

University of Washington
Regional Primate Research Center

Accession # 10-107
Submission Date 18 Aug 10

DIAGNOSTIC LABORATORY NECROPSY REPORT

Requester Flanary Investigator Guroff Animal ID # A02006
Species Mm Requester's Phone _____

Date of Death 18 Aug 10 Date of Necropsy 18 Aug 10 Time 1030 Pathologist RM

Nutritional Condition: Adequate Marginal Poor Obese

Other Tests Required: Sero Micro Parasit Other _____

Other Diagnostic Samples _____

Type of report: Final _____ Preliminary 18 Aug 10 Amended _____

Clinical History:

This animal was assigned to the project "Vaccine comparison utilizing HIV/SIV env, gag and nef". The animal was vaccinated with a replicating adenoviral vector expressing HIV env and tat and SIV gag and nef, and boosted with the same in '04. The animal had additional 2 boosters of HIV tat and gp120, and SIV nef in adjuvant. The animal was challenged in '05 with IV SHIV 89.6p. The animal eventually developed >25% body weight loss and depletion of CD4+ lymphocytes.

Gross Description:

An almost 11 year old, approximately 7.6 kg, intact male with active reproductive tract, rhesus macaque is presented for necropsy in poor nutritional (scant adipose stores and fair to poor musculing) and good postmortem condition. There are no significant external lesions besides minor tartar deposition on the teeth and multifocal, mild alopecia.

The lungs have moderate, multifocal, dark black regions (likely pneumoconiosis). Otherwise, the integumentary, musculoskeletal, nervous, cardiovascular, respiratory, digestive, urogenital, endocrine and hemic-lymphatic systems are grossly unremarkable.

Gross Diagnosis(es):

1. Emaciation

Gross Comments:

The major finding is poor body condition, and considering the history and overall findings, deteriorating condition was likely due to SAIDS. Further interpretations pending histology.