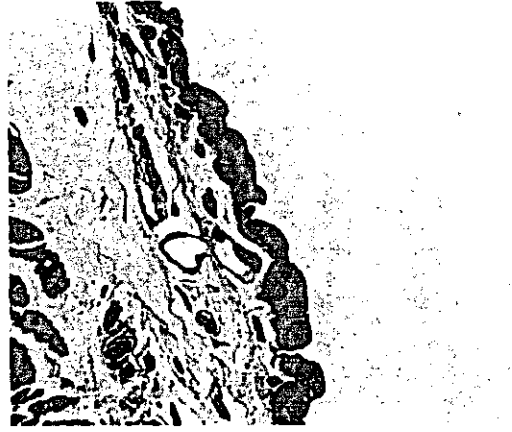
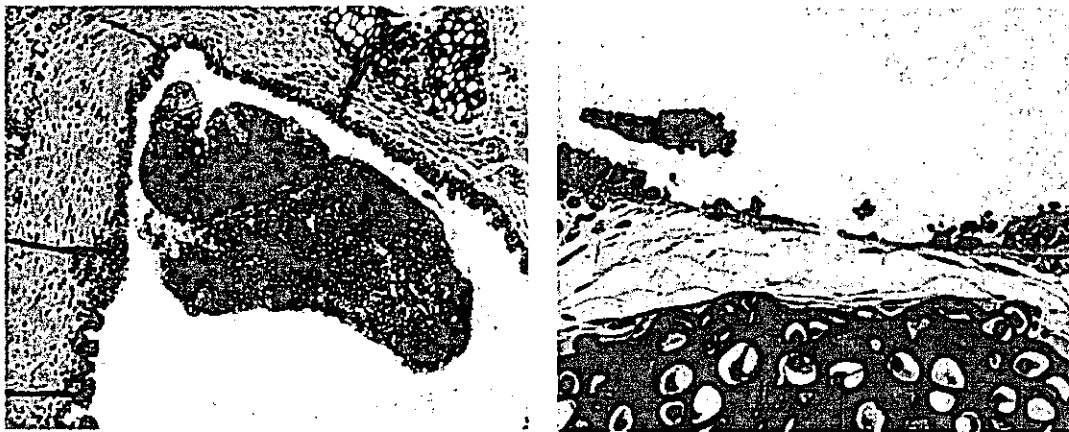


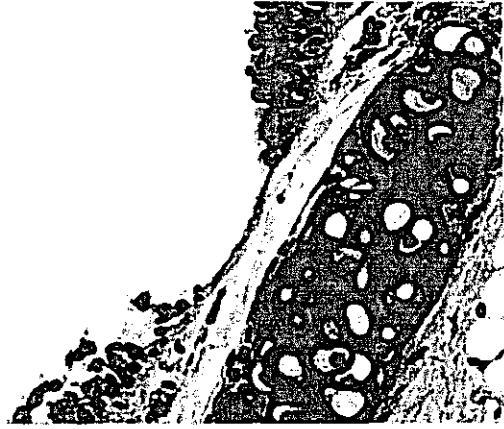
**Figure IV-6 Trachea**  
**Slight and Moderately degeneration**  
***Aldh2* -/-, 50ppm acetaldehyde exposure case**



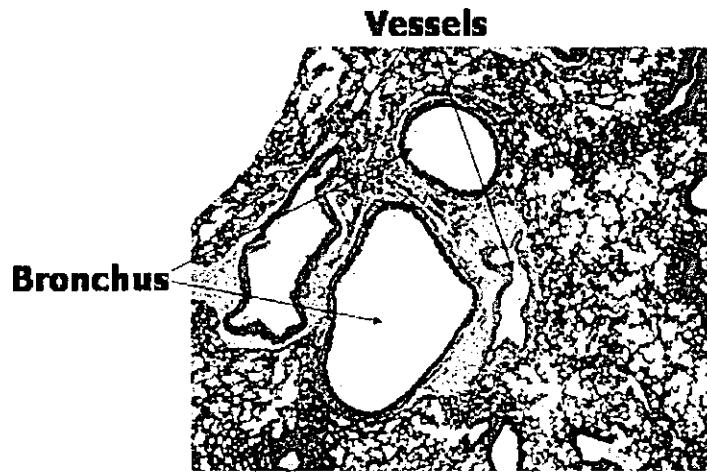
**Figure V-1 Tracheal cavity**  
**Hemorrhage and erosion**  
***Aldh2* +/+ , 500ppm acetaldehyde exposure case**



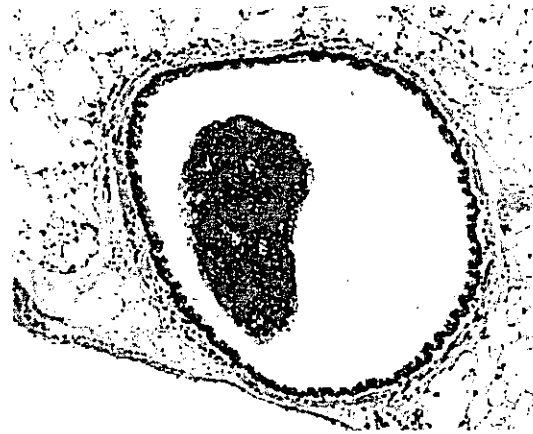
**Figure V-2 Tracheal cavity**  
**Hemorrhage and erosion**  
***Akh2* <sup>-/-</sup>, control**



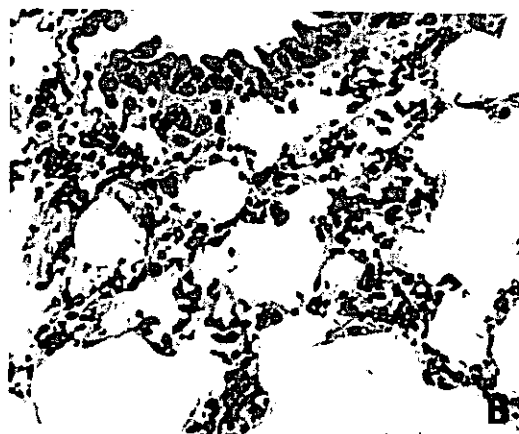
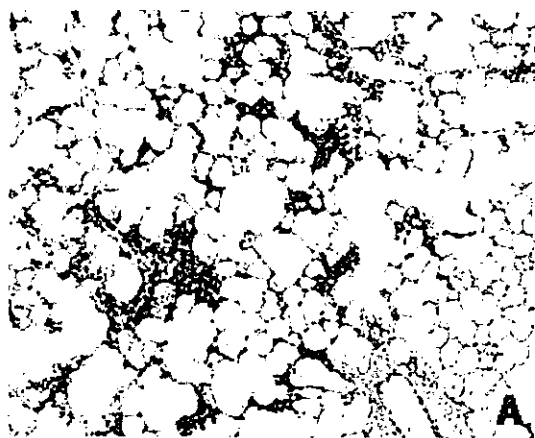
**Figure VI-1 Lung**  
***Akh2 +/+*, control**



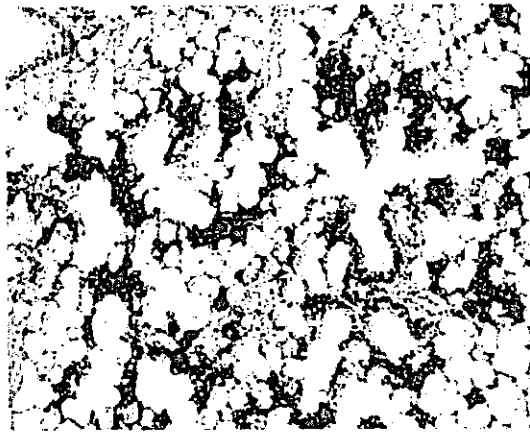
**Figure VI-2 Lung**  
**Bronchial hemorrhage**  
***Aldh2* +/+, control**



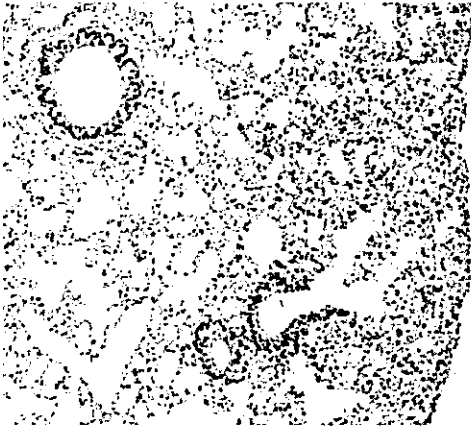
**Figure VI-3 Lung**  
**Alveolar hemorrhage**  
***Aldh2 +/+*, control**



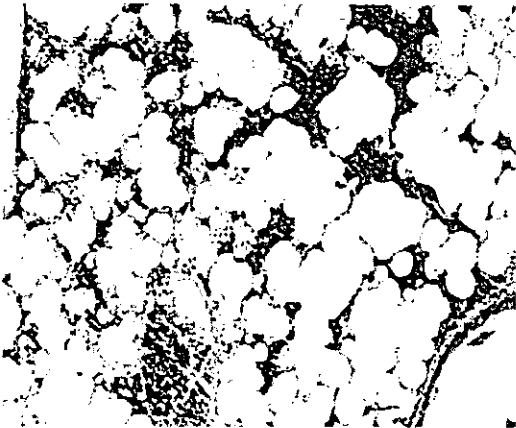
**Figure VI-4 Lung**  
**Alveolar hemorrhage**  
***Akh2 +/+*, 500ppm acetaldehyde exposure case**



**Figure VI-5 Lung**  
**Alveolar hemorrhage**  
***Aldh2* -/-, 125 and 500ppm acetaldehyde exposure case**



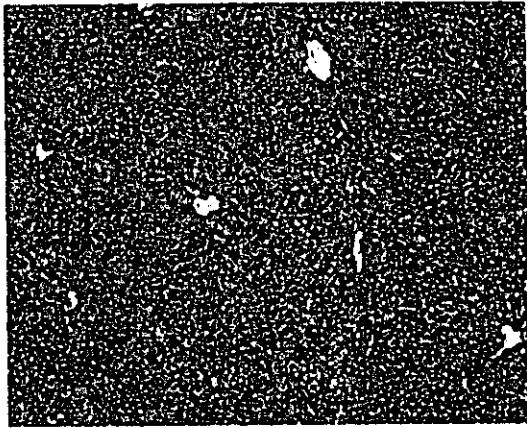
**125ppm exposure case**



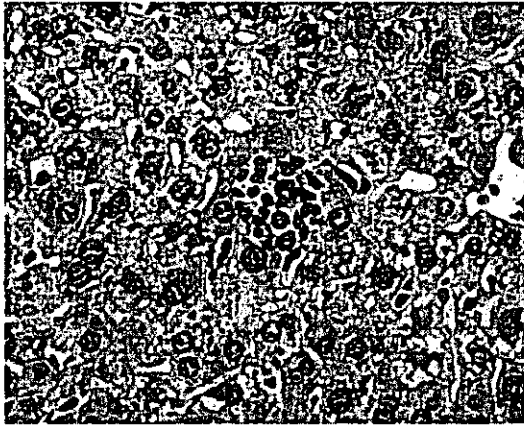
**500ppm exposure case**



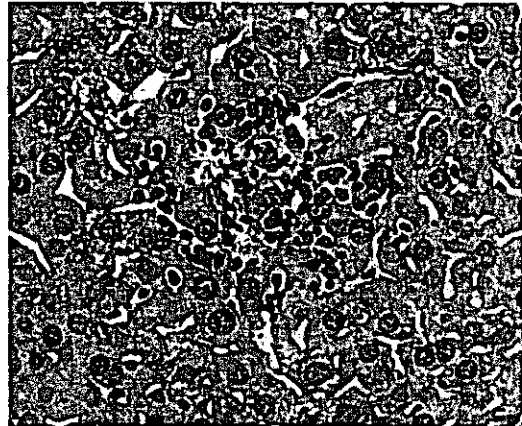
**Figure VII-1 Liver**  
***Aldh2* +/+ , control**



**Figure VII-2 Liver  
Inflammatory cell nest  
*Akh2 +/+* and *Akh2 -/-*, control**



***Akh2 +/+*, control**

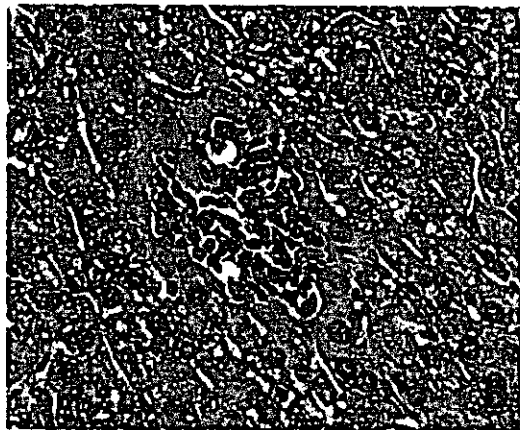
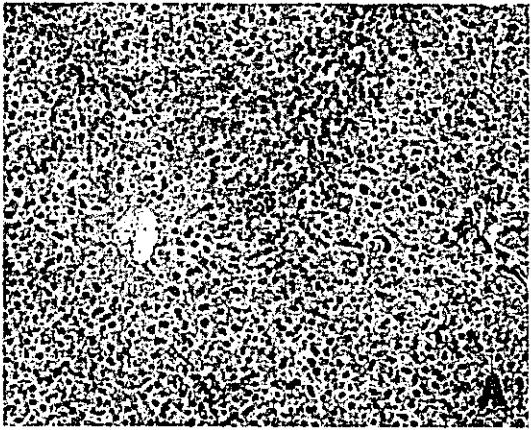


***Akh2 -/-*, control**

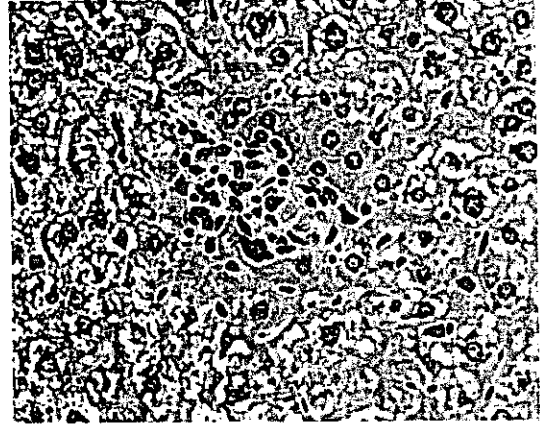
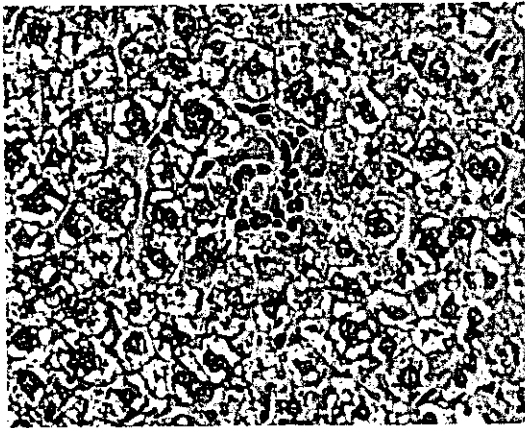
**Figure VII-3 Liver**  
**Inflammatory cell nest**  
***Aldh2* +/+ , 125ppm acetaldehyde exposure case**



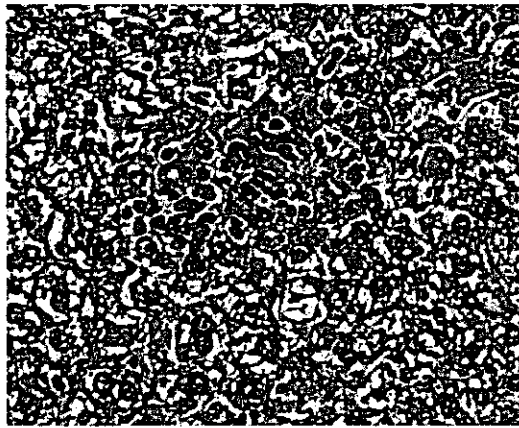
**Figure VII-4 Liver**  
**Inflammatory cell nest with necrosis**  
***Aldh2 +/+*, 500ppm acetaldehyde exposure case**



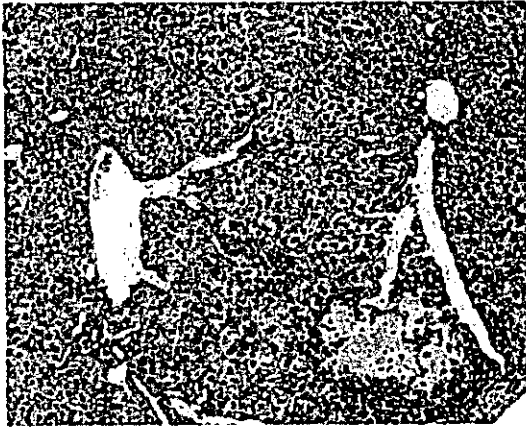
**Figure VII-5 Liver**  
**Inflammatory cell nest with necrosis**  
***Aldh2* -/-, 125ppm acetaldehyde exposure case**



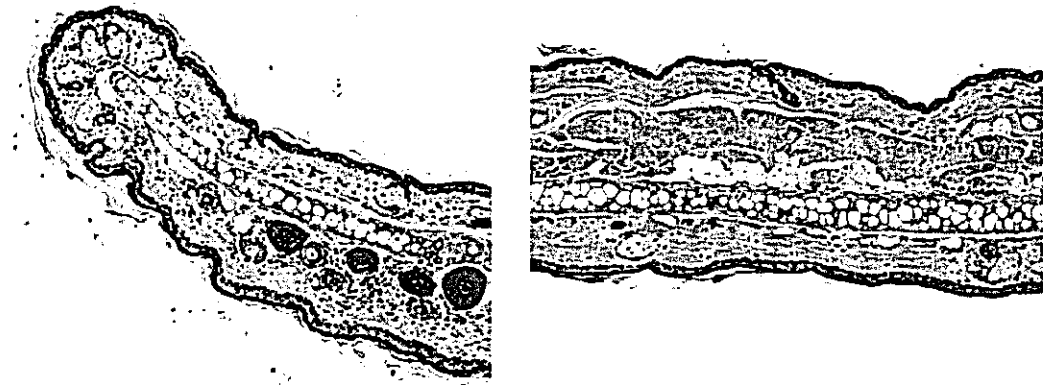
**Figure VII-6 Liver**  
**Inflammatory cell nest with necrosis**  
***Aldh2* <sup>-/-</sup>, 500ppm acetaldehyde exposure case**



**Figure VII-7 Liver**  
**Focal necrosis**  
***Aldh2*<sup>-/-</sup>, 500ppm acetaldehyde exposure case**

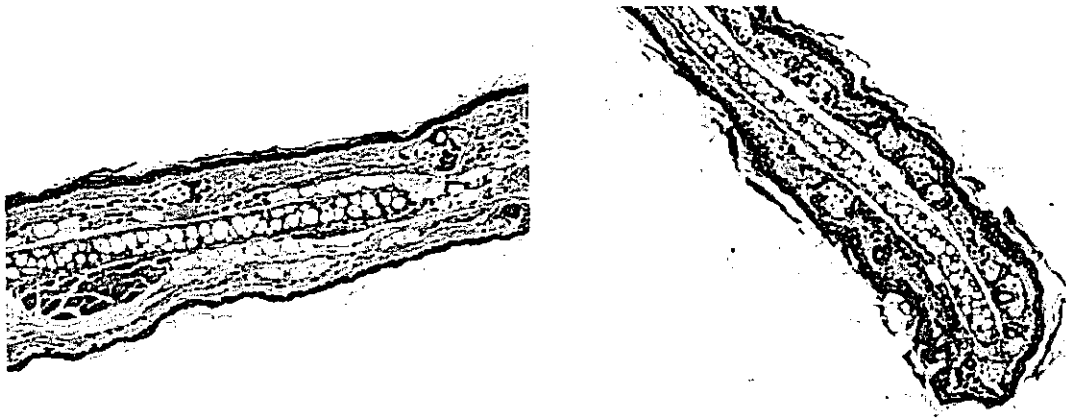


**Figure VIII-1 Auricle**  
***Akh2 +/+*, control**





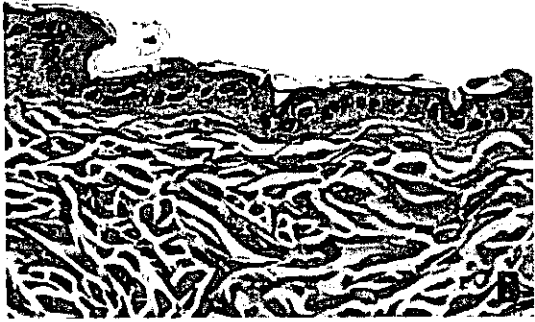
**Figure VIII-2 Auricle**  
**Hyperkeratinization with desquamation**  
***Aldh2 +/+*, 500ppm acetaldehyde exposure case**



**Figure VIII-3 Auricle**  
**Hyperkeratinization with desquamation**  
***Akh2* -/-, 500ppm acetalehyde exposure case**



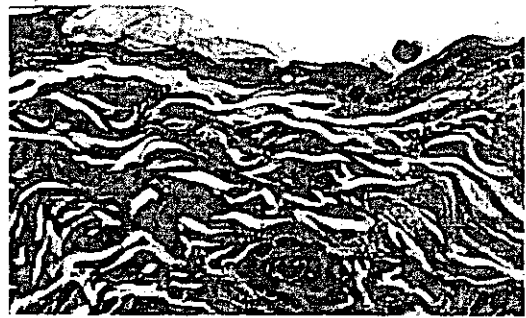
**Figure IX-1 Dorsal skin**  
***Aldh2 +/+*, control**



**Figure IX-2 Dorsal skin**  
**Slightly and Moderately degeneration**  
***Aldh2* <sup>-/-</sup>, 500ppm acetaldehyde exposure case**



**Slightly degeneration**



**Moderately degeneration**