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شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكرو فيلم

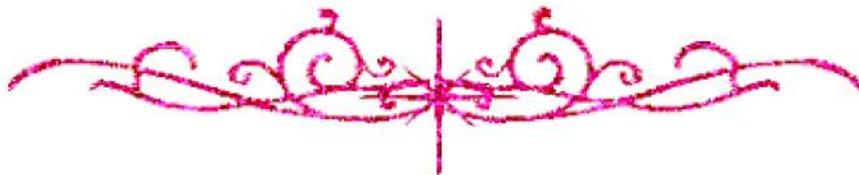
قسم

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



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

*Expression of vascular endothelial
growth factor in colorectal
carcinoma*

Thesis submitted for partial
fulfillment of Master degree in pathology

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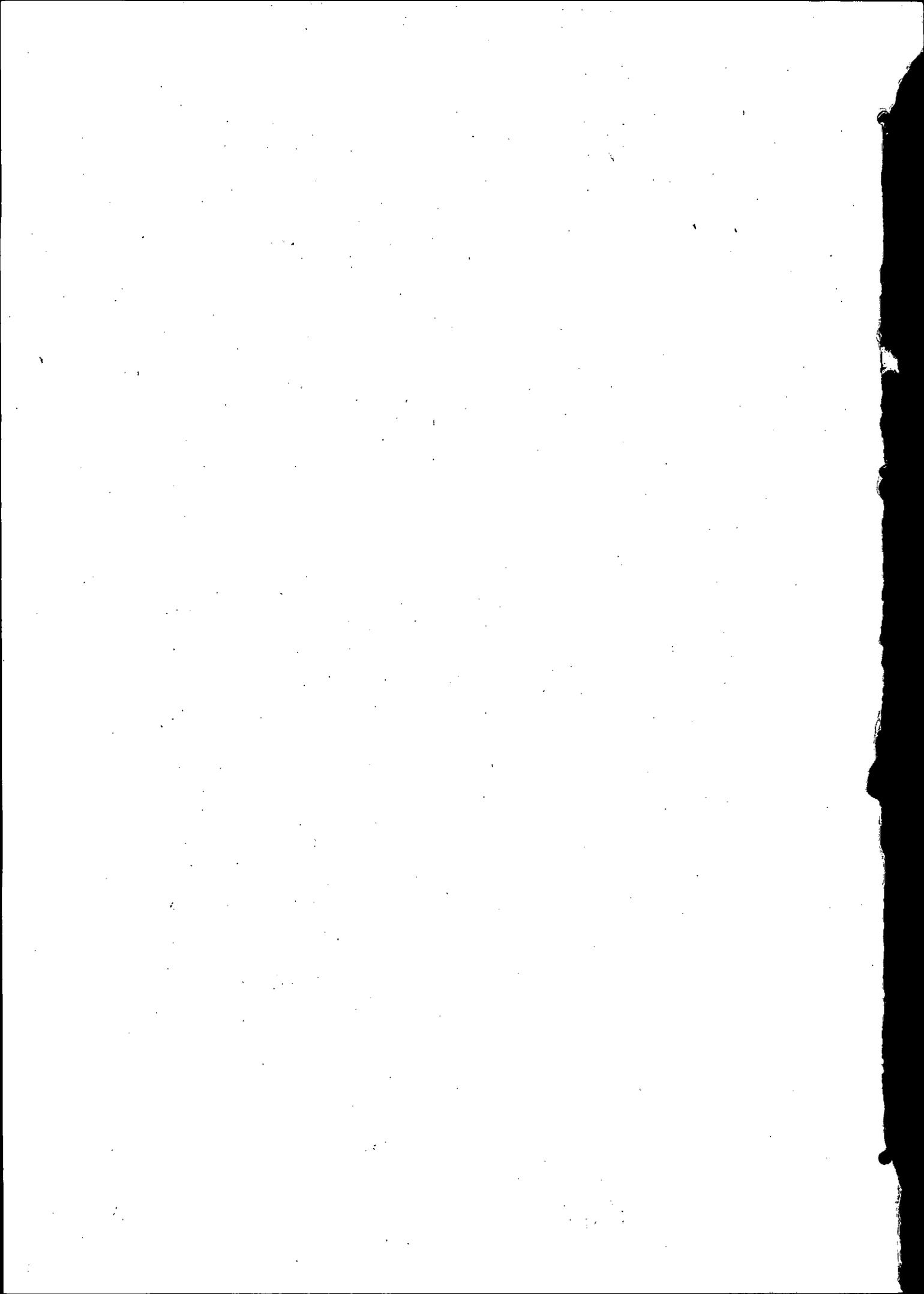
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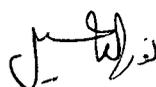
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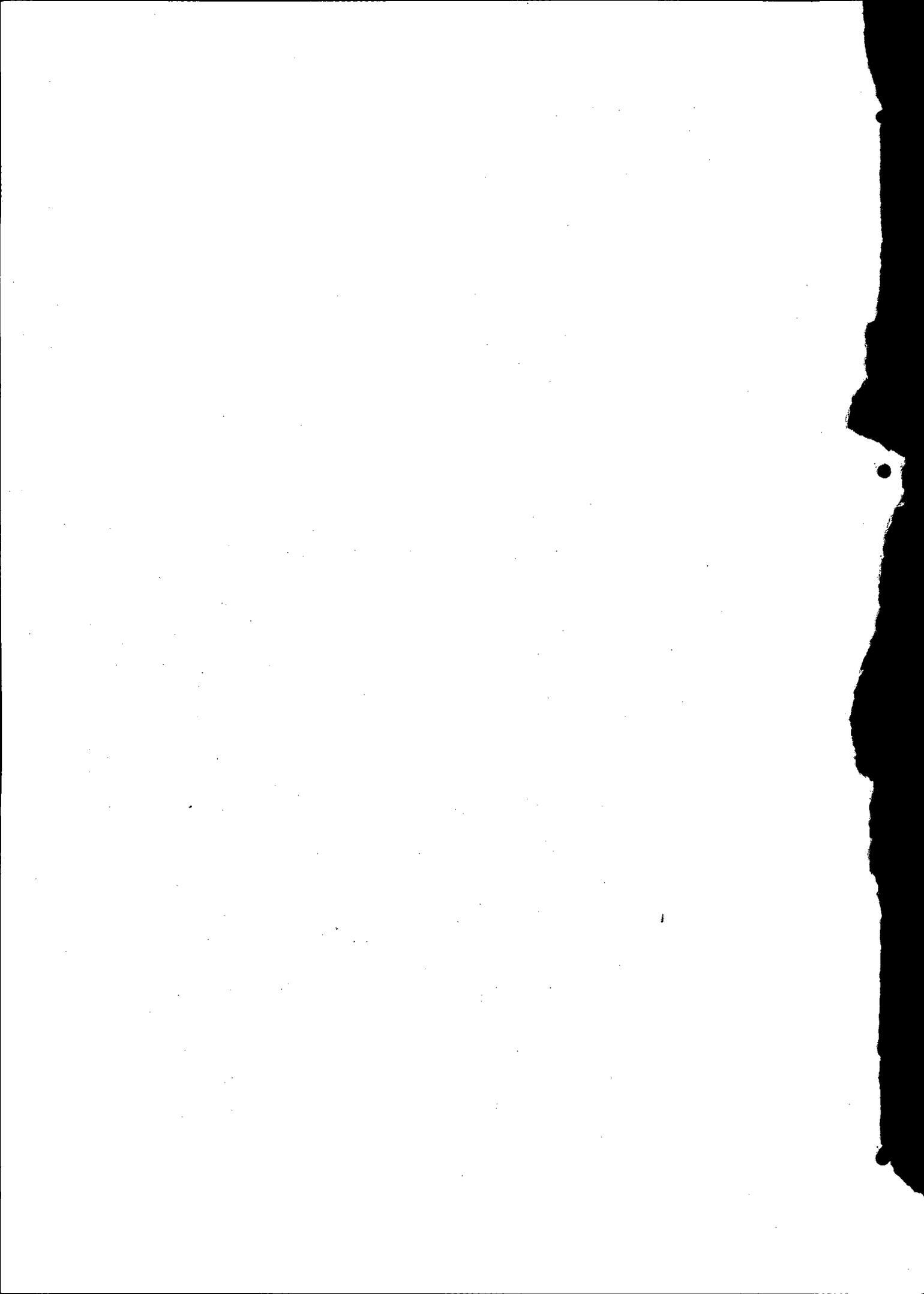
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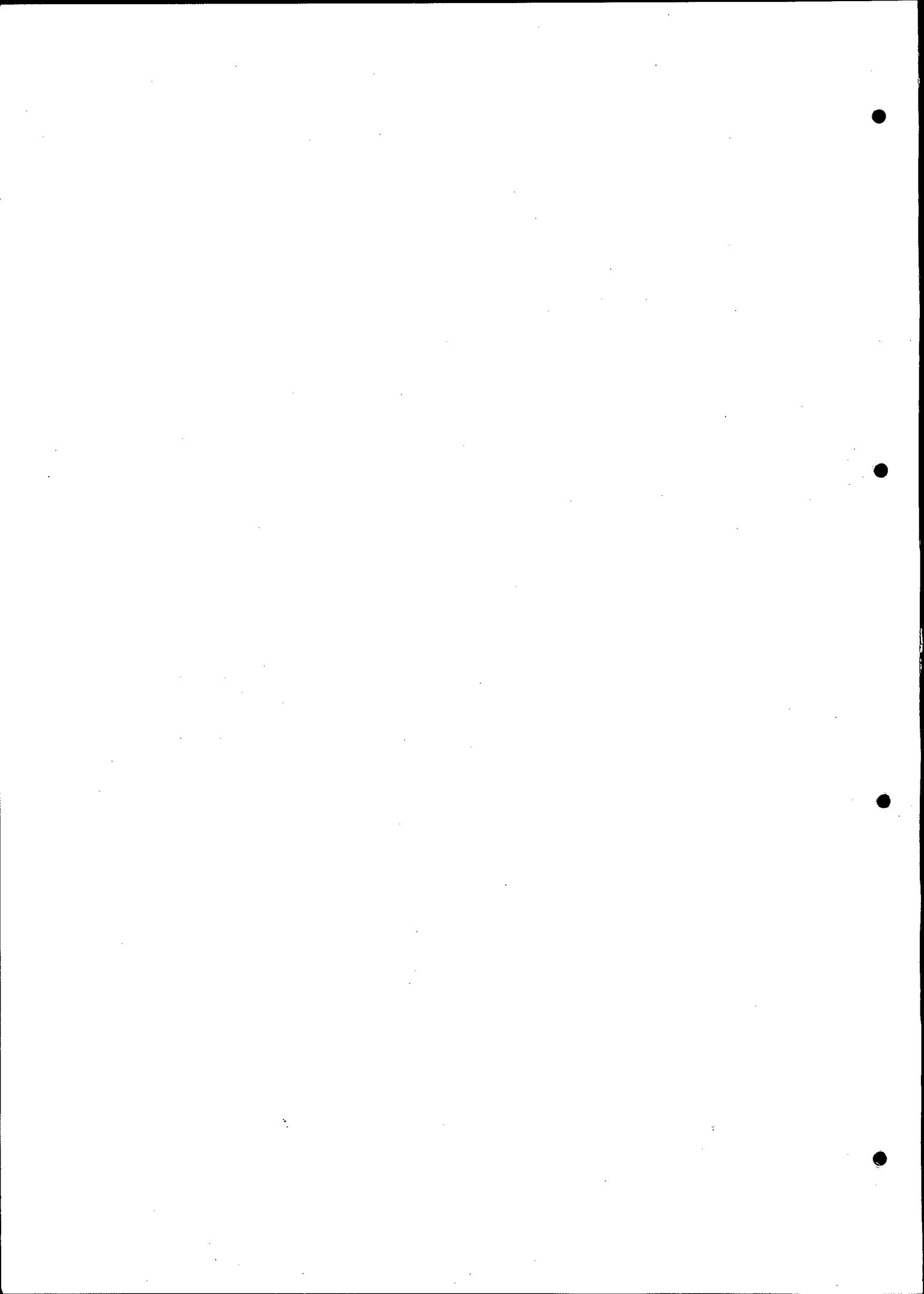
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2007



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
الْحَمْدُ لِلَّهِ الَّذِي
خَلَقَ السَّمَوَاتِ وَالْأَرْضَ
وَالَّذِي يُضَوِّبُ الْمَوْتِ
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LIST OF ABBREVIATIONS

ACF	Aberrant crypt foci
AFP	Alpha-fetoprotein
AGA	American Gastroenterological Association
AJCC	American Joint Committee on Cancer
APC	Adenomatous polyposis coli
bFGF	Basic fibroblast growth factor
BLM	Bloom
BRR	Bannayan-Riley-Ruvalcaba
CA 19-9	Carbohydrate antigen 19-9
CD	Crohn's disease
CEA	Carcinoembryonic antigen
CIMP	CpG island methylator phenotype
CRC	Colorectal carcinoma
CS	Cowden syndrome
CSF-1	Colony stimulating factor 1
Cyt c	Cytochrome c
DCC	Deleted in colon cancer
DNA	Deoxyribonucleic acid
EGF	Epidermal growth factor
ELISA	enzyme-linked immunosorbent assay
FAP	Familial adenomatous polyposis coli
FDA	Food and drug administration
FGFR	Fibroblast growth factor receptor
flk-1	fetal liver kinase-1
flt-1	fetal liver tyrosine kinase-1
GAPs	Guanosine triphosphate-activating proteins
GDP	Guanosine diphosphate
GI	Gastrointestinal
GIT	Gastrointestinal tract
GTP	Guanosine triphosphate
GTPase	Guanosine triphosphatase
H&E	Hematoxyline and eosin
HNPCC	Hereditary non-polyposis colorectal cancer

HPs	Hyperplastic polyps
HS	Highly significant
hTERT	Human telomerase reverse transcriptase
hTR	Human telomerase RNA
I.V.	Intravenous
IFN	Interferon ,
IGFIIR	Insulin like growth factor II receptor
IHC	immunohistochemical
IP	Interferon gamma inducible protein
IPS	Immune peroxidase stain
IQ	Intelligence quotation
JP	Juvenile polyposis
KDR	kinase domain region
LDD	Lhermitte-Duclos
M/F	Male to female ratio
MAP	Mitogen activated protein
MMAC	Mutated in multiple advanced cancers
MMP	Matrix metalloprotease
MMR	Mismatch repair
MoAb	Monoclonal antibody
MSI	Microsatellite instability
MSI-H	Microsatellite instability high
MSI-L	Microsatellite instability low
MVD	Microvessel density
N-	Negative lymph node status
N+	Positive lymph node status
NS	Non significant
PDGF	Platelet derived growth factor
PHTS	PTEN hamartomatous tumor syndrome
PLGF	Platelet growth factor
PJS	Peutz-Jeghers syndrome
PTDs	Pericolonic tumor deposits
RNA	Ribonucleic acid
RT-PCR	Reverse transcriptase polymerase chain reaction
S	Statistically significant
SSAs	Sessile serrated adenomas

TAMs	Tumor-associated macrophages
TCF	T-cell factor
TCF-4	T-cell factor 4
TGF	Transforming growth factor
TGF β	Transforming growth factor- β
TGF β RII	Transforming growth factor- β receptor II
TILs	Tumor infiltrating lymphocytes
TNF	Tumor necrosis factor
TNM	Tumor, Node, and metastasis
TP	Thymidine phosphorylase
TP1/TLP	Telomerase-associated protein 1
t-PA	Tissue-type plasminogen activator
U.S.A.	United States of America
UC	Ulcerative colitis
UICC	Union Internationale Contra le Cancer
u-PA	urokinase-type plasminogen activator
VEGF	Vascular endothelial growth factor
VEGFR	Vascular endothelial growth factor receptor
VEGFR-1	Vascular endothelial growth factor receptor 1
VEGFR-2	Vascular endothelial growth factor receptor 2
VEGFR-3	Vascular endothelial growth factor receptor 3
VEGFRs	Vascular endothelial growth factor receptors
WHO	World health organization
X ²	Chi-square test