

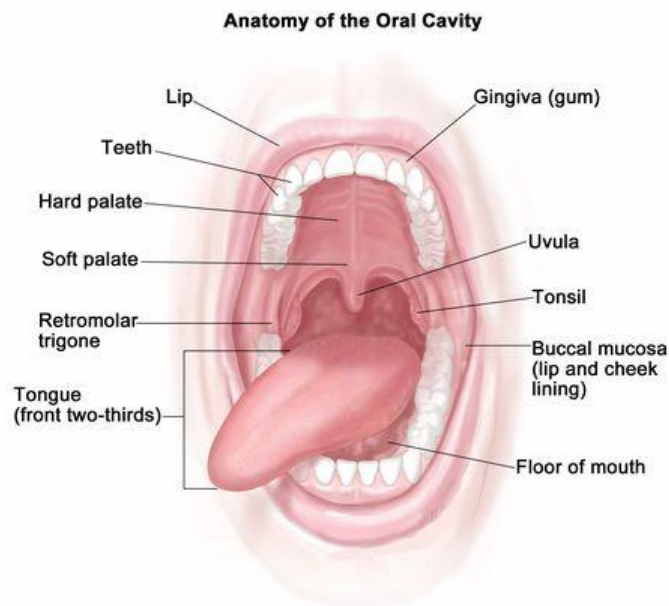
Nutrient Absorption Begins in the Mouth Why the APLGO Drops are 100% Absorbable

<https://www.holisticchoices.com/apl>

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The human body is highly and intricately complex, and explaining how nutrient absorption works cannot be explained in simple terms. However, to summarize, every nutrient in the drops are highly compatible with our body's trillions of cells that compose all tissues of organs, structures, and fluids. As they are being dissolved in the mouth, their micronutrient contents easily enter the bloodstream through the buccal mucosa cell membranes of the mouth.



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Photo: <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/oral-cavity>

Only micro-sized nutrients that are small enough and permitted to enter the inner environment of every cell in the body are allowed to enter through those very particular cell membranes. There are proteins sitting on the cell membrane sites that detect, identify or verify only correctly structured molecules that are biologically compatible and are "of self", as science terms it, to enter the cells. Cells differ in structure according to the body systems they compose; however, the inner organelles are all the same, including all genetic codes of instructions residing in the DNA.

Cell Structure

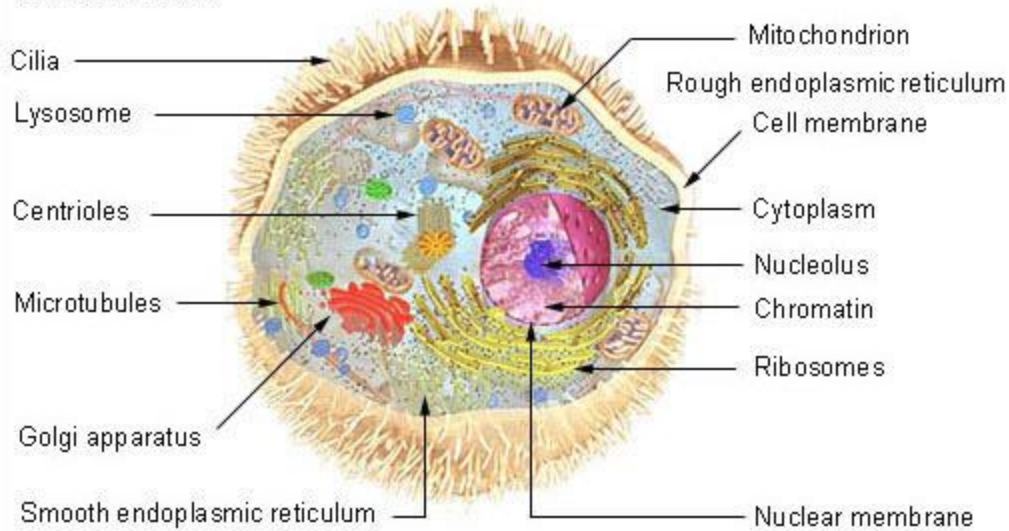


Photo: https://training.seer.cancer.gov/anatomy/cells_tissues_membranes/cells/structure.html

Cell Membrane

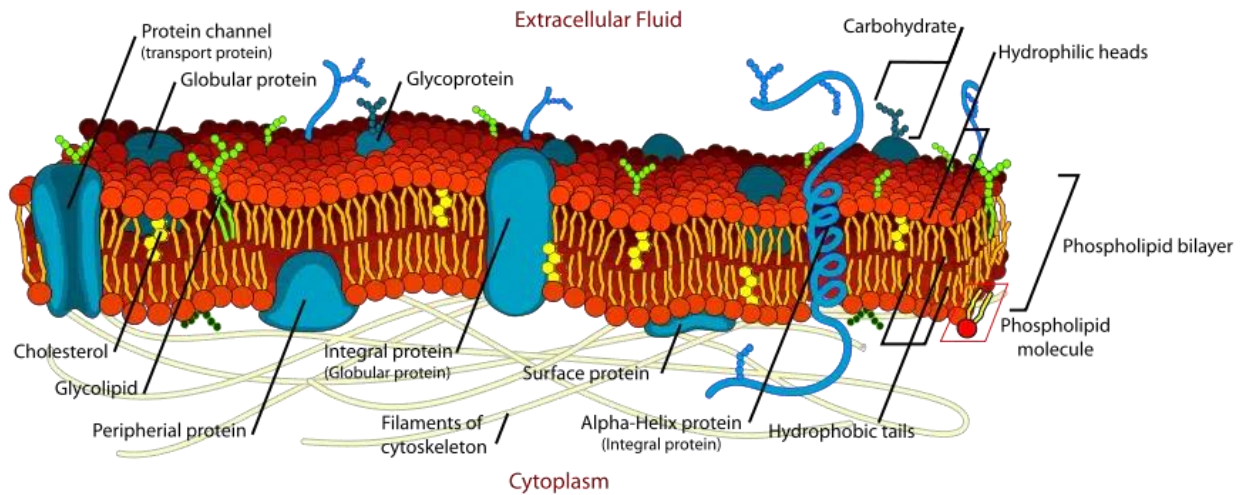


Photo: <https://teachmephysiology.com/histology/cell-structures/cell-membrane/>

As the nutrients in the dissolved drops enter the bloodstream and are circulating throughout the body via the blood vessel networks, they arrive at the cells of every body system and their functioning organs. The genetic code of instructions in the DNA in every single cell in the body directs and communicates via signaling molecules driven by nerve transmission communications of the nervous system to involve the glandular and immune system in determining where those nutrients are needed. This is done according to the body's innate hierarchy of needs and priorities as to where those nutrients will be utilized.

During the production process, the plant materials and their plant fluids, regarded as "the life blood of plants", remain enzyme-active and retain their active phytochemical compounds. The viable plant materials are also subjected to a simulated lightning storm, where negatively

charged ions are taken up at the atomic, submolecular level in the plant materials, thus increasing their antioxidant or cell-protective capacity and further increasing their absorbability on the body's cell receptor sites.

As you can see above in the diagram of the cell membrane, there are many proteins there that facilitate the nutrient absorption process, or repel any non-compatible substance circulating in the bloodstream. The body's circulatory system is extensive, as there are blood vessels that deliver nutrients, water and oxygen to every area of the body.

Of all the nutrient factors in the drops, there are no molecules that are not rejected at the cell receptor sites; they are immediately recognized as "self" or readily utilizable inside the inner workings of our trillions of active cells that work to perpetuate life.

Resources:

Website: <https://www.holisticchoices.com/>
<https://www.holisticchoices.com/books-by-mary-esther-gilbert>