

سامية محمد مصطفى



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 والميكروفيلم

قسم

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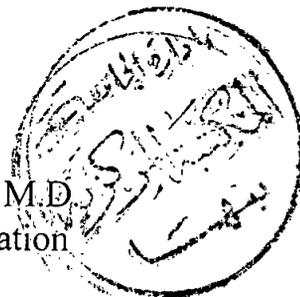
لم ترد بالأصل



NITRIC OXIDE ASSESSMENT IN SERUM AND URINE IN PATIENTS WITH RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS

Thesis

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By

SHERIEN ABD EL-FATAH IBRAHIM AL-GERGAWY
(M. B. B. Ch. & M. Sc.)

Supervisors

PROF. DR.

MOHAMED ZAKARIA ERAKY

*Professor and Head of Rheumatology and
Rehabilitation
Benha Faculty of Medicine
Zagazig University*

PROF. DR.

OSAMA SAAD EL-SHAER

*Professor of Clinical & Chemical Pathology
Benha Faculty of Medicine
Zagazig University*

DR.

MONIR SERAG EL-DIN HANAFI

*Assistant Prof. of Rheumatology
and Rehabilitation
Benha Faculty of Medicine
Zagazig University*

DR.

ALI IBRAHIM FOUDA

*Assistant Prof. of Rheumatology
and Rehabilitation
Benha Faculty of Medicine
Zagazig University*

DR. REFAT MOUSTAFA EL-TANAWAY

*Lecturer of Rheumatology and Rehabilitation
Benha Faculty of Medicine - Zagazig University*

*Benha Faculty of Medicine
Zagazig University*

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
الْحَمْدُ لِلَّهِ الَّذِي
خَلَقَ السَّمَوَاتِ وَالْأَرْضَ
وَالَّذِي يُضَوِّبُ الْمَوْتَى
إِنَّ رَبَّهُ لَسَدِيدٌ
إِلَىٰ عَرْشِهِ الرَّحِيمُ
الَّذِي يُخْرِجُ الْحَيَّ مِنَ الْمَوْتَى
وَيُرْسِلُ الرِّيحَ بَأَمْرِهِ
فَتُحْمَلُهُ السَّحَابُ
وَيَضْحَكُ وَهُوَ الْكَافِرُ
الَّذِي يُضَوِّبُ الْمَوْتَى
إِنَّ رَبَّهُ لَسَدِيدٌ
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CONTENT

	Page
Introduction and aim of the work	1
Review of literature	3
Rheumatoid arthritis	3
Osteoarthritis	34
Nitric oxide	44
Patients and Methods	74
Results	89
Discussion	136
Summary and Conclusion	150
References	153
Arabic Summary	

LIST OF ABBREVIATION

ADP	: Adenosine diphosphate
AIA	: Adjuvant-induced arthritis
ANA	: Antinuclear antibodies
ARA	: American Rheumatism Association
c AMP	: Cyclic adenosine monophosphate
c GMP	: Cyclic guanosine monophosphate
C II	: Collagen II
CIA	: Collagen-induced arthritis
CNOS	: Constitutive nitric oxide synthase
COX	: Cyclooxygenase
CRP	: C-reactive protein
e NOS	: Endothelial nitric oxide synthase
EBV	: Epstein-Barr virus
EDRF	: Endothelial-derived hyperpolarizing factor
ESR	: Erythrocyte sedimentation rate
FAD	: Flavin adenine dinucleotide
FC	: Crystalizable fraction
FCA	: Freund's complete adjuvant
GTP	: Guanosine triphosphate
Hb	: Haemoglobin
HLA	: Human leukocyte antigen
IL -	: Interleukins
IL-IRA	: Interleukin-1 receptor antagonist

IMG	: Immunoglobulin G
INF- γ	: Interferon - γ
INOS	: Inducible nitric oxide synthase
LE	: Lupus erythematosis
L-NAME	: N-nitro-L-arginine-methylester
L-NMMA	: N-monomethyl - L - arginine
LPS	: Lipopolysaccharide
MCP	: Metacarpo-phalangeal joint
MTP	: Metatarso-phalgeal joint
NADPH	: Nicotinamide adenine dinucleotide phosphate
NF -KB	: (Nuclear factor - kB)
NO	: Nitric oxide
O ₂	: Saperoxide anion
OA	: Osteoarthritis
PGE ₂	: Prostaglandin E ₂
PIP	: Proximal interphalangeal joint
PMN	: Polymorpho-nuclear cell.
PMNL	: Polymorpho-nuclear. Leuckocytes
RF	: Rheumatoid factor
S - NP	: S-nitrosoproteins
SF	: Synovial fluid
TNF- α	: Tumor necrosis factor - α

LIST OF TABLES

Table No.		Page
TABLE OF REVIEW		
1	Glucocorticoids classification (short, intermediate, long).	30
2	Molecular targets of nitric oxide	47
3	Effect of NO on various aspects of the inflammatory process	57
4	Evidence that nitric oxide (NO) modulates inflammation.	60
TABLE OF RESULTS		
1	Personal characteristic, clinical and laboratory variable, in RA patients	89
2	Show personal characteristic and laboratory variable, in osteoarthritis patients	90
3	Serum nitrite/nitrate & urinary nitrate/creatinine in rheumatoid patients and control	91
4	Serum nitrite/nitrate and urinary nitrate/creatinine in osteoarthritis group as compared to control group	92
5	Serum nitrite/nitrate and urinary nitrate/creatinine in rheumatoid arthritis patients and osteoarthritis group	93
6	Serum nitrite/nitrate, urinary nitrate/creatinine in different grades of RA group	94
7	Correlation between morning stiffness (M.S) and serum nitrite/nitrate, urinary nitrate/creatinine in RA patients ...	95
8	Correlation between tenderness (T), and serum nitrite/nitrate, urinary nitrate/creatinine in RA patients ...	96
9	Correlation between grip strength (GS) and serum nitrite/nitrate, urinary nitrate/creatinine in RA patients ...	97

Table No.		Page
10	Correlation between pain severity & serum nitrite/nitrate, urinary nitrate/creatinine in rheumatoid arthritis patients.	98
11	Correlation between erythrocyte sedimentation rate (ESR) and serum nitrite/nitrate, urinary nitrate/creatinine in RA patients	99
12	Correlation between hemoglobin (Hb level) and serum nitrite/nitrate, urinary nitrate/creatinine in RA patients ...	100
13	Correlation between pain severity (PS) and serum nitrite/nitrate, urinary nitrate/creatinine in OA patients ...	101
14	Correlation between radiological grading and serum nitrite/nitrate, urinary nitrate / creatinine in osteoarthritis patients	102
15	Correlation between parameters of disease activity, age, sex and serum nitrite/nitrate in rheumatoid arthritis patients	103
16	Correlation between parameters of disease activity, age, sex and serum nitrite/nitrate, urinary nitrate/creatinine in Rheumatoid arthritis patient	104
17	Correlation between personal characteristic, laboratory variable and serum nitrate in osteoarthritis patients	105
18	Correlation between personal characteristic, laboratory variable and urinary nitrate/creatinine in osteoarthritis patients	106

LIST OF FIGURES

Fig. No.		Page
FIGURE OF REVIEW		
1	Schematic overview of pathways of L-arginine metabolism	45
2	Nitric oxide arterial smooth muscle	49
3	Similarities in the regulation of nitric oxide synthase (NOS) and cyclooxygenase (COX) isoforms	62
4	Potential catabolic effects of nitric oxide	63
FIGURE OF RESULTS		
1	Comparison between RA and control group as regard serum nitrite/nitrate (nmol/mL)	107
2	Comparison between RA and control group as regard urinary nitrate/creatinine ratio (nmol/mg)	108
3	Comparison between OA and control group as regard serum nitrite/nitrate (nmol/mL)	109
4	Comparison between OA and control group as regard urinary nitrate/creatinine ratio (nmol/mg)	110
5	Comparison between RA, OA group as regard serum nitrite/nitrate (nmol/mL)	111
6	Comparison between RA, OA group as regard urinary nitrate/creatinine ratio	112
7	Comparison between different grades of RA as regard serum nitrite/nitrate	113
8	Comparison between different grades of RA as regard urinary nitrate/creatinine ratio	114

Fig. No.		Page
9	Comparison between radiological grading and serum nitrite/nitrate (nmol/mL) in OA	115
10	Comparison between radiological grading and urinary nitrate/creatinine (nmol/mg) in OA	116
11	Comparison between pain severity and serum nitrite/nitrate (nmol/mL) in OA	117
12	Correlation between different grades of MS as regard serum nitrite/nitrate	118
13	Correlation between different grades of MS as regard urinary nitrate/creatinine ratio	119
14	Correlation between different grades of tenderness as regard serum nitrite/nitrate	120
15	Correlation between different grades of tenderness as regard urinary nitrate/creatinine ratio in RA	121
16	Correlation between different grades of GS as regard serum nitrite/nitrate	122
17	Correlation between different grades of GS as regard urinary nitrate/creatinine ratio in RA	123
18	Correlation between different grades of pain severity as regard serum nitrite/nitrate in RA patients	124
19	Correlation between different grades of pain severity as regard urinary nitrate/ creatinine ratio in RA	125
20	Correlation between different grades of ESR as regard serum nitrite/nitrate in RA patients	126
21	Correlation between different grades of ESR as regard urinary nitrate/creatinine ratio in RA patients	127