





Albinism is a genetic condition that affects the production of melanin, the pigment that gives skin, hair, and eyes their color. It is caused by a mutation in the gene that codes for the enzyme tyrosinase, which is responsible for the production of melanin. There are two main types of albinism: oculocutaneous albinism (OCA) and ocular albinism (OA). OCA affects both the skin and the eyes, while OA only affects the eyes. The most common form of OCA is OCA1, which is caused by a mutation in the TYR gene. OCA2 is caused by a mutation in the SLC45A7 gene. OA is caused by a mutation in the GPR143 gene. Albinism is a rare condition, affecting about 1 in 20,000 people. It is more common in certain ethnic groups, such as people of African descent. Albinism is not a disease, and people with albinism can live normal lives. However, they may have some health problems, such as vision problems and skin cancer. People with albinism should be protected from the sun and wear sunglasses. There are no treatments for albinism, but there are ways to manage the symptoms. For example, people with vision problems may need to wear glasses or contact lenses. People with skin cancer may need to have the cancer removed. Albinism is a genetic condition that affects the production of melanin, the pigment that gives skin, hair, and eyes their color. It is caused by a mutation in the gene that codes for the enzyme tyrosinase, which is responsible for the production of melanin. There are two main types of albinism: oculocutaneous albinism (OCA) and ocular albinism (OA). OCA affects both the skin and the eyes, while OA only affects the eyes. The most common form of OCA is OCA1, which is caused by a mutation in the TYR gene. OCA2 is caused by a mutation in the SLC45A7 gene. OA is caused by a mutation in the GPR143 gene. Albinism is a rare condition, affecting about 1 in 20,000 people. It is more common in certain ethnic groups, such as people of African descent. Albinism is not a disease, and people with albinism can live normal lives. However, they may have some health problems, such as vision problems and skin cancer. People with albinism should be protected from the sun and wear sunglasses. There are no treatments for albinism, but there are ways to manage the symptoms. For example, people with vision problems may need to wear glasses or contact lenses. People with skin cancer may need to have the cancer removed.