



The Importance of Immune System

The pandemic has changed all aspects of our lives and it is indeed a wake-up call for all of us to maintain a strong immune system.

Our immune system comprises of various types of immune cells such as natural killer cells, dendritic cells, macrophages, T-cells and B-cells. NK cells are cells of the innate immune system (first line of defence) which carries out 'natural' killing by recognising and eliminating infected or cancerous cells without affecting the normal cells in the body.

Nonetheless, studies have shown that our immunity weakens with age. With the development of science and technology today, we are able to cryopreserve our immune cells. If the need ever arises, we can grow and 'train' our stored immune cells in the laboratory. These cells can then be infused back into the body to eliminate infected, mutated, and aged cells, allowing healthy cells to grow in a better environment.

[> For more information](#)



Happy Birthday, CryoCord!

CryoCord 20th Anniversary was celebrated in Sunway Resort Hotel, Kuala Lumpur on 15th October 2022.

On this meaningful day, everyone had the opportunity to look back at the road that has been travelled by CryoCord in the past 20 years.

This memorable event was graced by Y.M. Tengku Dato' Dr. Hishamuddin Zaizi, Dato' Sri Khalid and some of the big names from the Malaysian entertainment industry including singer-entrepreneur, Dato' Sri Siti Nurhaliza and comedian, Douglas Lim.

CryoCord's Managing Director, Mr. James Then thanked every staff who contributed to this incredible milestone. It was indeed an extravagant, fun-filled night to celebrate 20 remarkable years of CryoCord being the region's leading stem cell bank.

Are You Ready for a Post Covid World

In this post Covid world, in addition to vaccinating, masking and distancing, resetting your immune system gives you an added advantage to safeguard your future self against Covid-19 and its variants. This is done not just by regular blood tests, but also by accurately analysing your nutritional, inflammation and cognition status through genetic testing. Once the abnormalities are identified, a personalised formulation containing variety of supplements that specifically target your levels is made. Moreover, a further boost with customised NK (Natural Killer) cells does not only protect us against viruses, more importantly it provides protection against tumors and cancers as well. By employing this personalised approach, you are ensuring that your immune system reaches to its peak position and will always be primed and ready to fight the unseen enemies.



[> For more information](#)



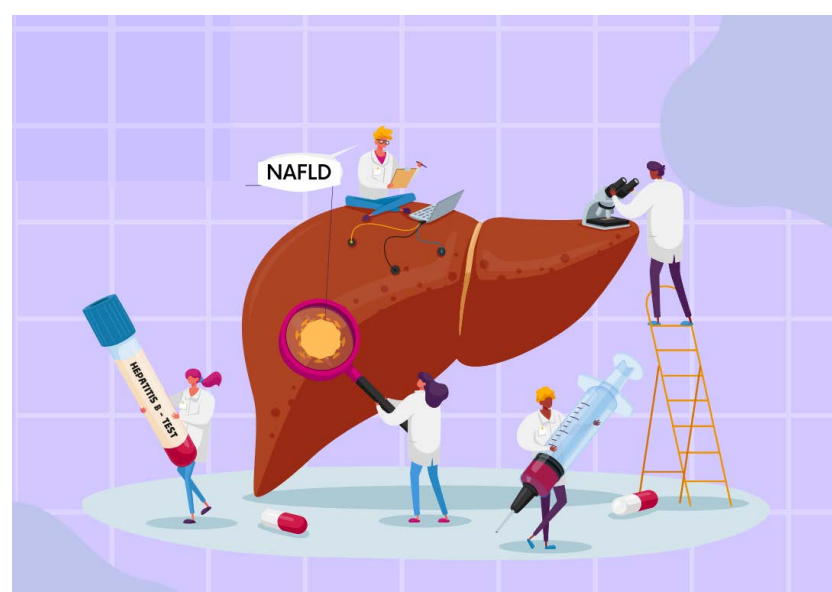
Cord Blood Stem Cell for HIV Infections

At present, there is no way to cure HIV infection, but the virus can go into a 'remission' state. Recently, a US woman of mixed race became the third person who's gone to HIV remission after receiving a cord blood stem cell transplant from a donor. She received high-dose chemotherapy that destroyed her blood cells after she was diagnosed with leukaemia. The cord blood transplantation for her cancer from a partially matched donor. The two previous patients who were cured of HIV received bone marrow transplants that require a close genetic match with the patient. This progress indicates a wider pool of possible transplant recipients from diverse backgrounds. Both bone marrow and umbilical cord blood, which is collected at the time of a baby's birth contain hematopoietic stem cells. Those stem cells develop into all types of blood cells that support the immune system.

[> For more information](#)

Boosting Antioxidants in the Liver Helps Improve NAFLD

Non-alcoholic fatty liver, commonly known as fatty liver, is an umbrella term for a range of liver conditions caused by a build-up of fat in the liver. It affects people who are overweight with high cholesterol levels. NAFLD is the most common form of chronic liver disease and can progress into non-alcoholic steatohepatitis (NASH), an aggressive form of fatty liver disease. This eventually leads to liver cirrhosis and cancer if left untreated.



Apart from dietary and lifestyle changes, several studies have shown improvement in liver function and reduction of inflammation when NAFLD patients were given a potent antioxidant known as N-acetylcysteine (NAC). It is well established that NAC leads to the formation of glutathione which restores oxidative balance of liver cells, hence healing of the liver can begin. NAC can be easily consumed daily by doses titrated by your physician, and long term usage have shown significant liver improvement.

[> For more information](#)

