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Human FFPE Liver Pathology Assessment -- University of Minnesota Human TMC

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Cellular Senescence Net...



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Protocol status: Working

We use this protocol and it's working

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Abstract

Purpose: Describe the parameters evaluated per FFPE human liver sample received/obtained for the University of Minnesota SenNet TMC. These parameters are used to evaluate whether the tissue can be characterized as "normal" vs "diseased" prior to further protocols.

Troubleshooting



- 1 Prepare two slides with serial sections of the FFPE liver sample -- 1 section per slide.
- 2 Section A -- Stain with H&E.
Section B -- Stain with trichrome.
- 3 Mount coverslip.
- 4 Schedule evaluation with pathologist (ideally with a strong liver background).
- 5 Request assessment and record of the following scores:
 1. Steatosis, macro %
 2. Steatosis, score (0, 1, 2, 3)
 3. Ballooning (0, 1, 2)
 4. Inflammation (0, 1, 2, 3)
 5. Fibrosis (0, 1a, 1b, 1c, 2, 3, 4)
 6. Any comments on preservation/quality of the sample
 7. Other/Additional identifications (e.g. the presence of NASH or other disease states)
- 6 Record these values and consider them prior to moving the sample forward for experimentation processing.
- 7 Inventory and archive H&E and trichrome stains at room temperature -- Can be scanned if future images are required.

Inventory and archive FFPE blocks at room temperature.