Skin aging is the combination of chronological aging (genetically determined) and photoaging (premature skin aging due to the effects of cumulative exposure to UV radiation). As skin ages, its structure and chemistry are altered. For instance, cell differentiation and migration from the bottom of the epidermis to the top becomes slower. In the dermis, UV radiation breaks down collagen and elastic fibers leading to visible wrinkles. From a clinical point of view, skin becomes dry and thinner, it loses its elasticity, firmness and softness causing wrinkles to appear.

Salicyloyl-Phytosphingosine (Phytosphingosine SLC) is the ideal active to prevent and reverse the signs of skin aging by providing a complete response. It improves the barrier function of the skin from within by supporting epidermal cell differentiation, skin repair and skin renewal, and by reinforcing the dermal-epidermal junction of the skin. Phytosphingosine SLC improves the conditions of mature or photo-aged dermis by boosting collagen synthesis and reducing its degradation. Therefore Phytosphingosine SLC contributes to minimizing the signs of aging and smoothes the skin’s appearance by reducing deep wrinkles.