

Part 2. Mouse Postmortems. Methods, Analysis, Use. Training Your Staff

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Overview of the WEHI Program of Veterinary Care and Health Testing

This presentation focuses on the methodology of postmortem examinations and their role in the program of veterinary care, within the mouse colony at WEHI.

Key topics covered in this presentation include:

- **Role of Trained Staff in Postmortems:** It highlights how trained personnel can conduct postmortem examinations to reliably diagnose the cause of death or reasons for euthanasia in sick mice.
- **Cytology Analysis:** The presentation will detail how WEHI established cytology analysis and how this skill can be readily applied to improve welfare outcomes in their mouse colony. It will also discuss the setup, use, and positioning of cytology in relation to anatomical pathology and histopathology.
- **Pathology in Identifying Common Problems and Pathogen Entry:** The second part will focus on how pathology serves as a tool to identify common issues and potential entry points for unwanted pathogens into the mouse colony.
- **Prevention of Zoonoses and Reverse Zoonoses:** The talk will also cover the prevention of diseases transmissible between animals and humans (zoonoses) and from humans to animals (reverse zoonoses).
- **Staff Training for Postmortem Competency:** Methods for training staff to become proficient in postmortem examinations will be discussed, with a specific mention of integrating online training modules on learning management systems.