



## METADATA

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### Abstract

This book has been written primarily for postgraduate students of Pharmacy in order to have a modern text to complement lectures on the use of natural products in Cosmetology. However, it is also valuable in other courses that include the study of natural products. For centuries, products for external use, either for beautification or for the treatment of dermatological diseases, were completely of natural origin and consisted of herbs, animal products and inorganic ingredients. As we age, our skin becomes dry, scaly, itchy, develops wrinkles, sun pigmentation and in some cases, it becomes less pleasant to look and touch. Consequently, it becomes less pleasant to look and touch. In fact, we know that aging is evolutionary and only partially modifiable. At the same time, the equation "ugly skin (appearance) = ugly person" can lead to "aging stress". This book aims to provide some tools in understanding the aging process and skin appearance what can or cannot be changed through the use of cosmetics. Consequently, it will facilitate the acceptance of the invariant

and encourage further investigation of the processes that can be controlled. In recent years, impressive new technologies have been developed to measure and assess skin aging. Therefore, the treatment of skin disorders observed during aging is facilitated. This book presents recent scientific findings concerning natural products, as well as their action in the treatment of skin aging. The first two chapters deal with the physiology and structure of the skin. Then herbal drugs and marine organisms used in cosmetics are presented in alphabetic order. Moreover, moisturizing products, pigments of natural origin, oils, fats and waxes used in cosmetics are mentioned. This is followed by chapters with natural ingredients helpful in the treatment of skin diseases, such as acne, psoriasis, atopic dermatitis as well as wound healing. Finally, natural ingredients used in oral hygiene products are listed. The last chapter presents the theories related to the aging process and the role of neuropeptides in inflammation.

