

## C O N T E N T S

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The following abbreviations, colours and staining intensities were used in the text and tables; in the present thesis.

Abbreviations :

- |              |                                      |
|--------------|--------------------------------------|
| 1. H-E       | - Hematoxylin-Eosin                  |
| 2. M-T       | - Mallory's Triple                   |
| 3. PAS       | - Periodic acid-Schiff.              |
| 4. Ph-PAS    | - Phenylhydrazine-PAS                |
| 5. AB        | - Alcian blue B                      |
| 6. C.I.      | - Colloidal Iron                     |
| 7. AF        | - Aldehyde Fuchsin                   |
| 8. CEC       | - Critical Electrolyte Concentration |
| 9. M-37°C    | - Mild Methylation                   |
| 10. M-37°C-S | - Mild Methylation-Saponification    |
| 11. M-60°C   | - Active Methylation                 |
| 12. M-60°C-S | - Active Methylation-Saponification  |
| 13. T.S.     | - Transverse section                 |
| 14. N        | - Nuclei                             |
| 15. C        | - Cytoplasm                          |

Colours :

- |       |                                      |
|-------|--------------------------------------|
| 1. P  | - Pink or Magenta or Purple          |
| 2. B  | - Blue or greenish-blue              |
| 3. PB | - Purple-blue                        |
| 4. BP | - Bluish-purple                      |
| 5. O  | - Orthochromatic blue                |
| 6. M  | - Metachromatic purple, pink or red. |

Staining Intensities :

- |         |                     |
|---------|---------------------|
| 1. ++++ | - Intense           |
| 2. +++  | - Moderate          |
| 3. ++   | - Weak              |
| 4. +    | - Poor              |
| 5. ±    | - Trace             |
| 6. -    | - Negative reaction |