



TRICHROME IMAGING OF A MURINE HEART

BY CONOR BROWN

VALVE LOCATED WITHIN MOUSE'S HEART

- Collagen
- Muscle fibers

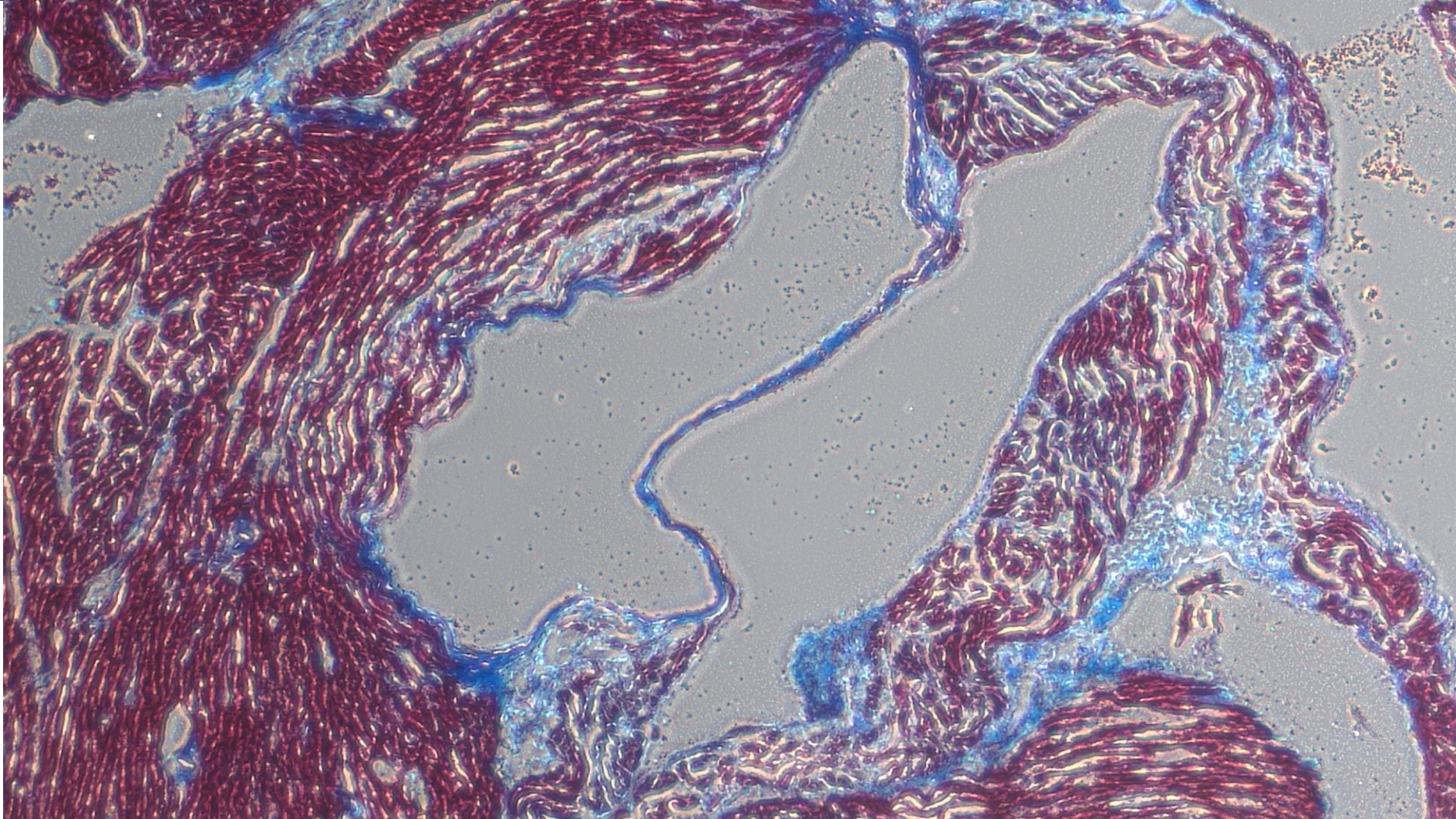
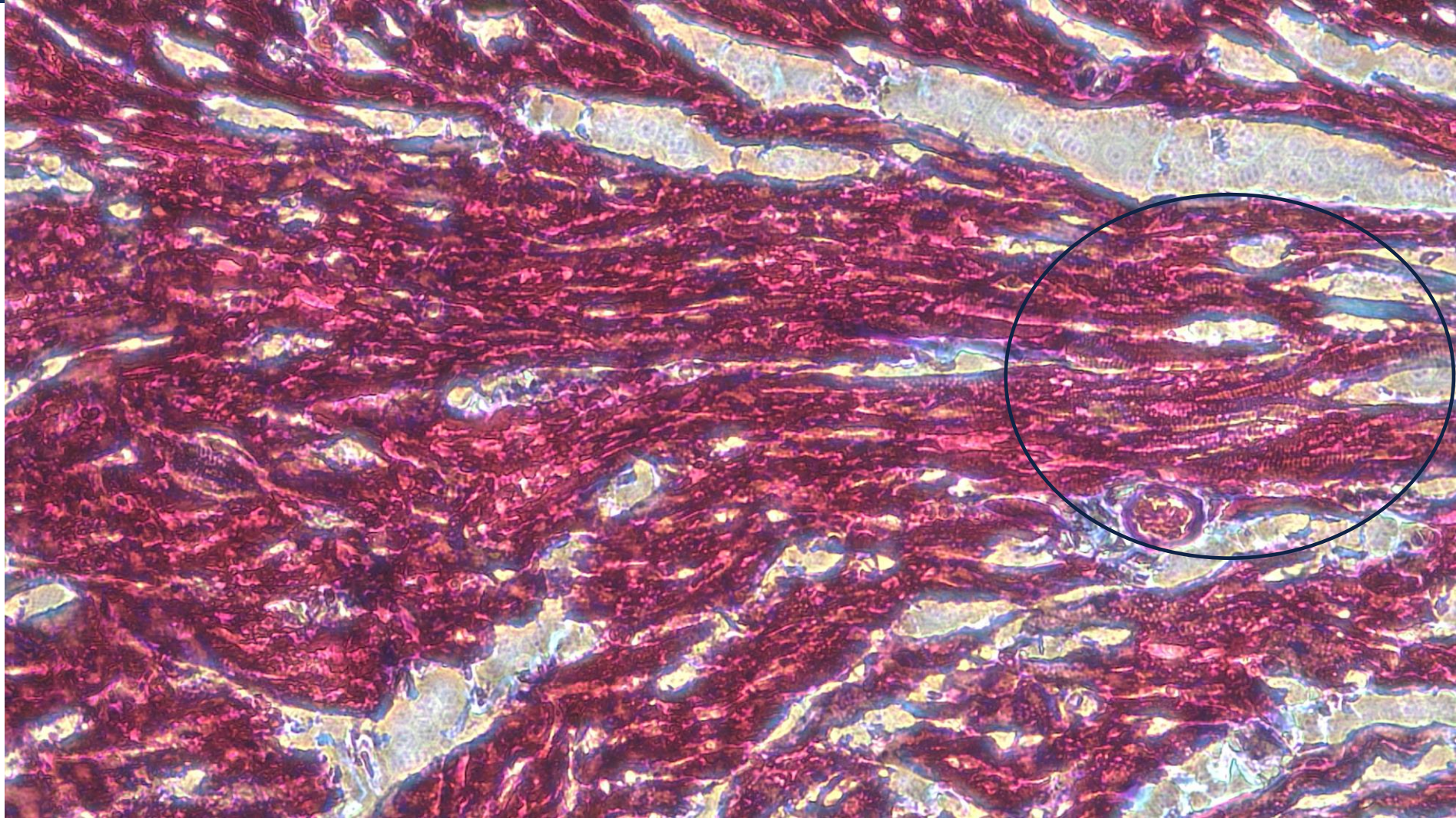
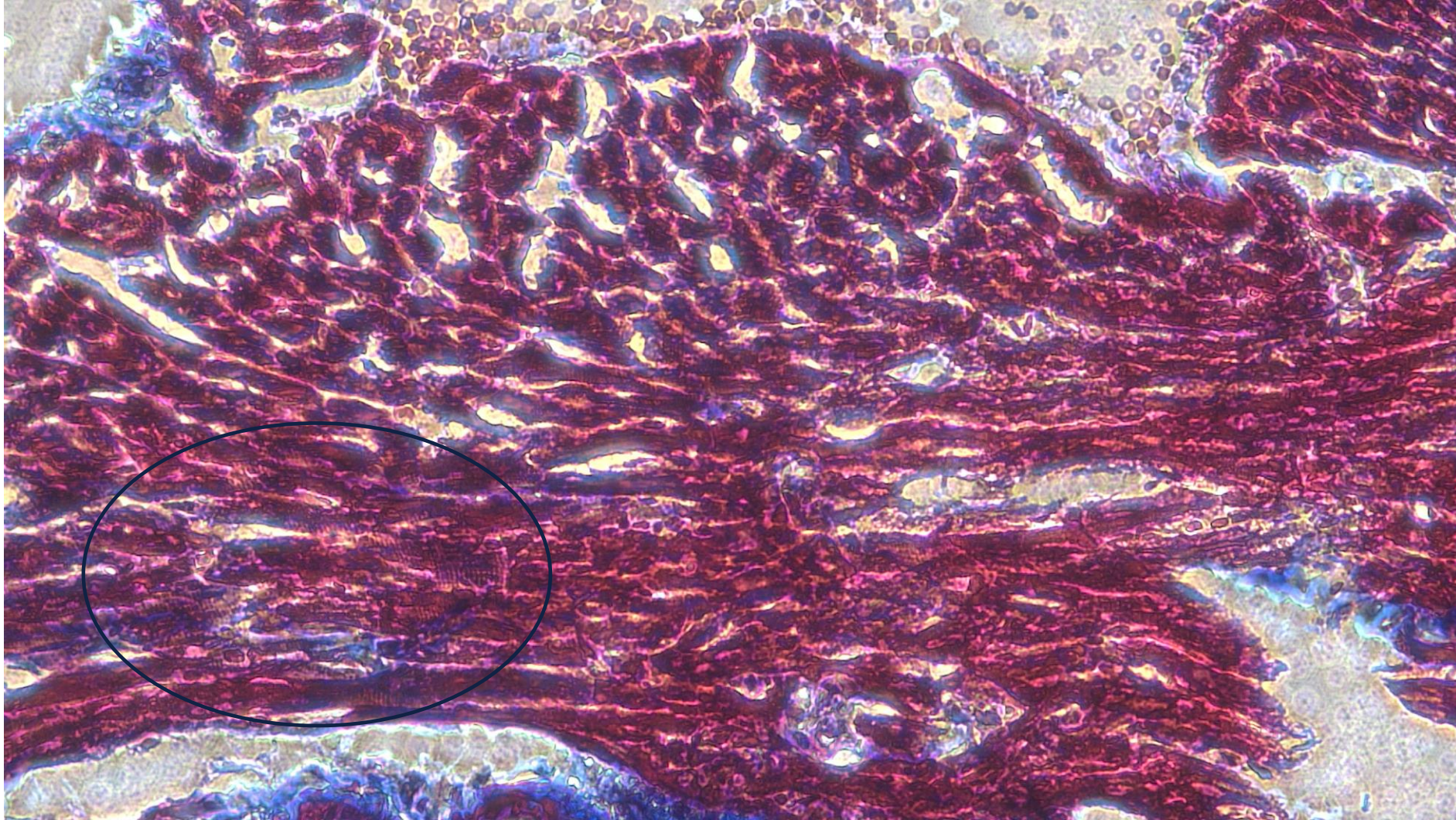


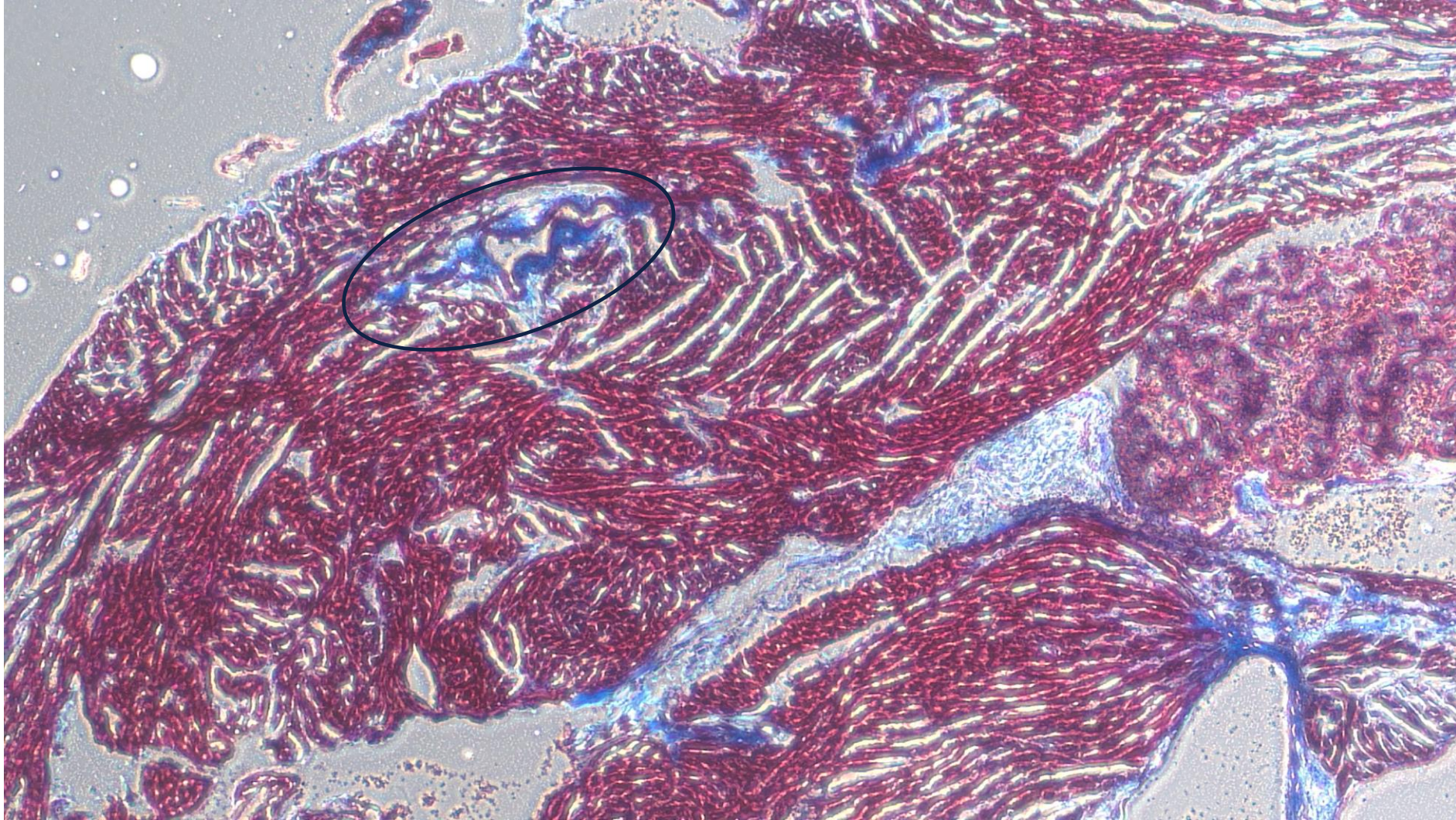
IMAGE OF MUSCLE FIBERS WITH CLEAR STRIATIONS



ANOTHER IMAGE OF MUSCLE FIBERS WITH STRIATIONS



COLLAGENOUS MASS SURROUNDED BY MUSCLE FIBERS



EXPERIENCE GAINED

- Able to clearly understand and perform a written procedure
- Practiced working with chemicals under a fume hood and carefully disposing of organic waste
- Practiced working with delicate tissue to ensure quality images
- Practiced working while staying conscientious of the amount of time that cells were being stained
- Made educated decisions about the length of time cells were stained
- Observed tissue under microscope and digital images being taken of them