

CASE NUMBER: 03F-25-A3.3-16

DATE: May 6, 2003

HISTOPATHOLOGY:

Slide 8, A3.3-16-1:

1). Adipose tissue: Peritonitis and steatitis, moderate, focal, granulomatous, with melanomacrophages, eosinophilic granular cells, and scattered clear vacuoles compatible with a vaccine induced peritonitis

There are no overt lesions within the spleen, liver, kidney, heart, peripheral nerves or peripheral vasculature.

Slide 9, A3.3-16-2:

There are no overt lesions within the spleen, liver, kidney, heart, peripheral nerves or peripheral vasculature.

Slide 10, A3.3-16-3:

1). Adipose tissue: Peritonitis, moderate, nodular to diffuse, granulomatous, with melanomacrophages and scattered clear vacuoles compatible with a vaccine induced peritonitis

There are no overt lesions within the small intestine, spleen, liver, kidney, heart, peripheral nerves or peripheral vasculature.

Slide 11, A3.3-16-4:

There are no overt lesions within the spleen, liver, kidney, heart, peripheral nerves or peripheral vasculature.

Slide 12, A3.3-16-5:

1). Adipose tissue: Peritonitis, moderate, nodular to diffuse, granulomatous, with melanomacrophages and scattered clear vacuoles compatible with a vaccine induced peritonitis

2). Liver, hepatocytes: Degeneration and necrosis, mild, multifocal, acute

There are no overt lesions within the small intestine, spleen, kidney, heart, peripheral nerves or peripheral vasculature.

Slide 13, A3.3-16-6:

There are no overt lesions within the small intestine, spleen, kidney, heart, peripheral nerves or peripheral vasculature

Slide 14, A3.3-16-7:

1). Liver, hepatocytes: Degeneration and necrosis, moderate, multifocal, acute

There are no overt lesions within the small intestine, spleen, adipose tissue, kidney, heart, peripheral nerves or peripheral vasculature.

Slide 15, A3.3-16-8:

There are no overt lesions within the gill, spleen, kidney, heart, peripheral nerves or peripheral vasculature

Slide 16, A3.3-16-9:

1). Heart, endocardia: Hyperplasia and hypertrophy, mild, diffuse, subacute (reactive endocardia)

There are no overt lesions within the gill, spleen, kidney, peripheral nerves or peripheral vasculature

Slide 17, A3.3-16-10:

There are no overt lesions within the gill, spleen, kidney, heart, peripheral nerves or peripheral vasculature

Slide 18, A3.3-16-11:

There are no overt lesions within the gill, spleen, kidney, heart, peripheral nerves or peripheral vasculature

COMMENTS:

Although only subtle alterations, the acute hepatocellular degeneration and necrosis, coupled with the reactive endocardia are suggestive of an antigenemia, possibly associated with the vaccine induced peritonitis or an intervening bacterial or viral infection. If fresh tissues are available and increased morbidity is noted within the stock, follow up molecular or culture studies may be considered. There is no histologic indication of hematopoietic necrosis within any of the examined sections.

FINAL REPORT