



ELECTRON MICROSCOPY QUESTIONNAIRE

TISSUE

- Was the animal perfused? _____
- Was the fixative provided by the histology lab? _____
- If self-made provide the recipe? _____
- What is the fixation time? _____
- Was the tissue washed or placed in buffer after fixation? _____
- What date was the tissue harvested? _____
- When was the fixation performed? _____
- What type of tissue (organ)? _____
- Is the tissue grossed to the correct size? _____
- Is the orientation of the tissue important? Specify _____
- What area would you like imaged? _____
- At what magnification? _____
- Is there a positive control? _____
- Is there a negative control? _____
- How many images do you require (n size)? _____

CELLS

- What type of cells? _____
- Mono layer or pelleted? _____
- Are the cells fixed or still in culture? _____
- Was the fixative provided by the histology lab? _____
- If self-made provide the recipe? _____
- What is the fixation time? _____
- Were the cells washed or placed in buffer after fixation? _____
- When were the cells harvested? _____
- When was the fixation performed? _____
- Is the orientation of the cells if monolayer important? Specify _____
- What area would you like imaged? _____
- At what magnification? _____
- Is there a positive control? _____
- Is there a negative control? _____
- How many images do you require (n size)? _____
- Is the cell population pure or mixed? _____

PARTICLES

- What type are the particles? _____
- Are the lab made or purchased? _____
- What type of solution are they in? _____
- What is the concentration? _____
- Can the particles be precipitated? _____
- Do you require multiple dilutions? _____
- Do they require staining? _____
- At what magnification? _____
- Is there a positive control? _____
- Is there a negative control? _____
- How many images do you require (n size)? _____



**University
of Manitoba** | **Rady Faculty of
Health Sciences**

HISTOLOGY LAB
ROOM 117 – PHONE 789-3508
UNIVERSITY OF MANITOBA
745 BANNATYNE AVENUE
WINNIPEG, MANITOBA
R3E 0J9

Samples will be processed and imaged as agreed upon by the client/supervisor. The histology lab assumes no responsibility if the images do not reflect the clients desired experimental outcome. Proper experimental planning, conditions and controls are the sole responsibility of the client. The client will pay the agreed upon cost regardless of experimental result. If the sample quality is poor (samples are old, improperly fixed, poorly preserved, poorly harvested/grossed) there is no guarantee by the histology lab to the final image quality. The histology lab holds the right to refuse the processing of a sample if the histology lab deems the sample unfit for the procedure. The costs for the EM procedures exclusively relates to the processing and imaging of the sample(s). The scientific interpretation of the EM results is not part of the processing and imaging fees and has to be arranged separately.

All pilots and trials are to be billed in full, no free testing is offered. Staff time and equipment must be accounted for.

Any images, data or results are for research purposes only and are not certified for patient use or diagnostics in any way.

All radioisotopes will be decayed to at least 10 half-lives and be delivered to the histology lab with no detectable levels present. Documentation of radioactivity is required upon sample delivery.

Supervisor/Signing authority _____