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شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



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بعض الوثائق الأصلية تالفة



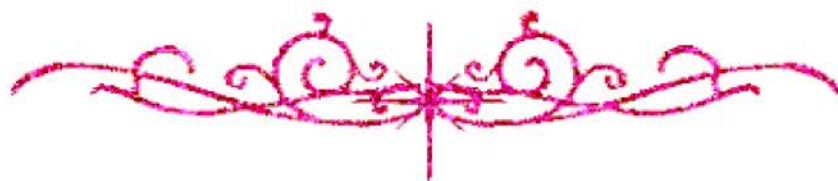
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بالرسالة صفحات
لم ترد بالأصل



Interleukin-8 in chronic renal failure and patients on peritoneal Dialysis

B 19102

This is
submitted in partial fulfilment
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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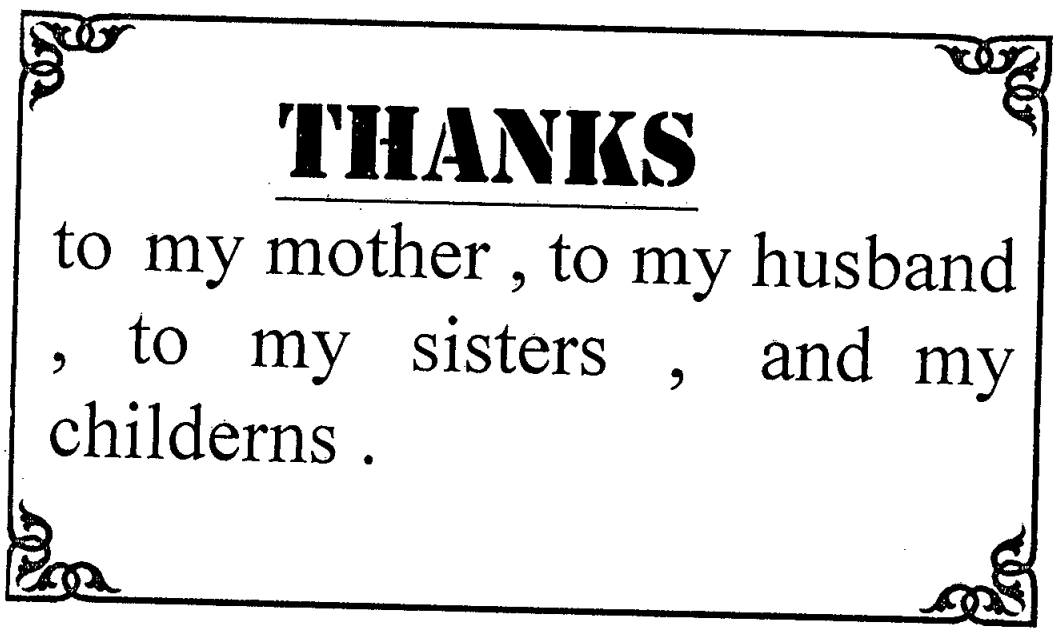
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to my mother , to my husband
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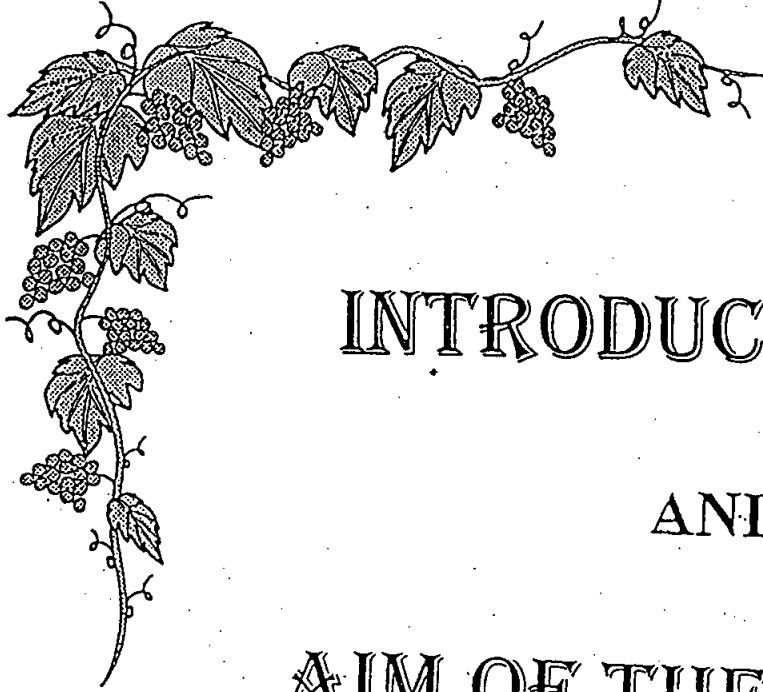
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List of abbreviations

APD	Automated peritoneal dialysis
CAPD-PMO	Continous ambulatory peritoneal dialysis - polymorphonuclear cells .
CDNA	Complementary deoxyribonucleic acid
ConA	Concanavalin A
CSF	Colony stimulating factor
FMLP	F - methionyl L - leucyl - Phenylalanine
GTP	Guanine triphosphate
HLA-DR	Human leucocytic antigen - D receptor
HRF	Histamine releasing factor
HRIF	Histamine release inhibitory factor
IFN gamma	Interferon- gamma
IL-1 beta	Interleukin-1 beta
IgA	Immunoglobulin A
IgG	Immunoglobulin G

IgM	Immunoglobulin M
IL-6	Interleukin-6
IL-8	Interleukin-8
LGL	Large granular lymphocyte
LPS	Lipopolysaccharide
M (phi)	Macrophage
MAB	Monoclonal antibody
MCAF	Monocyte chemotactic activating factor .
MCP	Monocyte chemotactic peptide or protein
MCP-1	Monocyte chemoattractant protein-1
MEES	Middle ear effusions
mRNA	Messenger ribonucleic acid
MW	Molecular weight
NAF	Neutrophil activating factor
NAP	Neutrophil activating protein
NK	Natural killer cells
PHA	Phytohemagglutinin
PMA	Phorbol myristate acetate
TGF- beta	Transforming growth factor - beta
TNF	Tumour necrosis factor
TNF - α	Tumor necrosis factor - alpha



INTRODUCTION
AND
AIM OF THE WORK



Introduction and Aim of the work

Patients with end stage renal disease present an immunodeficiency that paradoxically, coexists with activation of most incompetent cells (Descumpus et al ; 1995). Patients with end stage renal failur under doing peritoneal dialysis may have peritonitis as one of the major complication .

Previous reports have documented impaired cytokine production by peritoneal macrophages in chronic peritoneal dialysis patients (Nea et al ;1995) but they suggested intact systemic mononuclear cell function .

Interleukine - 8 (IL - 8) which is a neutrophil - activating peptide_1 (NAP - 1) acts almost exclusively on neutrophils , stimulating chemotaxis and degranulation . It can be produced by a variety of cell types , including large granular lymphocytes , macrophages , endothelial cells , fibroblasts and synovial cells (Standiford el al ;1995) .

Moreover , It has been shown that IL-8 acts as chemotactant and inhibitant to leukocyte endothelial cell adhesion suggesting that , it may also plays a complex role in regulation of inflammatory process (Hechtman et al ;1991) .

Accordingly IL-8 might contribute in pathophysiology of peritonitis complicating peritoneal dialysis .

Aim of the present work is , to study serum and dialysis fluid IL-8 concentration in patients with chronic peritoneal dialysis to assess the hypothesis that changes in IL-8 , site of production , serum levels may be relevant in the pathophysiology of peritonitis complicating peritoneal dialysis