermatitis, and can also be used in complex B product formulations with a variety of health benefits.

Shift from synthetic to "natural" At present, most biotin is chemically synthesized and produced from crude oil. The transition from a synthetic process to a natural fermentation process provides sustainable value. This is because fermentation processes have been shown to significantly reduce carbon dioxide emissions, chemical waste, air pollution and water use, whether for vitamin production or commercially scale biotin production processes.

5. Animal-free Chicken proteins can be obtained by natural fermentation.

US biotech company Bond Pet Foods has made an animal-free, protein-rich product. Now the company has announced that the animal-free chicken protein will be used mainly in Pet food, a key step in its efforts to scale up and start commercial production.


Chicken protein is produced under a proprietary process using biotechnology and fermentation rather than the traditional farm and field harvest.Compared with traditional agriculture, the use of proprietary production processes is more humane and sustainable.Bond Pet Foods is able to take a harmless, disposable blood sample to determine the genetic code for the best type of chicken protein to feed to cats and dogs. This genetic code is then combined with a food-grade yeast strain. When the yeast is grown in a fermenter, it churns out meat proteins that are identical to those normally produced on farms and fields.It's a similar fermentation process that has been used to make cheese for half a century, but Bond Pet Foods has reengineered it to produce high-quality animal protein.