

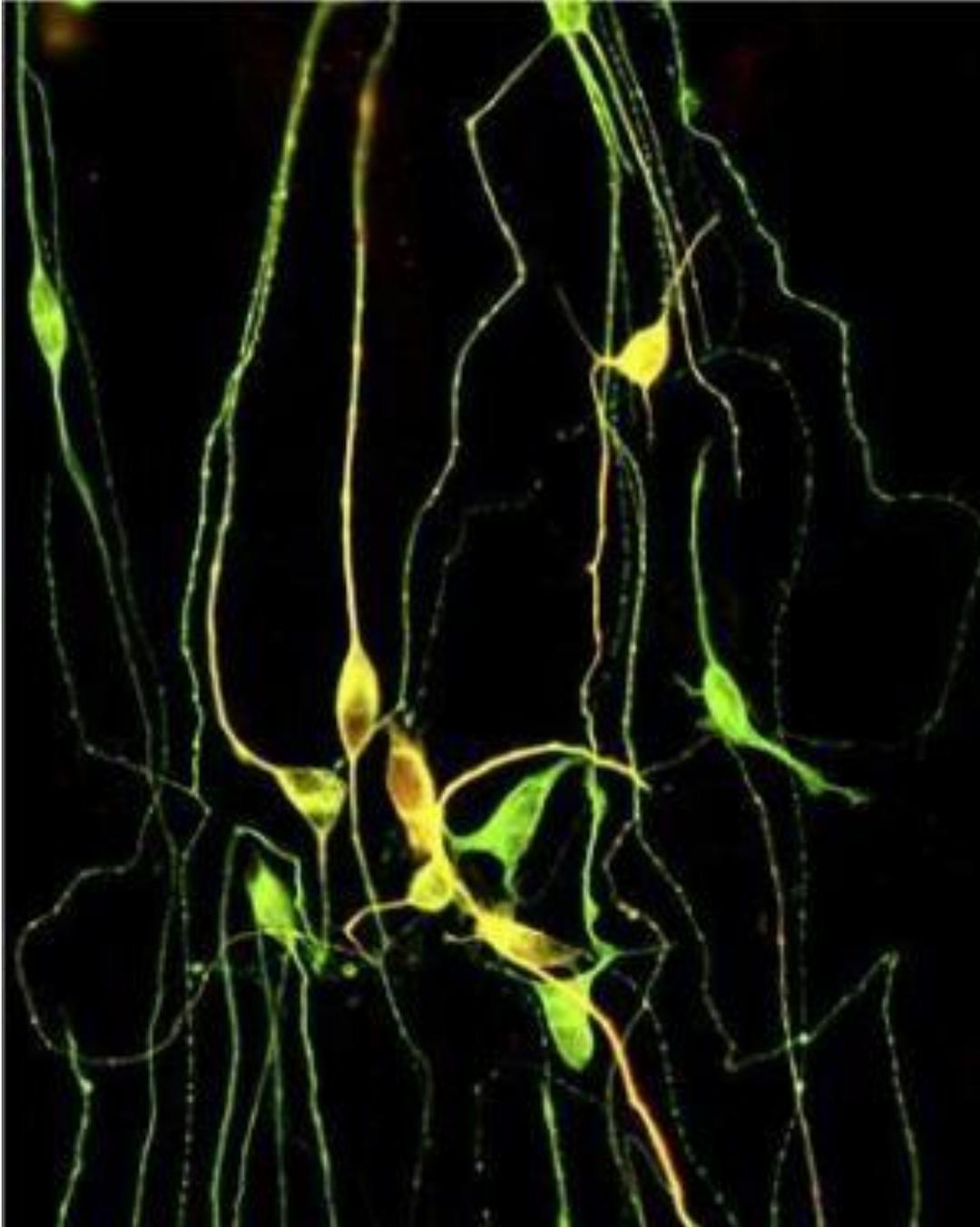
# Alternatives in Biomedical Research



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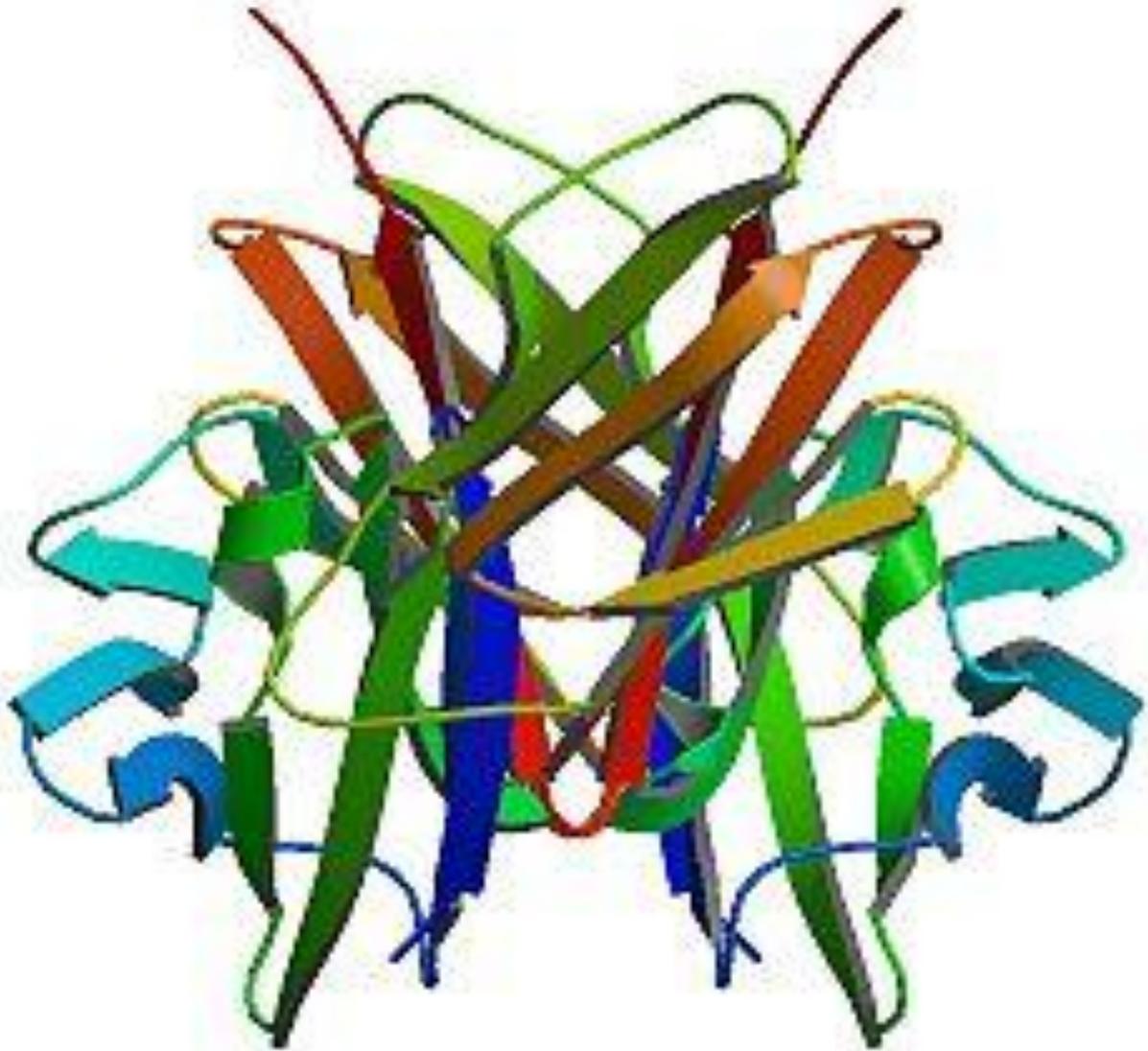
This is a guide to alternatives in biomedical technology as well as biochemistry. This includes using skin cells to replace nervous tissue, using artificial blood cells, and alternatives to stem cell research as well as possibly cures for aids or cancer.

Just recently, Bonn scientist discovered the phenomena that using biomedical engineering and cellular reconstruction you can create nerve cells from skin cells. This has been proven true in a scientific study in which 100,000 skin cells can produce 200,000 nerve cells. This is a new fundamental in cellular transformation.



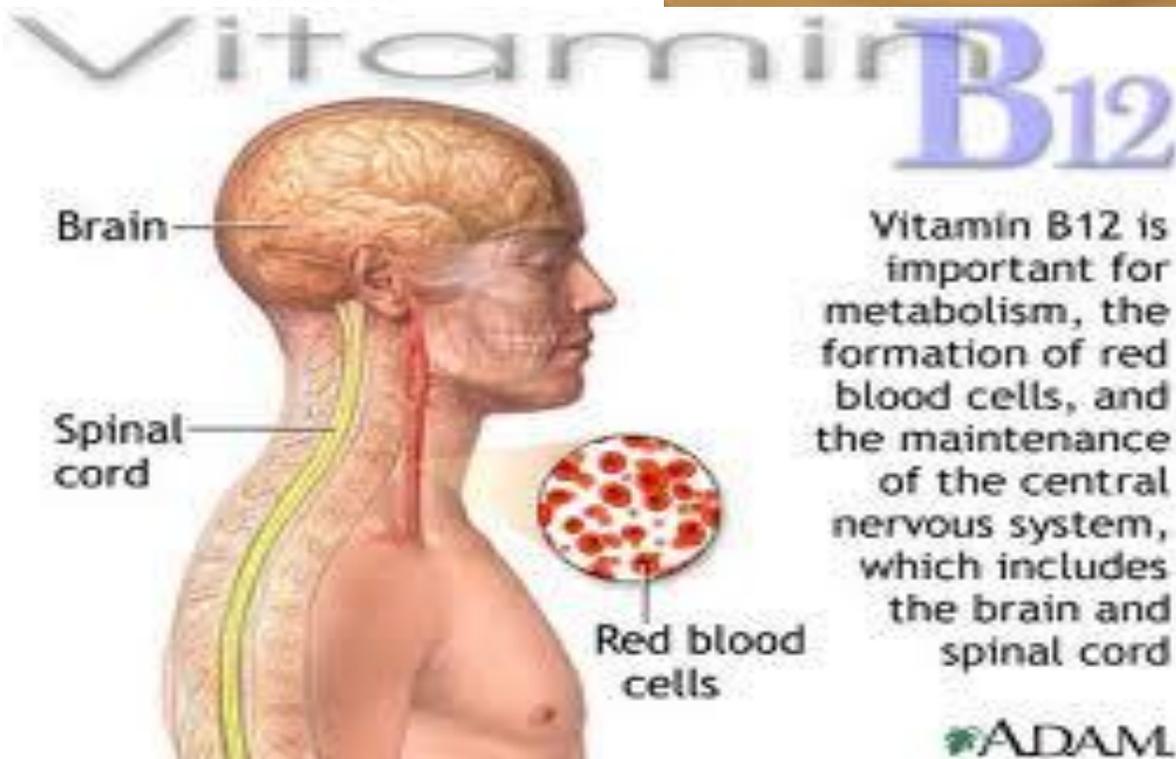
The image above shows skin cells being used to create nerve cells, the cells have been dyed the colors red and green. Now scientist will be trying to use skin cells as a way to possibly build other tissues as well.

“T4 cells can kill all sorts of bacteria” say top researchers at Cambridge. “What if it can be used to cure aids”, I thought to myself. T4 cells are one of the rare bacteria and virus consuming viruses, then is there any hope it can cure aids? The idea that T4 cells have been severely dilapidated into aids can bring forth the idea of using T4 cells to create a vaccine for the virus. What if you could actually use T4 cells to kill the HIV virus and create a vaccine from it? If so, then this would be a fundamental discovery in the field of science.



The photo above shows the crystal structure of T4 cells as well as the direction in which they absorb and consume bacterial cells.

Extract from the Guyabano fruit, B12 Vitamins, and Oils from Prune fish combined will possibly create a drug that can destroy cancer cells by giving the Immune system the ability to remember the attacks of cancer cells and tumors. The Guyabano fruit and Prune Oil combined will help by letting the immune system remember the attacks. The B12 vitamins will help the immune system recover vitamin restoration and strength after the attack. The ideas of combining all 3 haven't been researched or brought up till now. However, the idea that each one can help the immune system and can fight off attacks has been proven to work many times throughout history. Not just in mice, but in people as well.



Sources:

1. Universität Bonn. "Skin and umbilical cord cells turned directly into nerve cells." *ScienceDaily*, 11 Apr. 2012. Web. 15 Jan. 2013.
2. <sup>^</sup> PDB 1cdh; Ryu SE, Truneh A, Sweet RW, Hendrickson WA (January 1994). "Structures of an HIV and MHC binding fragment from human CD4 as refined in two crystal lattices". *Structure* 2 (1): 59–74. PMID 8075984.
3. "The Nobel Prize in Physiology or Medicine 2012". Nobelprize.org. 15 Jan 2013 [http://www.nobelprize.org/nobel\\_prizes/medicine/laureates/2012/](http://www.nobelprize.org/nobel_prizes/medicine/laureates/2012/)