Science 9

## **Hypertrichosis**

How did Hypertrichosis appear on the hosts' body at first? (Hypertrichosis Wikipedia)

I am a mix up in your genetic material causing you to have a gene mutation that happened to be me, hypertrichosis, I can appear at birth or later on in life. At either time I begin with a little bit of hair around your body but after that I grow and expand and then I make you into a real life Chewbacca



Here is a picture of Chewbacca from star wars on the left and on the right is a picture of somebody diagnosed with me, now people say that I am a negative mutation but I beg to differ, my reasoning is that I make you reassemble a movie star! Sure he might not be your first pick but he is still very popular!

What caused hypertrichosis? (BC science 9 textbook)

I was caused by a mix up in somebodies genetic material no matter the age, so say a letter was added, deleted or replaced it could have caused me. You humans have to mate to reproduce but like many computer coding errors I was created by an error in the code of your genetic materials which are basically shaped like a coiled up latter in your X shaped chromosomes. The full story is after the error has happened mitosis happens, mitosis is the cells way of asexually reproducing with the chromosomes in it, it splits so half of me goes to one cell and the other goes to another cell and if I keep multiplying like that then the physical trait (all the hair) will become more and more visible.

How does hypertrichosis effect the hosts' lives? (http://www.livescience.com/14430-werewolf-disorder-gene-discovered-excess-hair.html)

A man named Patel was diagnosed with me and he took it surprisingly well he went to get some tests done for his condition and they found a gene that could quicken the process of hair growth meaning it could help with heredity hair loss and hair loss in general. So my disease can either help people or make my host embarrassed for the amount of hair on their body, in that case I really shouldn't be considered a negative mutation, 1 because I can make you reassemble a movie star and 2 because I can help other people with their hair loss, at the very least I should be a neutral mutation if not a positive one!