

**[P-38]**

**Physiological Parameters in Cynomolgus Monkey**

Choong-Yong Kim, Su-Cheol Han, Jeong-Doo Heo, Yasuo Tarumoto, Hyun-Sook Lee,  
Chang-Su Ha, Myung-Sang Kwon\*, Moon-Koo Chung  
*Toxicology Division, Korea Institute of Toxicology, PO box 123, Yuseong, Daejeon 305-600*

The cynomolgus monkey (*Macaca fascicularis*) is used widely in efficacy and safety assessment of new drugs. The ranges of physiological variables are important end points in the toxicological study. Both the basic physiological variables such as body weight, body temperature, blood pressure, urine pH and blood variables such as biochemical and hematological variables were determined in nineteen male and sixteen female monkey prior to treatment. These data can be used as a valuable tool for the meaningful interpretation of toxicity data from toxicity studies of new drugs using cynomolgus monkey. In addition, it can be also used as a contribution to biological characterization of cynomolgus monkey.

**Keyword** : cynomolgus monkey, Physiological parameter, Blood