Caption:   
High resolution live imaging of the organs of CAG::H2B-EGFP adult mice. Confocal images of freshly isolated organs from a 6 week old adult male hemizygous CAG::H2B-EGFP Tg/+ animal illustrate the widespread nuclear localized expression of the histone fusion. A transverse cut was made through each organ and the cut surface was placed closest to the objective lens and imaged. Cell tracker orange was used as a vital cytoplasmic counter stain. The panels show rendered confocal z-stacks imaged through 80 μm of the brain using a 20x plan-apo objective (a-c), 568 μm of the heart using a 5x fluar objective (d-f), 142 μm of a lung lobe using a 5x fluar objective (g-i) and 346 μm of a kidney using a 5x fluar objective low power view (j-l), and high power view (m-o). Insets in panels a and d show the region of the brain and heart imaged, respectively. High resolution images of the kidney (m-o) illustrate electronic magnification of the data shown in j-l. Bron, bronchus; glom, glomeruus; med, medulla; sept, septum; ub, ureteric bud; ven, ventricle. Areas of increased fluorescence in the red channel are an artefact due to saturated pixels in regions of the sample closest to the objective.

Question: What is the CAG::H2B-EGFP Tg/+ animal used for?   
   
A: Exploring a new therapy for cancer   
B: Studying the effects of a new drug on the organs   
C: Synthetic biology   
D: Visualization of histone fusion expression in organs

Answer: D