October 10, 1971

IBT No. B7298
Monsanto

I have completed a histopathologic evaluation of an additional series of rat tissues from IBT B7298. The observations can be summarized as previously reported on September 29, 1971. There were liver lesions in all three compounds as previously described. In addition two animals had hepatomas, 445 and ex. 3 in the B III group. I believe that these lesions are related to the compound. They are a progression of the hyperplastic lesion observed in many of the animals. Many of the sev ere hyperplastic lesions were difficult to distinguish from hepatoma and another pathologist might label them hepatoma. The transition from hyperplasia in this series is a matter of degree rather than a precise morphologic differentiation. I chose to call those hepatoma which caused distinct compression of the normal parenchyma and were made up of large hypertrophic cells. In this series of animals there seems to be a progression of severity of liver lesions from degene.ative changes to hypertrophy to hyperplasia to hepatoma.

There were no other compound associated lesions. All of the others reported are lesions of spontaneous disease and they are not unusual for the rat.

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