شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%

بعض الوثائـــــــق الاصليـــــة تالفـــة

بالرسالة صفحات لم ترد بالاصل

Molecular Detection of mRNA-urokinase Plasminogen Activator By In situ hybridization in Bladder Carcinoma.

Thesis

Submitted for partial fulfillment of MD *Degree in Pathology*

By

Mohamed Ahmed Abd El –Megeed El- Tahmodi

M.B; B.CH - MSC

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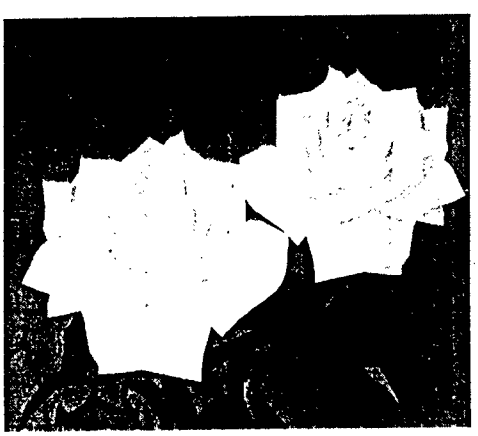

Contents

Abbreviations

uPA	Urokinase Plasminogen Activator
uPAR	Urokinase Plasminogen Activator Receptors
mRNA	Messenger Ribonucleic acid
ISH	In Situ Hybridization
TSP-1	Thrombospondin-1
pRb	Protein product of the Rb gene
EGF	Epidermal Growth Factor
MMP-9	Matrix Metalloprotienase-9
HPV	Human Papilloma Virus
ISUP	International Society of Urological Pathology
TCC	Transitional Cell Carcinoma
SCC	Squamous Cell Carcinoma
LMP	Low Malignant Potential
HCG	Human Chorionic Gonadotrophin
VEGF	Vascular Endothelial Growth Factor
AJCC	American Joint Commission on Cancer
TIL	Tumor-infiltrating Lymphocytes
EMA	Epithelial Membrane Antigen
TGF-β	Transforming Growth Factor-β
ATF	Amino terminal fragment
WHO	World Health Organization
NCI	National Cancer Institute
AI	Apoptotic Index