特別講演「香粧品科学における毒性学の展望」

2. Recent Developments in the Science of Toxicology: Toxicity to the Immune System

James E. Gibson
Chemical Industry Institute of Toxicology
Research Triangle Park, North Carolina

Abstract

Chemicals and drugs may induce selective cell toxicity, modify host proteins, and alter interactions between immunocompetent cells. Immunotoxicity may take the form of allergy, autoimmune disease and/or immunosuppression. In vivo and in vitro assays have been developed to assess the immunotoxicity of test agents in rodents. However, continued methods development, refinement and validation will be an ongoing requirement because of an expanding knowledge of the cell biology of the immune system.