

## EFFECTS OF XENOBIOTICS ON MICE

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**Summary.** Effects of peroxisome proliferators clofibrate and DEHP on CBA male mice have been studied. The mice were treated intragastrically once per week during ten weeks giving low and high doses of clofibrate (25 and 75 mg/kg) and DEHP (125 and 500 mg/kg). The mice were well-developed and organ/somatic indexes of the liver and the testis were the same in all the groups tested.

Light and electron microscopical examination of the liver and the testis did not show any pathological changes in these organs. Enzyme assay investigation of peroxisomal enzymes showed a slight influence of peroxisome proliferators on the increase of the oxidation rate of fatty acids in the liver. Flow cytometric analyses of erythrocytes and morphological studies of blood smears have shown that erythro- and myelopoiesis were not affected by peroxisome proliferators.