THE PROGNOSTIC SIGNIFICANCE OF SOME BIOLOGICAL MARKERS IN MESOTHELIOMA PATIENTS

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By

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CONTENTS

LIST OF ABBREVIATIONS

ADCC---------- Antibody dependent cellular cytotoxic

ALS ---------- Acid-labile subunit

APC ---------- Antigen-presenting cells

BCG---------- Bacillus calmette-guerin

CDDP---------- Cisdiamminedichloroplatinum

CDK---------- Cyclin-depenent kinase

CEA ---------- Carcinoembryonic antigen

dFdCDP ---------- Difluorodeoxycytidine diphosphate

dFdCTP---------- Difluorodeoxycytidine triphosphate

DLN---------- Draining lymph node

EGF ---------- Epidermal growth factor

EGFR ---------- Epidermal growth factor receptor

EMA ---------- Epithelial membrane antigen

EPP ---------- Extrapleural pneumonectomy

FACS ---------- Fluorescence activated cell sorting

FGF ---------- Fibroblast growth factor

flt-1---------- fms-like tyrosine kinase

GM-CSF---------- Granulocyte-macrophage colony-stimulating factor

IFN-α ---------- Interferon-alpha

IFN-γ---------- Interferon gamma

IGFBPs ---------- Insulin growth factor -binding proteins

IGF-I ---------- Insulin like- growth factor-I
IGF-IR ---------- Insulin like-growth factor-I receptor
IGF-IIR ---------- Insulin like- growth factor-II receptor
IL-2---------- Interleukin-2
IR ---------- Insulin receptor
IRS ---------- Insulin receptor substrate
Kb ---------- kilobase
KDR---------- Kinase domain receptor
LAK---------- Lymphokine-activated killer
LDH ---------- Lactate dehydrogenase
M6P ---------- Mannose-6-phosphate
MAPK ---------- Mitogen-activated protein kinase
MCCs---------- Mesothelial cell cultures
MDA ---------- Malondialdehyde
MDM2 ---------- Mouse double –minute 2
MHC ---------- Major histocompatability complex
MM---------- Malignant mesothelioma
MPM ---------- Malignant pleural mesothelioma
MTX ---------- Antifolate methotrexate
NF2---------- Neurofibromatosis type 2 gene
NK---------- Natural killer
NMR ---------- Nuclear magnetic resonance
P/D ---------- Pleurectomy and decortication
PAS ---------- Periodic acid-Schiff stain
PCNA ---------- Proliferating cellular nuclear antigen
PCR ---------- Polymerase chain reaction

PDGF ---------- Platelet-derived growth factor
PI3-kinase ---------- Phosphatidyl inositol 3-kinase
PLGF---------- Placenta growth factor
pRb ---------- Phosphoprotein of retinoblastoma
RNA---------- Ribonucleic acid
RTK ---------- Receptor tyrosine-kinase
RT-PCR ---------- Reverse transcriptase-PCR.
SMRP ---------- Serum mesothelin-related protein
SV 40 ---------- Simian virus-40
TERT ---------- Telomerase reverse transcriptase
TGF-α/ β---------- Transforming growth factor-alfa/ beta
TH1 ---------- T-cell-helper 1
TNF-α---------- Tumor necrosis factor alpha
TRAP ---------- Telomeric repeat amplification protocol
VEGF ---------- Vascular endothelial growth factor
WT1 ---------- Wilm's tumor gene
β-FGF ---------- Beta- Fibroblast growth factor

LIST OF FIGURES