

#### بسم الله الرحمن الرحيم

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تم رفع هذه الرسالة بواسطة / هناء محمد علي

بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى مسئولية عن محتوى هذه الرسالة.

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بركات وتكنوبوجي رابع

# Expression of Interleukin-23 in Ulcerative Colitis & Colorectal Carcinoma: An Immunohistochemical Study with Clinico-Pathologic Correlation

Thesis
Submitted for Partial Fulfillment
of M.D Degree in Pathology

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## List of Abbreviations

Abb.	Full term
AICC	American Joint Committee on Cancer
	Acute severe UC
	Cancer antigen 19-9
CD	Crohn's disease
CEA	Carcinoembryonic antigen
CRC	Colorectal cancer
CRM	Circumferential (radial) resection margin
CRP	C-reactive protein
DCs	Dendritic cells
DLBCL	Diffuse large B-cell lymphoma
EMVI	Extramural venous invasion
FCal	Fecal calprotectin
GIT	Gastrointestinal tract
HNPCC	Hereditary non-polyposis colorectal cancer
HRT	Hormonal replacement therapy
HS	Highly significant
<i>IARC</i>	International Agency for Research on Cancer
IBD	Inflammatory bowel disease
IECs	Intestinal epithelial cells
IEL	Intraepithelial lymphocytes
<i>IL-12Rβ1</i>	Interluekin-12R beta 1 subunit
IL-23	Interleukin 23
<i>IL-23Rα</i>	Interluekin-23R alpha