



Effect of carbendazim on the testis and kidney of male Swiss albino mice

Tanmaya Lal • Sonali Kumari • Joyita Das
• Shahla Yasmin

Received : November 2011
Accepted : March 2012
Corresponding Author : Shahla Yasmin

Abstract : *An experiment was conducted to investigate the effect of carbendazim on the structure of testis and Kidney of Swiss albino mice, and also to detect the possible ameliorative effect of L-ascorbic acid on carbendazim toxicity. The study revealed significant changes in the weight of testes in the group of mice treated with carbendazim +ascorbic acid (dissected after two days) as compared to Carbendazim treated group (dissected after five days). Histopathological changes caused by carbendazim were also observed in both testis and kidney. However mice pre-treated with ascorbic acid showed improvement in both the organs.*

Keywords : *Carbendazim, Ascorbic acid, Testes, Kidneys.*

Tanmaya Lal

B.Sc. III year, Zoology (Hons.), Session: 2009-2012,
Patna Women's College, Patna University, Patna, Bihar,
India

Sonali Kumari

B.Sc. III year, Zoology (Hons.), Session: 2009-2012,
Patna Women's College, Patna University, Patna, Bihar,
India

Joyita Das

Assistant Professor, Dept. of Zoology,
Patna Women's College, Bailey Road, Patna-800 001,
Bihar, India

Shahla Yasmin

Head, Dept. of Zoology, Patna Women's College,
Bailey Road, Patna-800 001, Bihar, India
E-mail : shahla_apex@yahoo.co.in