

### **Correction plan to prevent accident in future animal (cat) studies**

- All lab members conducting animal studies will review the relevant protocols and SOPs before *each* study/experiment to understand their own responsibility and all aspects of the experimental procedures relevant to the particular animal preparation related to the study;
- The responsible parties including animal technician and researcher(s) will check the relevant drugs/supplies/medications and equipment/devices before each study/experiment to ensure their availability and proper condition/function for the planned study;
- For all drugs or agents used in the study, their dosages will be pre-calculated and double checked according to the approved protocol, study design and the body weight of the animal, and confirmed by all personnel (at least two people) conducting the study. The correct concentration of the infusion solution and/or infusion pump setting will also be confirmed by the study personnel (at least two people);
- All lab members conducting animal studies will learn to recognize signs of abnormal animal physiology on the monitoring equipment and know how to make proper adjustment to bring the animal and its physiological parameters back to the normal range if it is out of the range; if the adjustment could not successfully reset/improve the animal condition, the planned experiment will be stopped immediately and the animal will be allowed for recovery; if needed we will seek RAR support.
- All lab members conducting animal work will meet regularly to plan experiments and discuss any issues or questions they might have, and review study results for further improvement in animal preparation and monitoring procedures.
- All lab members conducting animal studies will work together whenever needed to achieve the best anesthesia practice and maintain normal physiology condition of the animals, and always have a proper mindset to ensure the animal welfare.