

بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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The Hemopoietic Stem Cell in Health and Disease

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Essay

*Submitted for Partial Fulfillment of the
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Homopochi stem cells in health
and disease.

٧٢٥} على موافقة اللجنة بتاريخ ١٤٠٠ هـ على تعيين اللجنة المذكورة في مناقشة الوزارة
المذكورة أعلاه على النحو التالي:

کتاب: ...
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الحمد لله الذي هدانا لهذا الذي كنا لنهتدي لولا أن هدانا الله

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الحمد لله رب العالمين

رأى أن هذا العمل يتواءم مع الأهداف والخطط التي ترعاها الجامعة وذلك في إطار السياسة التي تتبناها

انه الكذب الخزيه المأثوره كما يلاحظ لها القدر على التكاثر المميز
 بقوه ٤ و لكن كما ذكرت علاج اول حينها عن طريق الكفايه . فعدد الكفايه
 لها القدر على انتاج اعداد من الكذايه اكثر كما يلاحظ ولا
 حزن عدد اسبابه في هذه الكذايه لانها تظهر
 و اوضح من العلاجات المعبره ولكنها تظهر بوضوح المستعمله
 البرهانه و علاجات اخرى ومن اشد هذه البرهانه ٤ و المستعمله
 و قد ثبت انه هناك عدد امراض تسبب عن وجود هذه الكذايه
 مثل الرشح في الكاع و الكاع في الدم الكاد و كحور الكاع في
 و الصبي في الكاع

ثم فاجدة الى اذاعة لينة الكم كل على هذه في جميع ابواب ونود المراكلة ونطاقها الى اذاعة
والمخرج الى اذاعة

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ABSTRACT

The early multipotent stem cells in the lymphohemopoietic system have extensive proliferative potential, but few differentiated features. They reside largely in the bone, encased in the bone marrow cavity. These stem cells have the potential, with appropriate inductive signals, to differentiate and give rise to populations of progenitor cells. Early stem cells do not express different lineage markers, but they express certain classes of receptor proteins or other markers, in human CD34 and c-kit. It has been proposed a number of diseases appear to be of stem cell origin e.g. aplastic anemia, acute myelogenous leukemia, myelodysplasia, and paroxysmal nocturnal hemoglobinuria. It is the aim of this work to highlight the main characteristics of the stem cell with study of the pathophysiology in different diseases affecting it.

Key words: Stem cell

Hematopoiesis

CD34

Cytokines

KEY WORDS

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List of contents :	Page
List of tables	1
List of figures	2
List of abbreviations	3-7
Introduction and aim of work	8
Chapter 1 : Hemopoiesis	9
• Introduction and history	9
• Sites of hematopoiesis	10
• Embryogenesis and early development of stem cells	12
• Marrow structure	15
• Haemopoietic microenvironment	25
• Regulation of hemopoiesis	30
○ Haemopoietic growth factors	32
○ Receptors of growth factors	37
• Erythropoiesis	57
Chapter 2 : Stem cells	60
• Historical review	60
• Definition of stem cells	61
• Phenotypic properties	66
• Characterization and assay of blood stem cells	67
• CD 34	68
• Enrichment of haemopoietic stem cells	75
• Strategies for isolation of stem cells	76
• Progenitor cells	77
• Stem cell sources	79
• Mobilization of stem cells	82
• C-kit gene and its ligand	85
• Apoptosis in stem cells	90

Chapter 3 : Characteristics of stem cell disorders	93
• Pathogenesis of stem cell diseases	95
• Phenotypes of stem cell diseases	97
• Clinical manifestations of stem cell diseases	98
• Myelodysplastic Disorders	100
○ Pathogenesis	100
○ Prognostic features	114
○ Management	114
○ BMT in MDS	116
○ Apoptosis is a pathological mechanism in some BM failure syndromes	117
• Acute Myelogenous Leukemia	121
○ Immunophenotypic classification	126
○ Cytogenetics	129
○ Growth factors and biological response modifiers	132
○ BMT in AML	133
• Aplastic anemia	134
○ Definition and history	134
○ Etiology and pathogenesis	135
○ Pathogenesis	139
○ Types of aplastic anemia	142
○ Restoration of marrow activity	143
○ Allogeneic progenitor cell transplantation for severe aplastic anemia	146
○ Gene therapy in aplastic anemia	159
• Paroxysmal Nocturnal Hemoglobinuria	161
○ Definition	161
○ Etiology and pathogenesis	161