

# Imagine



# Blend in

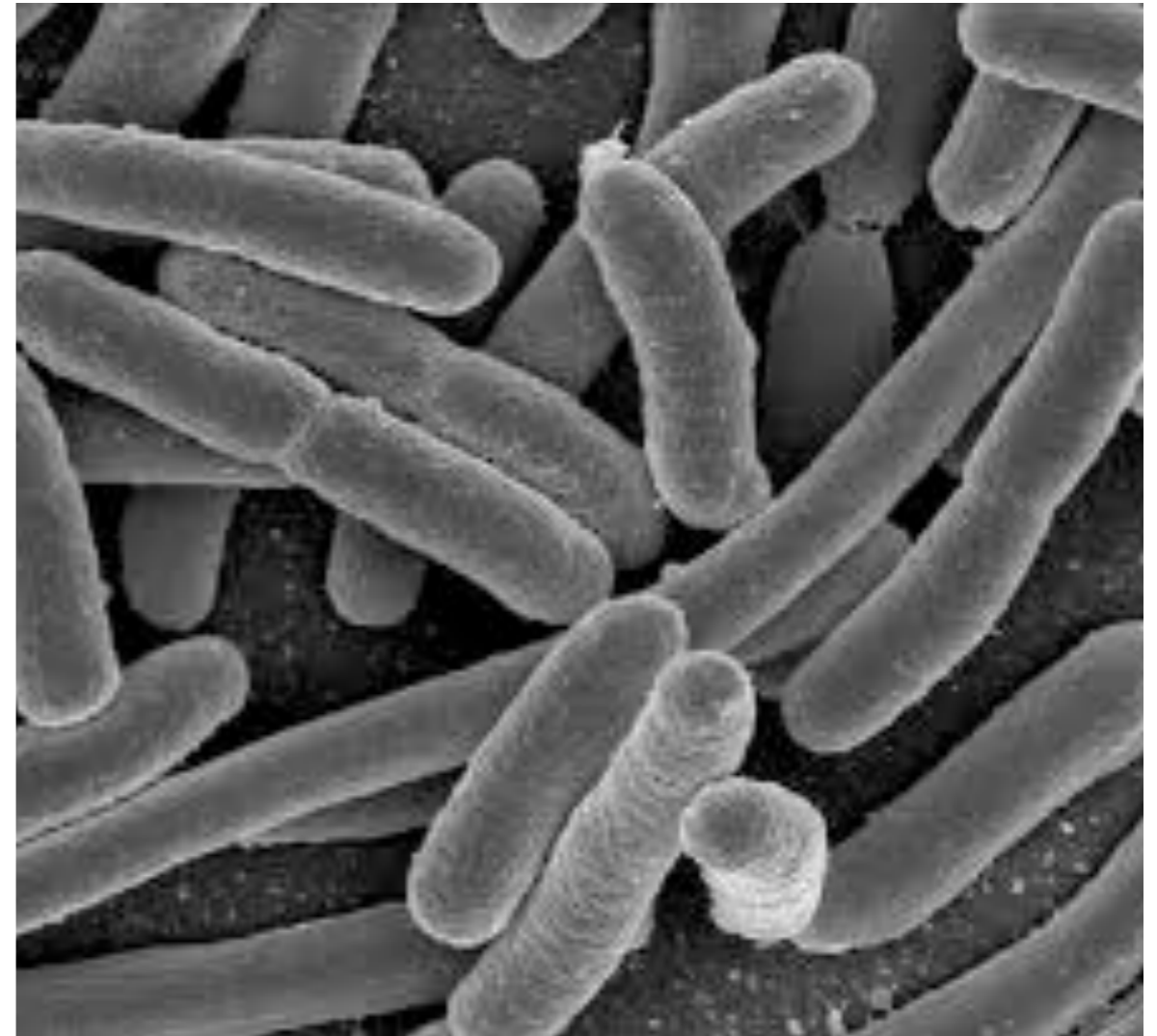


All of us have dreamed of being invisible. though that is a little far fetched, we did think why can we not take the properties of a chameleon, and blend in to the environment. Hence giving us the power of invisibility.

We figured that we could incorporate the color blending in gene from a chameleon into the E.Coli bacteria. Which in turn would be grown on a T-Shirt. Then the wearer will turn invisible!!! Well sort of.

40kD proteins are extracted from Xanthophores code for the color yellow. H-88 and H-89 protein inhibitor code for the color red. Genistien, a tyrokinase inhibitors which is the second layer which codes for crystals which reflect blue light.

Pigment granules.



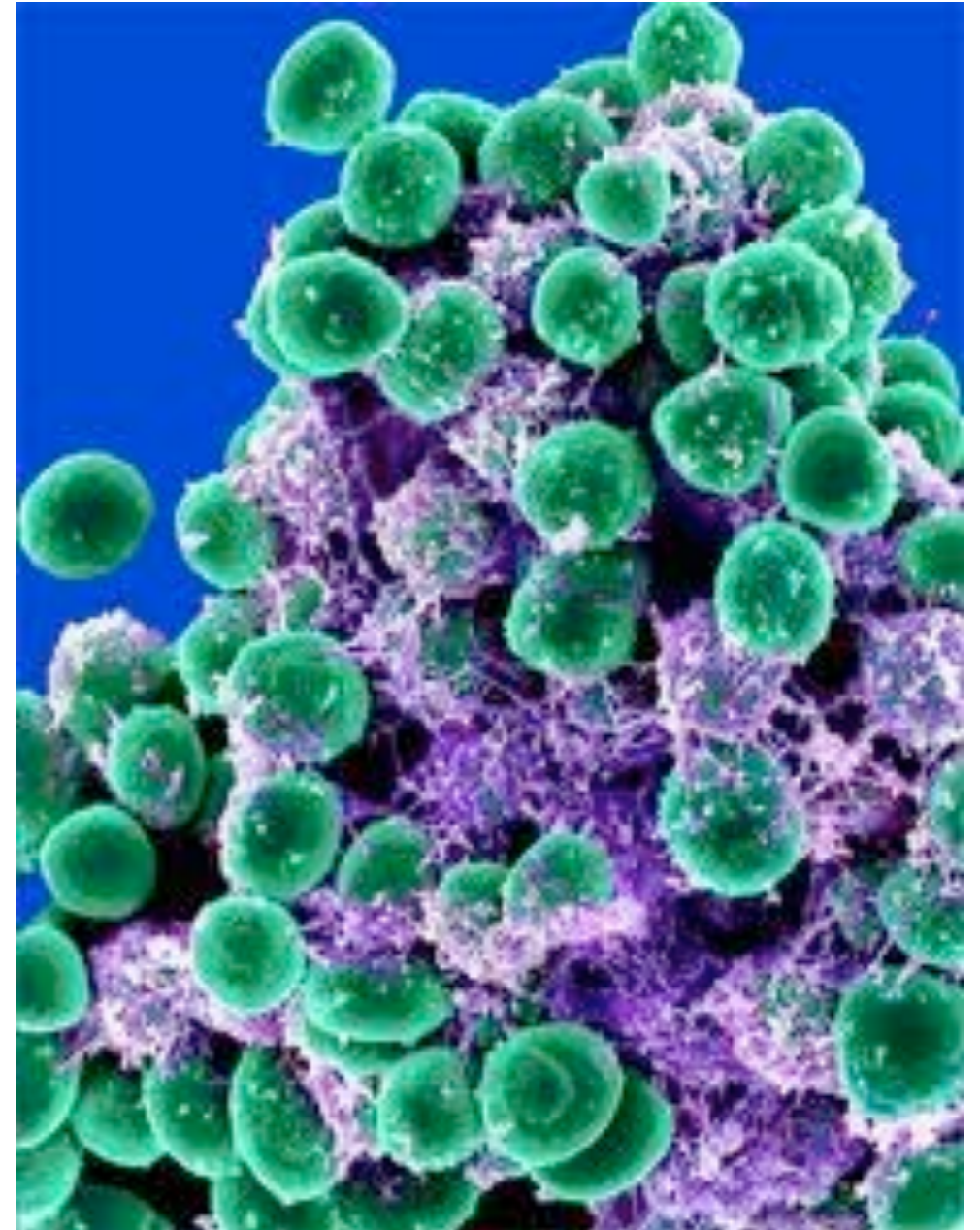
# Happy feet



Smelly, dirty feet are always annoying. Hence, the idea for a new species of bacteria that will eat away the dead skin and dirt on feet, and make your feet smell good. This bacteria can be introduced into the soles of shoes and be recycled every six months.

In the right conditions, bacteria will feast on your feet. These bacteria eat dead skin cells and oils from your skin. Their colonies will grow and start getting rid of waste in the form of organic acids. It's those organic acids that smell bad. Some of these bacteria include *Micrococcus sedentarius*, *Brevibacteria*, *Propionibacteria* and *Staphylococcus epidermidis*.

If these bacteria were modified in order to release sweet, enticing odours instead, we would have non-smelly, and clean feet. Say, your choice of smell is vanilla. Then the BioBrick BBa\_I769002 can be injected into the DNA of any of the above bacteria, in order to make the bacteria produce vanilla smells.



# Morph



**THE END**