

We'll explore the H&E stain a little more by discussing the ways cell try to adapt to or die from injury

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7171462/> BIG LONG read. Scan through it. Mostly for your library

Click your way through these various presentations. They do a good job and I don't feel the need to duplicate the effort. One lecture is an update from their previous one. Just for comparison

[https://www.life.illinois.edu/mcb/458/private/lectures/ppt\\_pdf/Path\\_ggf\\_3\\_2020.pdf](https://www.life.illinois.edu/mcb/458/private/lectures/ppt_pdf/Path_ggf_3_2020.pdf)

[https://ksumsc.com/download\\_center/Archive/1st/441/1.Foundation%20Block/Female/Pathology/2-%20Pathology%20CELL%20INJURY%20L1%20Medical%20Sept%202020.pdf](https://ksumsc.com/download_center/Archive/1st/441/1.Foundation%20Block/Female/Pathology/2-%20Pathology%20CELL%20INJURY%20L1%20Medical%20Sept%202020.pdf)

[https://www.life.illinois.edu/mcb/458/private/lectures/ppt\\_pdf/Path\\_ggf\\_2\\_2017.pdf](https://www.life.illinois.edu/mcb/458/private/lectures/ppt_pdf/Path_ggf_2_2017.pdf)

<https://journals.sagepub.com/doi/pdf/10.1177/0192623315625859>

Peruse these websites following your interests. I will pluck things from these for my show-and tell

[https://medpics.ucsd.edu/index.cfm?curpage=image\\_directory&course=path&mode=browse&lesson=5](https://medpics.ucsd.edu/index.cfm?curpage=image_directory&course=path&mode=browse&lesson=5)

<https://www.brown.edu/academics/biomed/departments/pathology/residency/digital-pathology-library/cardiovascular/myocardial-infarction>

<https://webpath.med.utah.edu/>

We'll pause for a little discussion on making observations, noticing things.

denaturation Tofu and calcium, milk and vinegar, eggs and heat

why 70% etoh better than 95% for disinfection

why 91% isopropyl

obturator bands

5 cardinal signs inflammation

capture myopathy/ takatsubo syndrome

injury and 24 hours

plug and feather

Then if time, start the chemistry of hair.