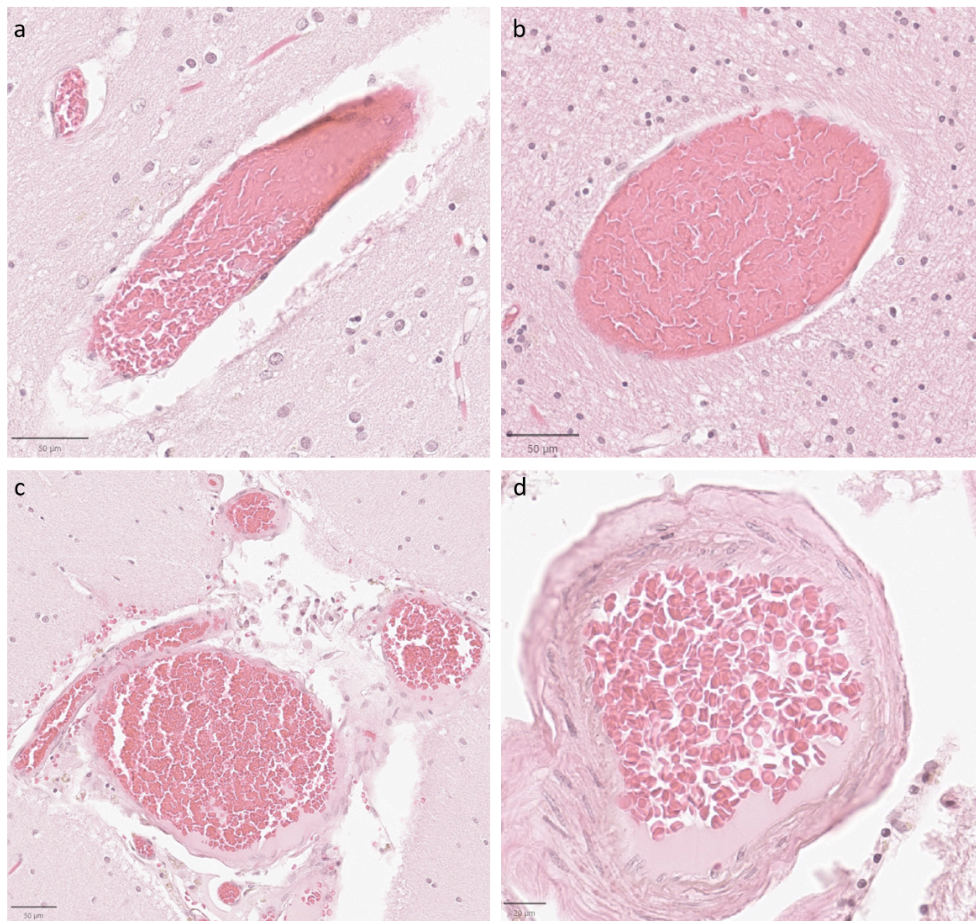




New Registered Clients This Month (Sign Ups and/or Memberships): 7

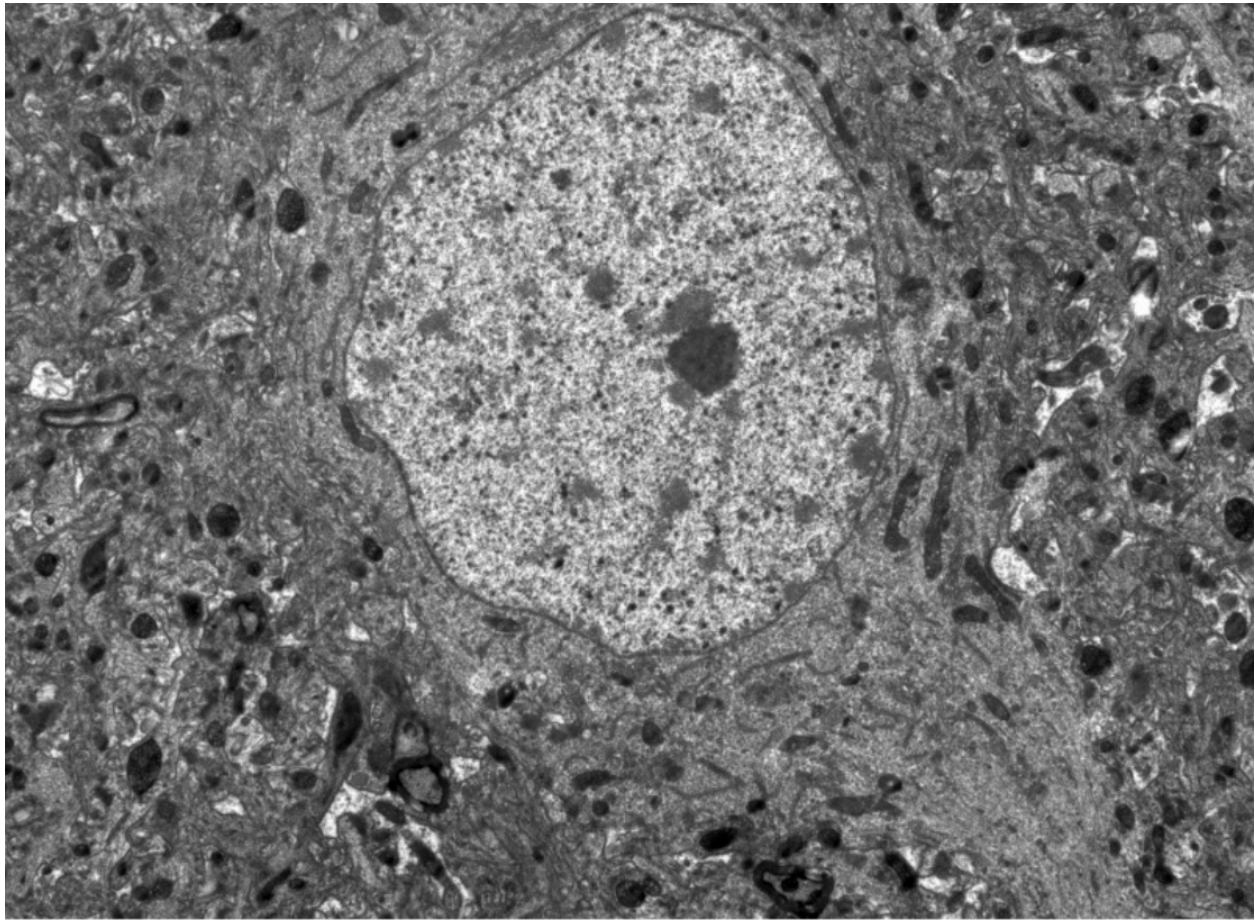
Week of March 30th

We practiced our brain preservation techniques on one donated dog and four body donors this week. For a paper that we are working on, we collected a set of H&E-stained images from an immersion-fixed human brain from one of our previous body donors. The whole slide images are publicly available. These images show aggregated red blood cells (rouleaux) that accumulate in blood vessels during ischemia and that need to be pushed out during the initial steps of mechanical perfusion.



Week of April 6th

We practiced our brain preservation techniques on one donated dog and four body donors this week. For a paper that we are working on, we evaluated the ultrastructure of a rat preserved via perfusion fixation with 20% neutral buffered formalin and 2% glutaraldehyde with no postmortem interval. Here, you can see a well preserved cell, including the nucleus.



Rat 9_2_1kx.tif

2 um

Week of April 13th

We practiced our brain preservation techniques on one body donor and one donated dog this week. Here is an image of part of a preserved spinal cord from a whole body donor, which we sometimes bank as well in order to investigate neuropathology that is present in the spinal cord:



Week of April 20th

We practiced our brain preservation techniques on one body donor and three donated dogs this week. We also organized a training session at our facility on Friday of this week, for several

members of Resurgence Biomedical Sciences. In part, we trained these professionals in how to perform aortic cannulation and perfusion (which they were already experienced in).