بسم الله الرحمن الرحيم

شبكة المعلومـــــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

﴿ قـــسـم ﴾

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية تغيرات

يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %

بعض الوثائق الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصـــل

ENDOTHELIN-1 LEVEL IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH PULMONARY HYPERTENSION

Thesis
Submitted for Partial Fulfillment of
Master Degree in ***Chest Diseases***

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بسم الله الرحمن الرحيم

"وقل اعملوا فسيرى الله عملكم ورسوله والمؤمنون "

صدق الله العظيم

(سورة التوبة آية ١٠٤)

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List Of Abbreviations

A-II : Angiotensin II .
ACE : Angiotensin converting enzyme .
ACTH : Adrenocorticotrophic hormone .
ADH : Antidiuretic hormone .
ANP : Atrial natriuretic peptide .
APR : Acute phase reactant .
ARDS : Acute respiratory distress syndrome .
ARF : Acute renal failure .
Arg : Arginine .
ATP : Adenyl triphosphate .
AU : Adenosine uracil .
BALF : Bronchoalveolar lavage fluid .
$[Ca^{2+}]$: Ionized calcium .
$[Ca^{2+}]_i$: Intracellular calcium .
cAMP : Cyclic adenosine monophosphate .
CFA : Cryptogenic fibrosing alveolitis .
cGMP : Cyclic guanosine monophosphate .
CO_2 : Carbon dioxide .
COPD : Chronic obstructive pulmonary disease .
Cys : Cysteine .
DIC : Dissiminated intravascular coagulation .
E.Coli : Echerechia coli .
EC : Extracellular .
ECE : Endothelin converting enzyme .
EDCF : Endothelium derived contracting factor .
EDRF : Endothelium derived relaxing factor .
EDTA : Ethylene diamine tetra-acetic acid .
EGF : Endothelial growth factor .
EGTA : Ethyl glycol tetra-acetic acid .

Emax : Maximal level of exercise .
ET : Endothelin .
ET-1-LI : Endothelin like immunoreactivity .
FEV_1 : Forced expiratory volume in one second.
FRC : Functional residual capacity .
FVC : Forced vital capacity .
GFR : Glomerular filtration rate .
HDL : High density lipoprotein .
HELLP : Hemolysis , elevated liver enzymes and low platelets.
HPLC : High performance liquid chromatography .
HUVEC : Human umbilical vein endothelial cells .
IL-1 : Interleukin-1 .
Ile : Isoleucine .
IP : Inositol phosphate .
LDL : Low density lipoprotein .
Lys : Lysine .
MMV : Maximum ventilatory ventilation .
MPAP : Mean pulmonary artery pressure .
NEP : Neutral endopeptidase .
NO : Nitric oxide .
O_2 : Oxygen .
$PaCO_2$: Arterial carbon dioxide tension .
PAF : Platelet activating factor .
PaO_2 : Arterial oxygen tension .
P_{breath} : Pressure required per breath .
PCWP : Pulmonary capillary wedge pressure .
PDGF : Platelet derived growth factor .
PGD_2 : Prostaglandin D_2
PGE_2 : Prostaglandin E_2
PGI_2 : Prostacyclin .
PI : Phosphatidyl inositide .

PLA_2 : Phospholipase A_2 .
PLC : Phospholipase C .
Pmax : Maximum inspiratory pressure .
ppET-1 : Prepro ET-1
PVO_2 : Mixed venous PO_2 .
PVR : Pulmonary vascular resistance .
Q_S/Q_T : Venous admixture .
RAS : Renin angiotensin system .
RBF : Renal blood flow .
ROC : Receptor operated channel .
S6b : Sarafotoxin 6b .
SaO_2 : Arterial oxygen saturation .
SNFR : Single nephron filtration rate .
TFA : Trifloro acetic acid .
TGF-B : Transforming growth factor B .
TGF-B : Transforming growth factor B .
TNF : Tumor necrosis factor .
Tryp : Tryptophan .
TSH : Thyroid stimulating hormone .
TxA_2 : Thromboxane A_2 .
V_A/Q : Ventilation perfusion relationship .
Val : Valine .
V_D : Physiological dead space .
$V_E$max : Maximum exercise ventilation .
VIC : Vasoactive intestinal contractor .
VO_2 : Oxygen consumption .
VO_2max : Maximum oxygen uptake .
VOC : Voltage operated channel .
V_T : Tidal volume .