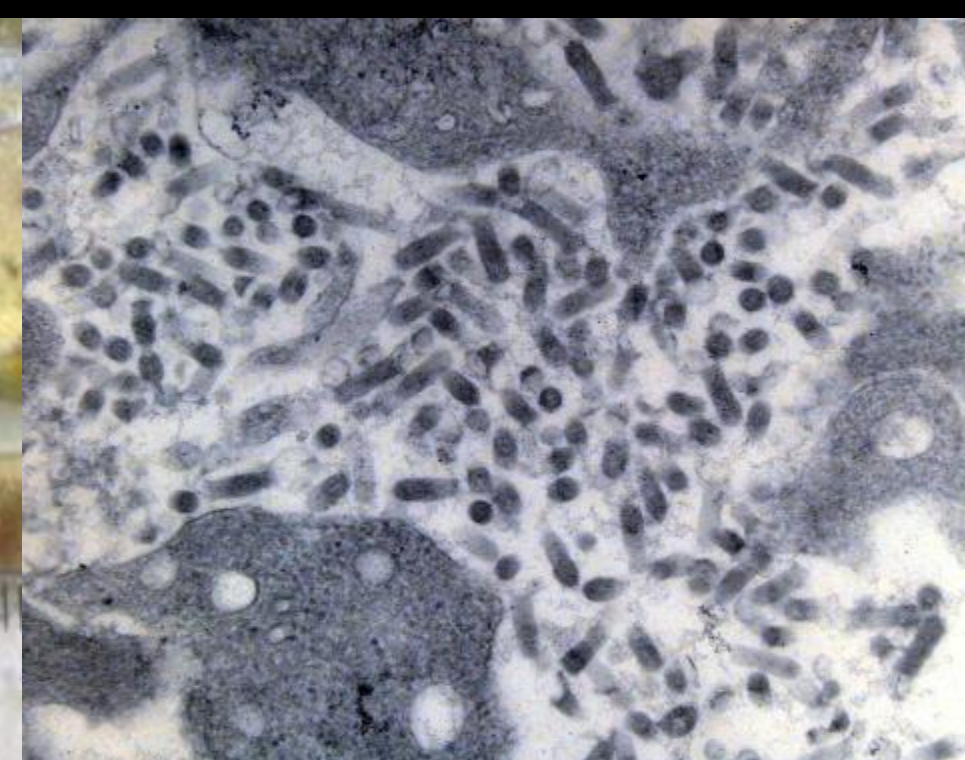
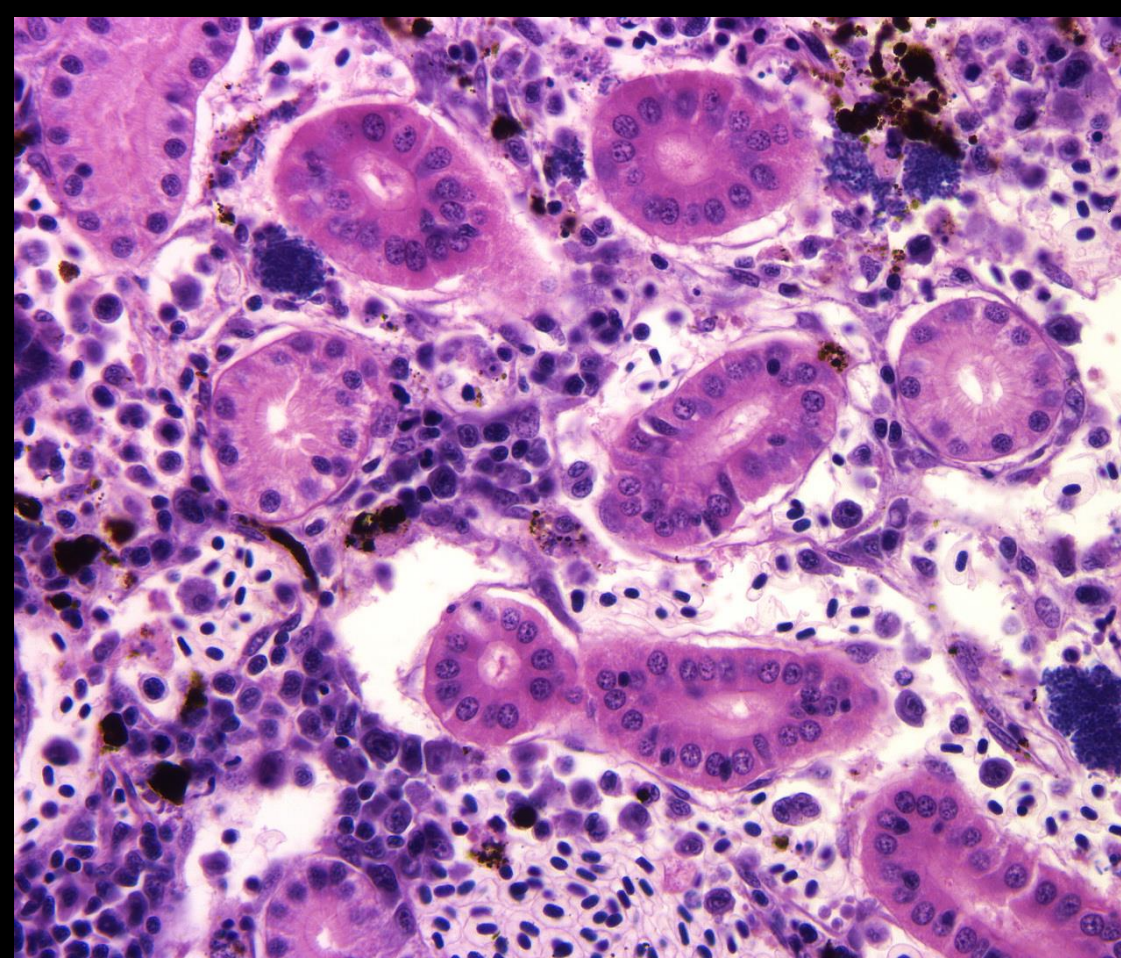


# Engineering Disease Resistance



Common pathogens, such as the bacterium *Aeromonas salmonicida* and IHN virus cause economic losses in salmonid aquaculture. Resistance to these disease agents can be promoted through selective breeding and genetic engineering.



In a long-running project at the AAHL, Dr Thomas Chen and Professor Chun-Mean Lin (U. Connecticut) successfully demonstrated that several families of transgenic rainbow trout, which harbor the anti-microbial peptide cercropin P1 gene, are highly pathogen resistant.