



<http://vsc.stanford.edu/animaldiaglab>

Animal Diagnostic Lab

Quarterly Newsletter September 2015

This edition of the newsletter focuses on our cytology offerings. We offer a wide range of sample preparation techniques and cytopathologic evaluation including:

1. Sediment and cytocentrifuged smears: Fluid samples of essentially any type can be concentrated and smears stained with routine Wright-Giemsa or other stains, or alternately fixed for any ICC/IF staining needs. Common submissions include cell culture suspensions and suspensions of harvested bone marrow, spleen, lymph node or other animal cells.

2. Routine cytologic evaluation: Smears can be prepared either by the user or by our personnel for review. Please do not stain the smears before submission, and submit them within 7 days of preparation. Common submissions include body fluids, suspensions of lymphocytes and splenocytes, fine-needle aspirates of mass lesions, and swabs of external lesions (e.g. exudative skin lesions).

3. Special cytologic evaluation: Certain samples have specific cytologic evaluation parameters. Bone marrow is the most common example; a full bone marrow evaluation requires an accompanying CBC sample or recent CBC report. Add-on tests such as Prussian blue stains for iron are frequently used in bone marrow analysis.

Don't hesitate to contact us with specific requests and sample questions; we can accommodate a wide range of animal samples for clinical pathology testing.

New! The diagnostic lab submission sites in RAFI (room AF040) and CMP (room 139) now have an iPad outside for Skype communication with us. If you come to the room and no one is present, follow the instructions for the iPad to speak to one of us.

Dr. Jennifer Johns, Lab Director jjohns@stanford.edu office: (650) 721-6468

Roberta Moorhead, Lab Manager moorhead@stanford.edu office: (650) 723-3878