

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



فؤاد بن عبد الوهاب
ليلى عبد الباقى
ياسمين ابراهيم

BLOOD SUBSTITUTES UPDATE

رسالة

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By

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مع الترخيص باريها كمنه
مكيه خيله نيله
المعلومات وأتأهت لها
وإلى أن البنية وإكاريه
نصف جورج نصف

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List of Abbreviations

($\cdot\text{O}_2$)	Superoxide
1,3-DPG	1,3-diphosphoglycerate
2,3-DPG	2,3-diphosphoglycerate
ADP	Adenosine diphosphate
ATP	Adenosine triphosphate
ATR	Acute transfusion reaction
C3	Complement 3
C3a	Complement 3a
CA	Carbonic anhydrase
CLC	Charcot-Leyden Crystal
CO_2	Carbon dioxide
CPK	creatine phosphokinase
DBSF	bis-(3,5 dibromo-salicyl)-fumarate
DCLHb	Diaspirin cross-linked hemoglobin
DTR	Delayed transfusion reaction
ECP	Eosinophil Cationic Protein
EIA	Enzyme immunoassay
FDA	Food and Drug Administration
Fe^{2+}	Ferrous
GM-CSF	Granulocyte monocyte colony stimulating factor
GTR	Granulocyte turnover rate
H_2O_2	Hydrogen peroxide
Hb	Hemoglobin
HbFe_3^+	Methemoglobin
HBOCs	Hemoglobin-based oxygen carriers
HBV	Hepatitis B virus
HCV	Hepatitis C virus
HIV	Human immunodeficiency virus
HMS	Hexose monophosphate shunt
HPLC	High performance liquid chromatography
HPLC-UV	High performance liquid chromatography - ultraviolet
IBCT	Incorrect blood component transfused
IL-1	Interleukin 1
IL-6	Interleukin 6
KD	Kilo Dalton
LDH	Lactate dehydrogenase
LPS	Lipopolysaccharide
metHb	Methemoglobin
NAD	Nicotinamide-adenine dinucleotide
NIH	National Institute of health

List of abbreviations (ii)

NO	Nitric Oxide
O ₂	Oxygen
PEG	Polyethylen glycol
PFCs	Perfluorocarbons
PGE ₂	Prostaglandin E ₂
PGF ₂	Prostaglandin F ₂
PTP	Post-transfusion purpura
RBCs	Red blood cells
SDS-PAGE	Sodium dodecylsulphate polyacrylamide gel electrophoresis
SFH	Stroma-free hemoglobin solutions
SHOT	Serious hazards of transfusion
TA-GVHD	Transfusion associated graft-versus-host disease
TNF-alpha	Tumor necrosis factor alpha
TRALI	Transfusion related acute lung injury
TTI	Transfusion transmitted infection
TTIs	Transfusion transmitted infections
TXA ₂	Thromboxane A ₂
w/v	Weight/Volume

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