

A Novel Energy and Immune Boosting Nutrient with Anti-Aging Potential

Ratfish liver oil has been used in traditional medicine for centuries by Scandinavian living in the coastal areas of Norway, Sweden and Iceland. Termed ‘gold of the ocean’ by the Vikings, Ratfish Liver Oil was prized above all other fish oils including cod liver oil. The oil was used for its strengthening effects, for the maintenance of general health as well as for specific purposes.

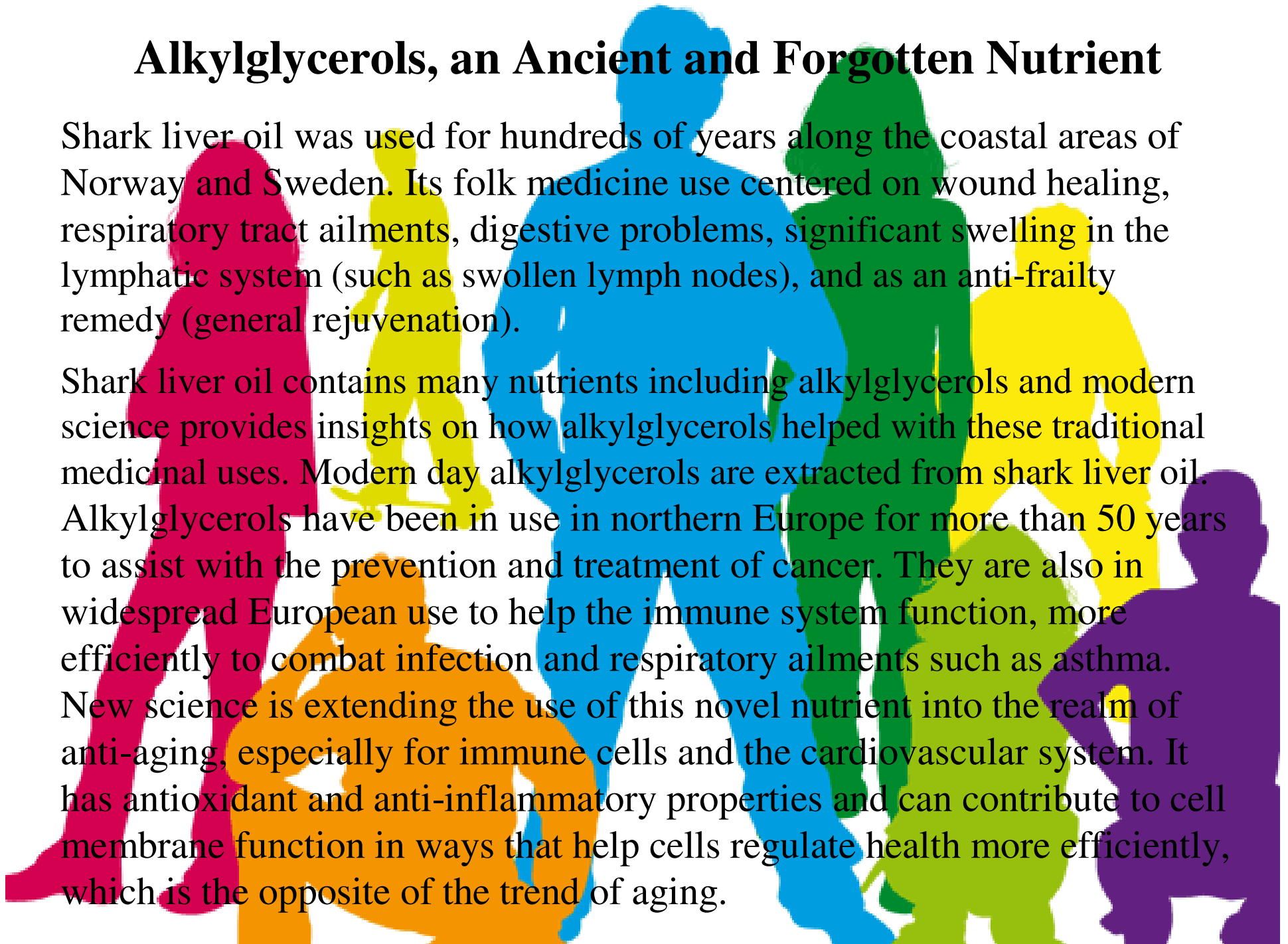
The Chimaeras are a very primitive group of fish, with skeletons composed of cartilage instead of bone, dating back for more than 400 million years. They are true survivors of ancient dinosaurs, and have changed very little since. They may actually be the oldest and most enigmatic groups of fishes alive today. Truly an ancient living fossil!

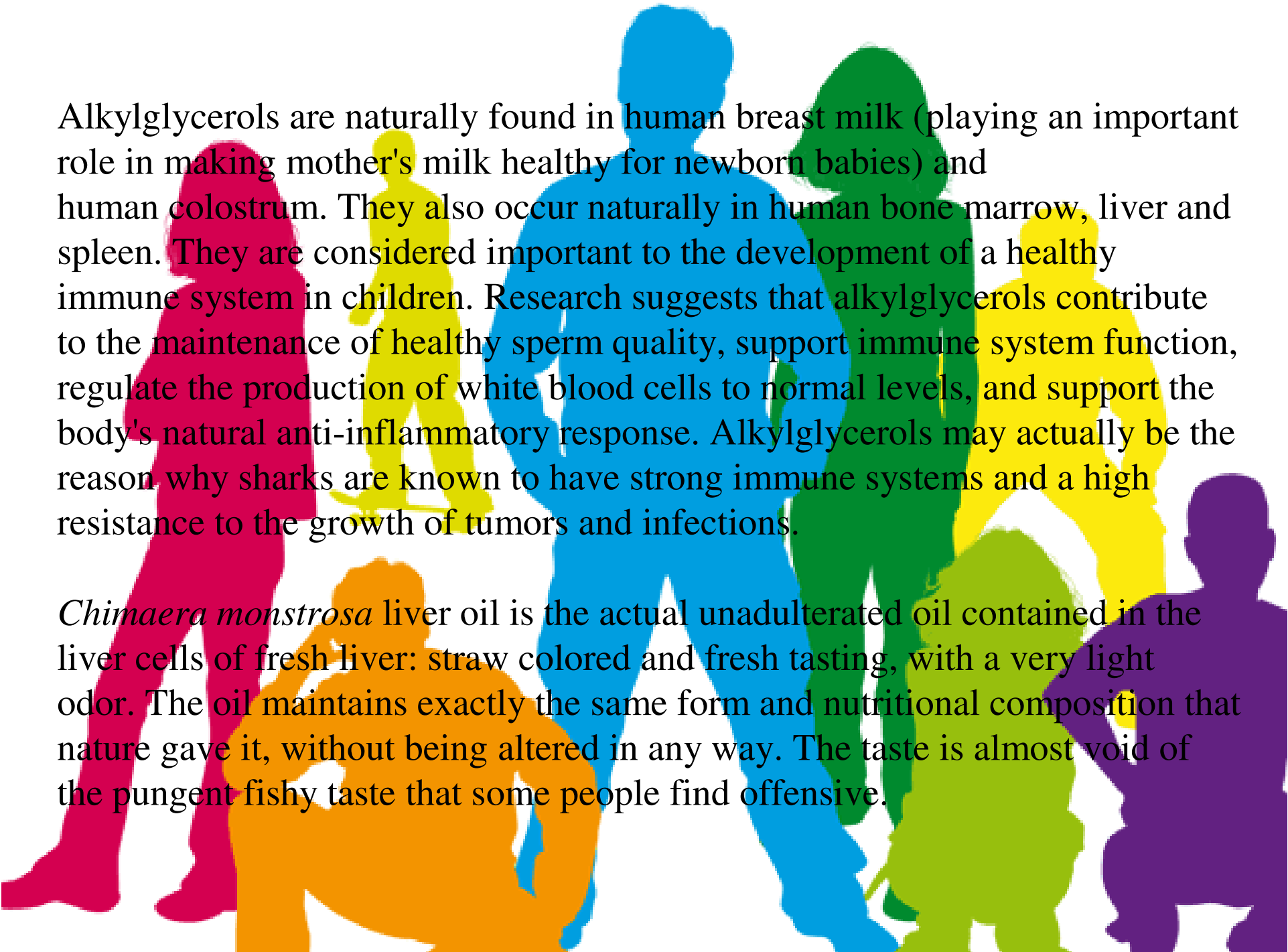


Alkylglycerols, an Ancient and Forgotten Nutrient

Shark liver oil was used for hundreds of years along the coastal areas of Norway and Sweden. Its folk medicine use centered on wound healing, respiratory tract ailments, digestive problems, significant swelling in the lymphatic system (such as swollen lymph nodes), and as an anti-frailty remedy (general rejuvenation).

Shark liver oil contains many nutrients including alkylglycerols and modern science provides insights on how alkylglycerols helped with these traditional medicinal uses. Modern day alkylglycerols are extracted from shark liver oil. Alkylglycerols have been in use in northern Europe for more than 50 years to assist with the prevention and treatment of cancer. They are also in widespread European use to help the immune system function, more efficiently to combat infection and respiratory ailments such as asthma. New science is extending the use of this novel nutrient into the realm of anti-aging, especially for immune cells and the cardiovascular system. It has antioxidant and anti-inflammatory properties and can contribute to cell membrane function in ways that help cells regulate health more efficiently, which is the opposite of the trend of aging.



A collection of colorful silhouettes of people in various poses, including standing, sitting, and crouching, in shades of pink, yellow, blue, green, orange, and purple, serving as a background for the text.

Alkylglycerols are naturally found in human breast milk (playing an important role in making mother's milk healthy for newborn babies) and human colostrum. They also occur naturally in human bone marrow, liver and spleen. They are considered important to the development of a healthy immune system in children. Research suggests that alkylglycerols contribute to the maintenance of healthy sperm quality, support immune system function, regulate the production of white blood cells to normal levels, and support the body's natural anti-inflammatory response. Alkylglycerols may actually be the reason why sharks are known to have strong immune systems and a high resistance to the growth of tumors and infections.

Chimaera monstrosa liver oil is the actual unadulterated oil contained in the liver cells of fresh liver: straw colored and fresh tasting, with a very light odor. The oil maintains exactly the same form and nutritional composition that nature gave it, without being altered in any way. The taste is almost void of the pungent fishy taste that some people find offensive.

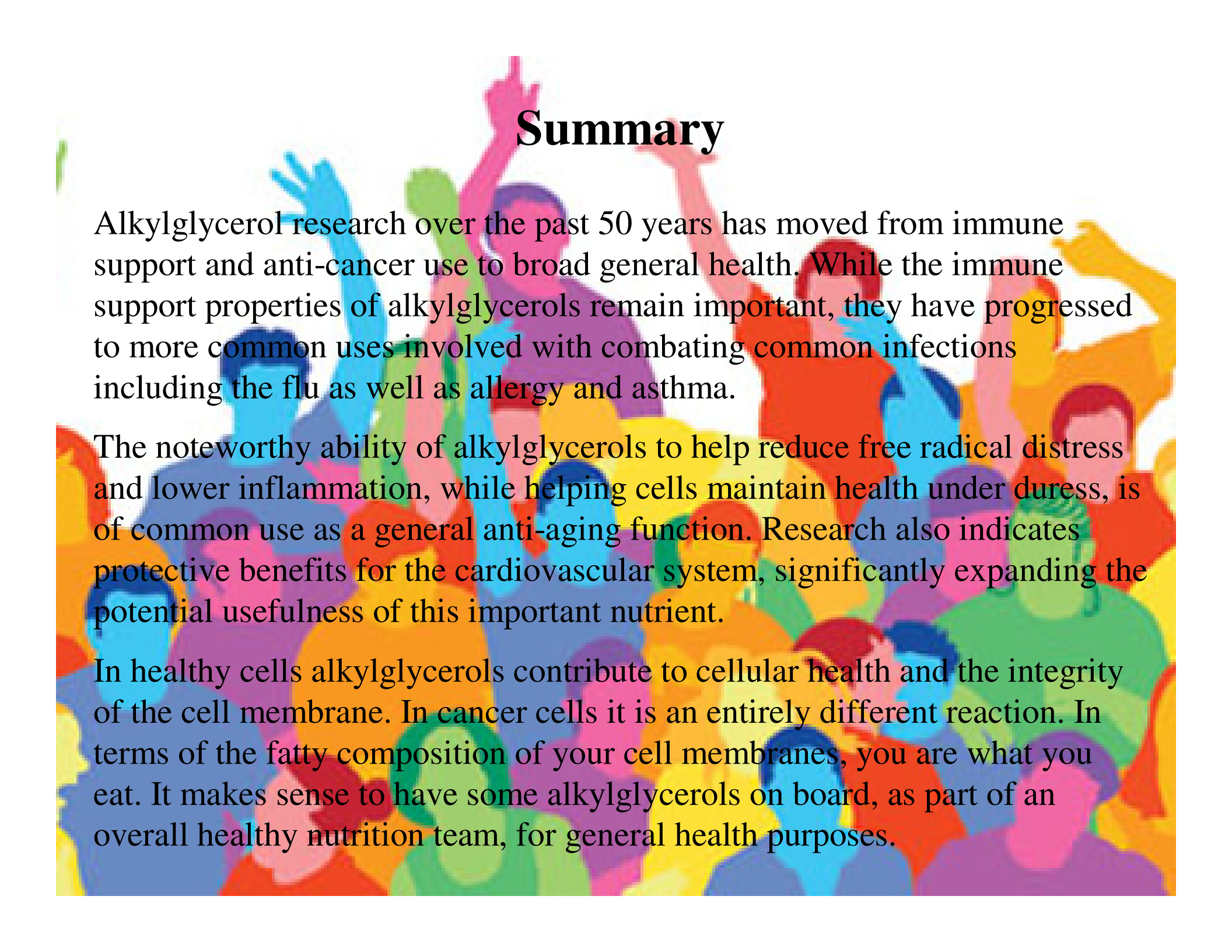
Key Nutritional Features

Ratfish Liver Oil contains Fat-Soluble Vitamins (A, D3 and E), Phytosterols (campesterol, stigmasterol and Δ^5 -avenasterol) and a wide spectrum of naturally occurring Fatty Acids (omegas 3, 4, 6, 7, 9, & 11).

The long-chain omega-3s (EPA and DHA) - which come mainly from fish and seafood (particularly fatty fish) – are essential fats meaning that the body cannot make them from scratch but must get them from food.

- . Omega-3s support healthy brain, eye, and immune system function.
- . EPA and DHA contribute to the normal function of the heart, help keep blood pressure in the healthy range, and support flexible joints.
- . In the fetus and in breastfed infants DHA contributes to normal brain and eye development.

Besides these nutrients, Ratfish Liver Oil has been found to contain exceptionally high amounts of biologically active lipids (fatty substances) called “Alkylglycerols” making it very different from other fish liver oils.



Summary

Alkylglycerol research over the past 50 years has moved from immune support and anti-cancer use to broad general health. While the immune support properties of alkylglycerols remain important, they have progressed to more common uses involved with combating common infections including the flu as well as allergy and asthma.

The noteworthy ability of alkylglycerols to help reduce free radical distress and lower inflammation, while helping cells maintain health under duress, is of common use as a general anti-aging function. Research also indicates protective benefits for the cardiovascular system, significantly expanding the potential usefulness of this important nutrient.

In healthy cells alkylglycerols contribute to cellular health and the integrity of the cell membrane. In cancer cells it is an entirely different reaction. In terms of the fatty composition of your cell membranes, you are what you eat. It makes sense to have some alkylglycerols on board, as part of an overall healthy nutrition team, for general health purposes.