



# Yasser Ahmed Osman

Professor

## Personal Data

Nationality | Egyptian

Date of Birth | 09/02/1961

Department | Pathology

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## Language Proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Excellent	Excellent	Excellent
Others (Japanese)	Very good	Very good	Very good

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1997-1999	Post-doctor fellowship	Niigata University, School of Medicine	Japan
1991-1996	Doctorate	Niigata University, School of Medicine	Japan
1989-1986	Master	Ain-Shams University	Egypt
1984-1979	Bachelor	Ain-Shams University	Egypt

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

<b>PhD</b>	<ol style="list-style-type: none"><li>Enhanced elimination of Ph+ chromosome cells in vitro by combined hyperthermia and other drugs (AZT, IFN-alpha, TNF, and quercetin): its applicability to autologous bone marrow transplantation for CML.</li><li>Activation of hepatic NKT cells and subsequent liver injury following administration of alpha-galactosylceramide.</li></ol>
<b>Master</b>	Comparative study of Reflotron and Astra automated analyzers.
<b>Fellowship</b>	<ol style="list-style-type: none"><li>Generation of bcr-abl (b3a2) peptide: its applicability for donor leukocyte transfusions in marrow grafted CML patients.</li><li>Activation of autologous or HLA-identical sibling cytotoxic T lymphocytes by blood derived dendritic cells pulsed with tumor cell extracts.</li><li>Generation of Ag-specific cytotoxic T lymphocytes by DC transfected with in vitro transcribed influenza virus matrix protein (M1) mRNA.</li></ol>



### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Professor	Hematology/Pathology	University of Dammam- Saudi Arabia	2008 to date
Professor	Hematology/ Clinical pathology	Ain-Shams University- Egypt	2007 – to date
Visiting Professor	Hematology/ 1 <sup>st</sup> Department of Internal Medicine	Niigata University- Japan	2002 - 2002
Associate Professor	Hematology/ Clinical pathology	Ain-Shams University- Egypt	2000 - 2007
Lecturer	Hematology/ Clinical pathology	Ain-Shams University- Egypt	1996 - 2000
Resident/specialist		Ain-Shams University Hospital	1984 - 1991
Consultant		Niigata University Hospital	1991 -2001
Consultant		Ain-Shams University Hospital	1996 – to date
Consultant		King Fahd hospital of the University	2008 – to date

### Scientific Achievements

#### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	<u>Osman Y.</u> , et al.	Generation of Ag-specific cytotoxic T lymphocytes by DC transfected with in vitro transcribed influenza virus matrix protein (M1) mRNA.	Cytotherapy. 5(2): 161-68, 2003.
2	Nasuno A., Toba K., Ozawa T., Hanawa H., <u>Osman Y.</u> , et al.	Expression of coxsackievirus and adenovirus receptor in neointima of the rat carotid artery.	Cardiovascular Pathology. 13: 79-84, 2004.
3	Ayres F. M., Narita M., Takahashi M., Alldawi L., Liu A., <u>Osman Y.</u> , et al.	A comparative study of the JAM test and 51Cr-release assay to assess the cytotoxicity of dendritic cells on hematopoietic tumor cells.	Immunological Investigations 32(4): 219-27, 2003.
4	<u>Osman Y.</u> , et al.	Activation of hepatic NKT cells and subsequent liver injury following administration of alpha-galactosylceramide.	European Journal of Immunology. 30: 1919-28, 2000.
5	<u>Osman Y.</u> , et al.	Generation of bcr-abl (b3a2) peptide: its applicability for donor leukocyte transfusions in marrow grafted CML patients.	Leukemia. 13(2): 166-74, 1999.
6	Narita J., Watanabe H.,	Variation in the proportion of	Biomedical Research. 21(1): 31-9,



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
	Kawamura H., Kawamura T., <u>Osman Y.</u> , et al.	granulocytes and lymphocyte subsets in the uterus and immune organs in accord with the estrous cycle in mice.	2000.
7	<u>Osman Y.</u> , et al.	Activation of autologous or HLA-identical sibling cytotoxic T lymphocytes by blood derived dendritic cells pulsed with tumor cell extracts.	Oncology Reports. 6: 1057-63, 1999.
8	<u>Osman Y.</u> , et al.	Dendritic cells stimulate the expansion of PML-RAR alpha specific cytotoxic T-lymphocytes: its applicability for antileukemia immunotherapy.	Journal of Experimental and Clinical Cancer Research. 18(4): 485-92, 1999.
9	<u>Osman Y.</u> , et al.	The expression of CD80 and/or CD86 on target cells is not associated with the intensity of cytotoxicity by human NK cells.	Biomedical Research. 19(6): 381-9, 1998.
10	Zheng Z., Takahashi M., Aoki S., Toba K., Liu A., <u>Osman Y.</u> , et al.	Expression patterns of costimulatory molecules on cells derived from human hematological malignancies.	Journal of Experimental and Clinical Cancer Research. 17(3): 251-8, 1998.
11	<u>Osman Y.</u> , et al.	Case Report: amyopathic dermatomyositis associated with transformed malignant lymphoma.	American Journal of the Medical Sciences. 311(5): 240-2, 1996.
12	<u>Osman Y.</u> , et al.	Idiopathic myelofibrosis with unusually high erythroblastosis in the peripheral blood.	American Journal of Hematology. 52(2): 122-3, 1996.
13	Nakayama M., Otsuka K., Sato K., Hasegawa K., <u>Osman Y.</u> , et al.	Activation by estrogen of the number and function of forbidden T-cell clones in intermediate T-cell receptor cells.	Cellular Immunology. 172(2): 163-71, 1996.
14	Miyaji C., Watanabe H., <u>Osman Y.</u> , et al.	A comparison of proliferative response to IL-7 and expression of IL-7 receptors in intermediate TCR cells of the liver, spleen, and thymus.	Cellular Immunology. 169(2): 159-65, 1996.
15	Chinushi M., Watanabe Y., Aizawa Y., Hanawa H., Yamazoe M., <u>Osman Y.</u> , et al.	Suppression of fluid accumulation following pericardial inflammation in a patient with primary chylopericardium.	Japanese Heart Journal. 37(2): 271-4, 1996.



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
16	<u>Osman Y.</u> , et al.	Intermediate TCR cells with self-reactive clones are effector cells which induce syngeneic graft-versus-host disease in mice.	Cellular Immunology. 166(2): 172-86, 1995.
17	<u>Osman Y.</u> , et al.	Enhanced elimination of Ph+ chromosome cells in vitro by combined hyperthermia and other drugs (AZT, IFN-alpha, TNF, and quercetin): its applicability to autologous bone marrow transplantation for CML.	Experimental Hematology. 23(5): 444-52, 1995.
18	Haga M., Sekikawa H., Watanabe T., <u>Osman Y.</u> , et al.	Induction of unique populations of hepatic T cells in mice during infection with Toxocara Canis.	Japanese Journal of Parasitology. 44(5): 382-90, 1995.
19	Ohtsuka K., Yamamura S., <u>Osman Y.</u> , et al.	Immunological effects of Lumin-A, a fluorescent antioxidant drug, on T cell subsets in various immune organs of mice. Experimental Hematology. 23(12): 1324, 1995.	Acta Medica et Biologica. 43(4): 205-9, 1995.
20	<u>Osman Y.</u> , et al.	Concentration and effects of Quercetin.	

#### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Yasser Osman, et al.;	Generation of antigen specific cytotoxic T lymphocytes by dendritic cells transfected with in-vitro transcribed Influenza virus matrix protein mRNA.	Presented at the 44 <sup>th</sup> American Society of Hematology (ASH) Meeting, Philadelphia, Pennsylvania, USA/ December 2002.
2	Yasser Osman et al.;	Cellular immunotherapy post-bone marrow transplantation.	Presented at the 25 <sup>th</sup> Annual Meeting of the Egyptian Society of Hematology, Cairo, Egypt/ March 2003.
3	Yasser Osman et al.;	Dendritic cells stimulate the expansion of (b3a2) or PML-RAR alpha specific cytotoxic T-lymphocytes: Its applicability for therapeutic anti-tumor immunity.	Presented at the 40 <sup>th</sup> Annual Meeting of the American Society of Hematology (ASH)-Miami, Florida, USA/ December 1998.
4	Yasser Osman et al.;	Activation of autologous or HLA-identical sibling cytotoxic T lymphocytes by blood derived dendritic cells pulsed with tumor cell extracts.	Presented at the 60 <sup>th</sup> Japan Hematology Annual conference-Osaka city, Japan/ March 1998.
5	Yasser Osman et al.;	Dendritic cells stimulate the expansion of PML-RAR alpha specific cytotoxic T-	Presented at the 40 <sup>th</sup> Japan Hematological Clinical Annual Meeting-



	lymphocytes: its applicability for antileukemia immunotherapy.	Kanazawa city, Japan/ November 1998.
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#### Current Researches

#	Research Title	Name of Investigator(s)
	Flow cytometry analysis of platelet activation markers in sickle cell disease patients and its role in vaso-occlusive crisis	Yasser Osman

#### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Somatic mutation of Calreticulin in JAK2 wild type MPNs	King Fahd Hospital of the University, AL-Khobar on December 24-25, 2014	Speaker
2	19 <sup>th</sup> Congress of European Hematology Association	Milan, Italy, June 12-15, 2014	Attendant
3	European School of Hematology GR-EX Training course on red cells: Genesis and pathophysiology	Chantilly, France, April 23-26, 2014	Attendant and trainee
4	Advanced Hematology & Transfusion Science Symposium	King Fahd Hospital of the University, AL-Khobar on April 27-29, 2014	Attendant

#### Membership of Scientific and Professional Societies and Organizations

##### International:

- Active member , European Hematology Association (EHA), European union, 2013- to date
- International member, American Society of Hematology (ASH), USA, 2009 – to date
- International member, International Society of Thrombosis & Haemostasis (ISTH), Global Society, 2010 – to date.
- International member, American Association of Blood Banks (AABB), USA, 2009 – to date.

##### National:

- Member, Saudi Society of Hematology, Saudi Arabia, 2012 – to date.

#### Teaching Activities

##### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Hematology/Pathology & Transfusion Medicine	UoD College of Medicine, both males and females campus	12 lectures, 4 tutorials & 2 labs



	course		
2	Hematology & Transfusion Medicine course	Applied Medical Science (Bridging Program)	30 Lectures & 4 tutorials

**Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)**

1	Basic hemato-pathology, clinical problems related and problem solving scenarios and cases.
2	Transfusion medicine basics, transfusion related complication, its patho-biology and management approaches.

**Postgraduate**

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	1 <sup>st</sup> year post-graduate fellowship hematopathology rotation	MDHM 409-818 MDHM 409-817	Weekly lectures/tutorials for the whole educational fiscal year
2	2 <sup>nd</sup> Year post-graduate fellowship hematopathology rotation	MDHM 0409-821	Weekly lectures/tutorials for the whole educational fiscal year
3	3 <sup>rd</sup> Year post-graduate fellowship transfusion Medicine rotation	MDHM 0409-831	Weekly lectures/tutorials for the whole educational fiscal year
4	5 <sup>th</sup> year post-graduate fellowship hematopathology rotation	MDHM 0409-851	Weekly lectures/tutorials for the whole educational fiscal year

**Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)**

1	Advanced Hematology – 1
2	Advanced Transfusion Medicine
3	Advanced Hematology II & Research Methodology & Dissertation

**Course Coordination**

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1	Post-graduate Hemato-pathology Program	Program coordinator			University of Dammam post-graduate program	2013	Now

**Supervision of Master and/or PhD Thesis**



#	Degree Type	Title	Institution	Date
1	UoD Hemato-pathology Fellowship	Anti-phospholipid antibodies and coagulations in randomly selected Saudi populations in the Eastern province in KSA	University of Dammam (UoD)	2013

**Administrative Responsibilities, Committee and Community Service  
(Beginning with the most recent)**

**Administrative Responsibilities**

#	From	To	Position	Organization
1	2103	Now	Coordinator, UoD Hemato-pathology post-graduate fellowship program	University of Dammam (UoD)

**Committee Membership**

#	From	To	Position	Organization
1	2014	Now	International committee for patients' safety	King Fahd hospital of the University- Al-Khobar
2	2104	Now	Pathology Department post-graduate program committee	University of Dammam

**Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)**

1	Good knowledge of all computer and IT applications and softwares needed for the medical data applications and ongoing scientific researches
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**Last Update**

09 February, 2015