

〈シンポジウム〉

機能を持つ化粧品の有用性を支える技術

産官学研究の活性化
——機能を持つ化粧品の開発に向けて——

井上紳太郎*

Enhancement of Collaboration among Industry, Government, and Academia
——For Developing Functional Cosmetics——

Shintaro INOUE*

Abstract

Various scientific knowledge and technology are required for developing functional cosmetics. For example, when we develop skin care products for moisturization, whitening, or anti-aging treatment, many scientific problems or questions to solve lie before us. How is skin maintained healthy? What accelerates aging? What kind of factors is involved in wrinkle or pigment formation? How do effective ingredients work in the target skin cells? Furthermore, we sometimes have to establish a new methodology or technology to find original events in the skin for proposing new skin care concept. Under such situation, collaboration among industry, government, and academia is indispensable to achievement of the effective and efficient research program.

We, however, often face difficulty in making collaboration because of different understanding of intellectual property. Here I discuss on inhibitory factors in making collaboration among industry, government, and academia after development of independent administrative institution and national university corporation. Then I will propose an example of a way of research planning for collaboration, which can meet each demand (needs) by utilizing industrial research sources (seeds).

Key words: functional cosmetics, collaboration, independent administrative institution, national university corporation, intellectual property