# Cytomorphological Features Of Mesothelial Cells In Serous Effusions

"A Retrospective Statistical Study"

Thesis submitted in partial fulfillment of M.Sc. Degree in Pathology

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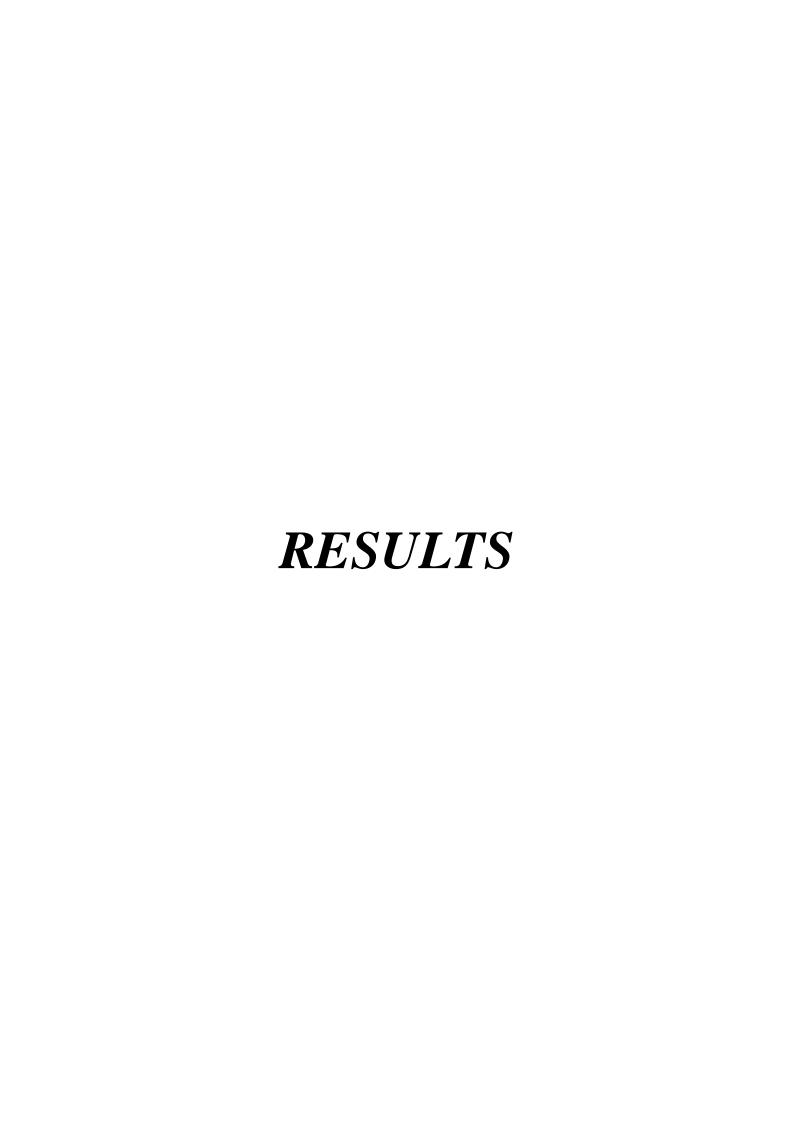
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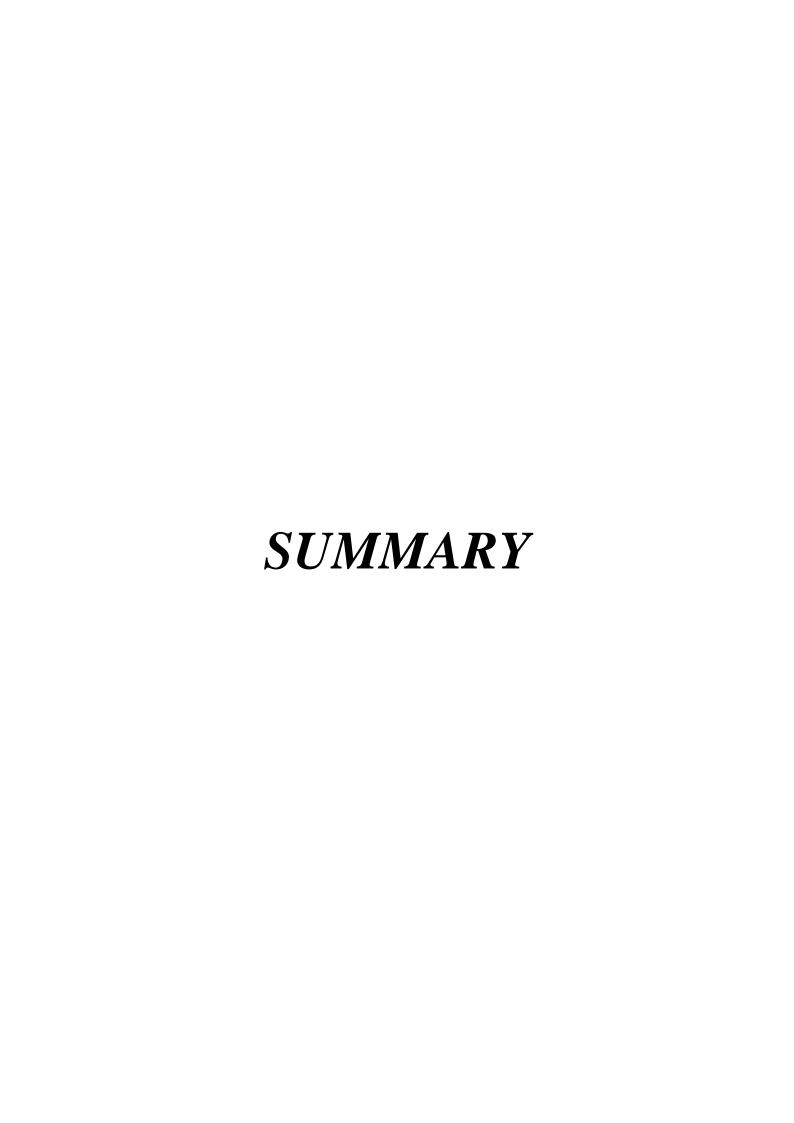
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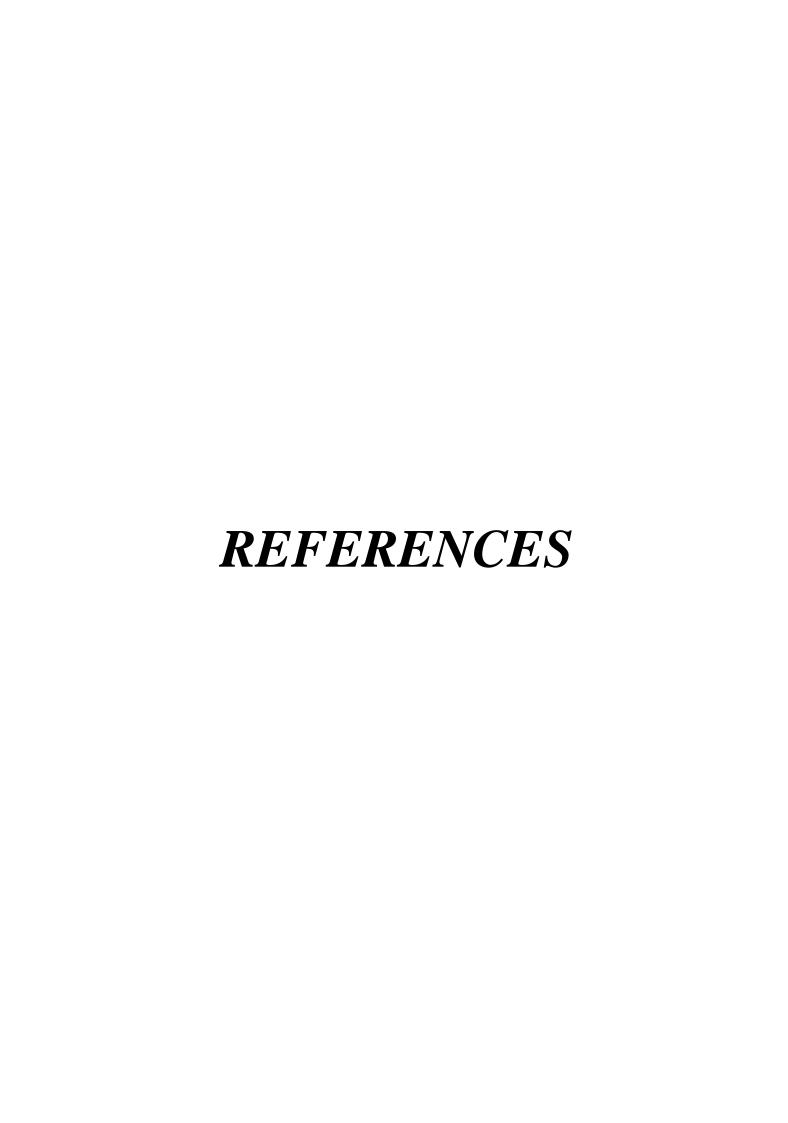
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# **List of Abbreviations**

- **ACA:** Adenocarcinoma
- **AgNORs:** Argyrophilic nucleolar organizer regions
- AIDS: Acquired immunodeficiency syndrome
- **B**YY, **7**: Cell membrane associated antigen
- Ber-EP<sup>‡</sup>:anti-human epithelial antigen
- **BMM:** biphasic malignant mesothelioma
- CAL: Calretinin
- **COPD:** Chronic obstructive pulmonary disease
- **Del:** deletion
- **DES:** Desmin
- **E-cad:** E-cadherin
- **EM:** Electron microscopy
- EMA: Epithelial membrane antigen
- **EMM:** Epithelial malignant mesothelioma
- **FISH:** Fluorescence in situ hybridization
- **GIT:** Gastrointestinal tract
- **HBME-**\': Anti-human mesothelial cell
- **HCC:** Hepatocellular carcinoma
- **H&E**: Haematoxylin and eosin
- **HFL:** Hepatic focal lesion
- **ICC:** immunocytochemistry
- **IHC:** Immunohistochemistery
- **IHD**: Ischemic heart disease
- LC: Liver cirrhosis
- **LDH:** Lactate dehydrogenase
- **LE:** Lupus erythematosus
- LeuM-1: Myelomonocytic antigen
- **MM:** Malignant mesothelioma
- MOC- \* \: epithelial specific antigen
- **MPM:** Malignant pleural mesothelioma
- N/C: Nuclear/cytoplasmic ratio
- NCI: National Cancer Institute
- **P**<sup>\*</sup> ': Radioactive Phosphorous
- **Pap:** Papanicolaou stain

- PAS: Periodic acid-Schiff reagent
- PASD: Periodic acid-Schiff with diastase
- **PCR:** polymerase chain reaction
- **PEL:** Primary effusion lymphoma
- **PID:** Pelvic inflammatory disease
- **RAMC:** Reactive mesothelial cells with nuclear atypia
- **RBC:** Red blood cell
- **RBCs:** Red blood cells
- **RER:** Rough endoplasmic reticulum
- **RHD:** Rheumatic heart disease
- **RM:** Reactive mesothelium
- **SBP:** spontaneous bacterial peritonitis
- **SBT:** Serous borderline tumor
- SCA: Serous carcinoma
- SV: Siman virus :
- **SLE:** Systemic lupus erythematosus
- **T.B:** Tuberculosis
- TCC: Transitional cell carcinoma
- VEGF: Vascular endothelial growth factor
- **VIM:** Vimentin
- WT': Wilms tumor protein

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