### Matrix Metalloproteinases As A Tumour Marker in Cancer Patients

Essay

Submitted for the partial fulfillment of The Master Degree Of Clinical And Chemical Pathology

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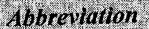
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## List of abbreviations



Full name

AFP: Alpha fetoprotein .

AP-1 binding site: Activator protein -1 binding site.

APMA: AminophM enylmercuric acetate.

**bFGf:** Basic fibroblast growth factor.

BM: Basement membrane.

CA: Cancer antigen.

CEA: Carcinoembryonic antigen

CL: Collagenase.

CT: Chymotrypsin.

Cystine .

**1.25di(OH) D**<sub>3</sub>: 1.25 dihydroxy vitamin D<sub>3</sub>.

ECM: Extracellular matrix.

EDTA: Ethylene diaminetetraacetic acid.

EGF: Epidermal growth factor.

FIB- CL: Fibroblast collagenase.

GAGs: Glycosaminoglycans.

GCR: Glucocorticoid receptor.

GL: Gelatinase.

GSSG: Oxidized glutathione.

IFN  $\gamma$ : Interferon  $\gamma$ 

IL-1B: Interleukin – IB.

MME: Macrophage metalloelastase.

MMPs: Matrix metalloproteinases.

Mr: Molecular mass.

n.d.: Not determind

NE: Neutrophil elastase.

NGF: Nerve growth factor.

**PAP:** Prostatic acid phosphatase.

**PDGF:** Platelet derived growth factor.

PG core protein Proteoglycan core protein.

PKK: Plasma kallikrein.

Pln Plasmin.

PMN-CI: Neutrophil – collagenase

**PSA:** Prostate specific antigen.

PTH: Parathyroid hormone.

**PUMP:** Putative metalloprateinases.

SDS: Sodium dodecyle sulfate.

SLS: Stromelysin.

TGA: Transforming growth factor.

TNF: Tumour necrosis factor.

**TPA:** 12-O – Tetradecanoyl- phorbol-13-ace.