**Feulgen staining, whole mount** (Barell 2005, modified):

\*\*\*incubation times need to be optimized for your tissue (especially the HCl step)\*\*\*

- For handling tissue, cell strainer baskets (40 um, Supplier: BD 21008-949) work really well.

- For observing, you might have to use slides with a sample well so the tissue doesn’t get crushed by the weight of the coverslip

 1 M HCl for 3 hours (change solution every hour), on shaker table

 Wash in PBS (1x), on shaker table

 Schiff’s reagent, overnight (16 hours), 4 C

**-**-- Dehydration:

 10% EtOH, 10 min @ RT on shaker table

 30% EtOH, 10 min @ RT on shaker table

 50% EtOH, 10 min @ RT on shaker table

 70% EtOH, 10 min @ RT on shaker table (can hold overnight)

 85% EtOH, 10 min @ RT on shaker table

 95% EtOH, 10 min @ RT on shaker table

 100% EtOH, 10 min @ RT on shaker table

 100% EtOH, 10 min @ RT on shaker table

 1:1 Immersol 518f (zeiss):100% EtOH, 20 min @ RT (use just enough to cover samples)

 100% Immersol 518f (zeiss),2 min (use just enough to cover samples)