

# **FUNGICIDE METHFUROXAN ADMINISTERED CHRONICALLY TO RATS DID NOT AFFECT SERUM THYROID HORMONE LEVELS**

K. Kita<sup>1</sup>, G. Jonderko<sup>2</sup>, E. J. Kucharz<sup>2</sup>, A. Kotulska<sup>2</sup>, T. Golab<sup>2</sup>, S. Kobes<sup>1</sup>, W. Krzewinski<sup>2</sup>, I. Kita<sup>1</sup>

<sup>1</sup> Institute of Organic Chemistry, Pszczyna Branch, Pszczyna, Poland

<sup>2</sup> Fourth Department of Internal Medicine, Silesian University School of Medicine, Tychy, Poland

## **SUMMARY**

Intoxication of adult rats with fungicide methfuroxan (2,4,5-trimethyl-N-phenyl 1,3-furancarboxamid, C<sub>14</sub>H<sub>15</sub>NO<sub>2</sub>) in a dose of 20 or 100 mg/kg of fodder for 24 months was shown to have no influence upon serum level of thyroid hormones.

*Key words:* fungicides, methfuroxan, thyroid hormones

Address for correspondence: E. J. Kucharz, Fourth Department of Internal Medicine, Silesian University School of Medicine,  
ul. Edukacji 102, PL 43-100 Tychy, Poland