

<シンポジウム>

# 製 剤 設 計 の 考 え 方

## —外用剤と化粧品の相違—

松本 光雄\*

### Consideration for Formulation

#### — Differences between Drugs for External Use and Cosmetics —

Mitsuo MATSUMOTO\*

#### Abstract

Drugs for external use and cosmetics are apt to be treated as the same when designing formulas, because they have lots of similarities in external appearance.

But in the Japanese Drug Act, so-called quasi-drugs (Iyakubugai-hin in Japanese) are classified into a group different from the drugs and the cosmetics classifications, which includes so-called medicated cosmetics (Yakuyo-keshohin in Japanese).

The most important points in the evaluation of drugs are 1) the quantity of physiologically effective ingredients contained in the formula and 2) how long these drugs can be stored without decomposition. Moreover these criteria must be shown to have been satisfied by tests.

Up until recently, it seems likely that with ointments compound ingredients are easily approved for use because of the difficulty ... an accurate assay of their ingredients. However, the development of chromatography is making more accurate assessments possible now.

Cosmetics, on the contrary, are evaluated as a whole product made up of various components. It is also important that the analytic technology is applied to cosmetics to ensure their safety and quality control.

In conclusion, what is the essential point in each formulation should be always considered and drugs and cosmetics should be treated as the different things.