

## Curriculum Vitae



**Name:** Maged Salah MAHMOUD.

**Gender:** Male.

**Date of birth:** July 8<sup>th</sup>, 1960.

**Nationality:** Egyptian.

**Affiliation:** Emeritus Professor of Clinical Pathology  
“Immunohematology”, Assiut University Faculty of Medicine – Assiut –  
Egypt.

**E-mail:** [m.mahmoud@aun.edu.eg](mailto:m.mahmoud@aun.edu.eg)

### Education History:

1984- Sep: Bachelor of Medicine, Assiut University School of Medicine.

1986- Mar: Physician's License (No. 76930), Egypt.

1989- Oct: Master's Degree of Medical Science (Clinical Pathology),  
Assiut University School of Medicine.

1999- Mar: PhD of Medicine (Immunohematology), Yamaguchi  
University School of Medicine, Japan.

### Research Experience:

1986.1989 : Postgraduate (Master course) of Clinical Pathology, Assiut  
University Hospital.

1994-1995: Research student, Research Institute for Radiation Biology  
And Medicine (Internal Medicine-Hematology), Hiroshima  
University, Japan.

1995 -1997: Postgraduate (PhD course) of Internal medicine  
(hematology), Hiroshima University School of Medicine,  
Japan.

1997-1999: Research assistant, Yamaguchi University School of  
Medicine (Dept of Immunohematology).

1997-1999: Teaching assistant, Yamaguchi University School of  
Medicine (Dept of Immunohematology).

1997-1999: Postgraduate (PhD course) of Immunohematology,  
Yamaguchi University School of Medicine, Japan.

### **Employment History:**

- 1985, 1<sup>st</sup> March: House officer, Assiut University Hospital.
- 1986, 1<sup>st</sup> March: Resident Doctor, Assiut University Hospital (Dept. of Clinical Pathology).
- 1991, 2<sup>nd</sup> July: Demonstrator, Dept. of Clinical Pathology, Assiut University Faculty of Medicine.
- 1991, 3<sup>rd</sup> September: Assistant lecturer, Dept. of Clinical Pathology, Assiut University Faculty of Medicine.
- 1998, May: Teaching assistant, Yamaguchi University School of Medicine (Dept of Immunohematology).
- 1999, 30<sup>th</sup> May: Lecturer, Dept. of Clinical Pathology, Assiut University Faculty of Medicine.
- 2005, 29<sup>th</sup> March: Assistant Professor, Dept. of Clinical Pathology, Assiut University Faculty of Medicine.
- 2008, October: Hematology consultant and Laboratory Director, Saudi-German Hospital, Sana'a-Yemen.
- 2011, 30<sup>th</sup> September: Professor, Dept. of Clinical Pathology, Assiut University Faculty of Medicine.
- 2020, 16<sup>th</sup> September ~: Emeritus Professor, Dept. of Clinical Pathology, Assiut University, Faculty of Medicine.

### **Other Work Experiences:**

- Consultant of Clinical Pathology, Luxor International Hospital. October 1<sup>st</sup>, 2002- September 30<sup>th</sup>, 2003:
- Consultant of Hematology, Sohag Cancer Center. April 1<sup>st</sup>, 2008 – 30<sup>th</sup> September 2008:
- Director, Saudi-German Hospital (JCI accredited), Sana'a-Yemen. Hematology consultant and Laboratory director October 2008 – September 2010.
- Member of graduate studies and research committee, Assiut University – Faculty of Medicine, February 2016 ~
- Member of research and medical practice ethics committee (IRB), Assiut University – Faculty of Medicine, April 2018 ~

### **Awards/scholarships:**

- Japanese government postgraduate scholarship 1994-1994.

### **Scientific positions:**

- Member of graduate studies and research committee (IRB)-Faculty of medicine- Assiut University 2016-2020.
- Member of research and medical practice ethics committee of Faculty of medicine- Assiut University 2018 ~

- Member of Assiut University Research Ethics Central Committee (AUREC) 2022 ~

### **Mastered Techniques:**

Flow cytometry and flow sorting, PCR (RT-PCR, MS-PCR, LD genomic PCR), Southern blotting, Western blotting, Northern blotting, DNA recombination, Cell biology (cell and tissue culture, gene transfer), Light microscopy, Cytochemistry, Bone marrow aspiration and biopsy, fluorescent microscopy, Electroporation, Turbidimetry, Luminometry, Flame photometry, ELISA, Immunohistochemistry.

### **Other Specific Credits:**

- Global Yamaguchi Goodwill Ambassador since 1999.
- Enlisted in the following scientific communities:  
[http://www.biomedexperts.com/Profile.bme/869270/Maged\\_S\\_Mahmoud](http://www.biomedexperts.com/Profile.bme/869270/Maged_S_Mahmoud).  
[https://www.researchgate.net/profile/Maged\\_Mahmoud4](https://www.researchgate.net/profile/Maged_Mahmoud4)  
<https://scholar.google.com.eg/citations?user=n4NwNKIAAAAJ&hl=en>

### **Workshops and other scientific activities:**

- V<sup>th</sup> International workshop on multiple myeloma, September 1995  
 (19.0 hours in category 1 of the Physician's Recognition Award of the American Medical Association).
- Medical ethics, November 2004.
- Financial management and internal supervision systems, Oct 2004.
- Research management, March 2006.
- Time and work pressure management, April 2006.
- Quality assurance and accreditation, April 2006.
- Recent trends in teaching, April 2006.
- Teaching evaluation, November 2006.
- Course design, April 2007.
- Time management, April 2009.
- Blood donation and German transfusion directive, April 2009.
- Quality improvement orientation, September 2009.
- Facility management and fire safety orientation, September 2009.
- Infection control orientation, November 2009.
- Business problem solving and decision making, May 2010.
- Quality concepts and tools May-June 2010.
- Student assessment in medical education, September 2012.
- Understanding and implementing ISO 15189:2012, medical laboratories requirements for quality and competence, August 2015.
- Internal quality control in medical laboratories, November 2015.
- Measurement uncertainty analysis in medical laboratories, November 2015.

- The global health network: Research ethics, March 2018.
- The global health network: Introduction to reviewing genomic research, April 2018.

### **CME activities:**

- Medscape CME category 1 AMA PRA credits (1), 2006.
- Medscape CME category 1 AMA PRA credits (4), 2007.
- Medscape CME category 1 AMA PRA credits (8.25), 2008.
- Medscape CME category 1 AMA PRA credits (11.75), 2009.
- Medscape CME category 1 AMA PRA credits (25.25), 2010.
- Medscape CME category 1 AMA PRA credits (25.5), 2011.
- Medscape CME category 1 AMA PRA credits (25.0), 2012.
- Medscape CME category 1 AMA PRA credits (13.25), 2013.
- Medscape CME category 1 AMA PRA credits (26.25), 2014.
- Medscape CME category 1 AMA PRA credits (23.0), 2015.
- Medscape CME category 1 AMA PRA credits (26.6), 2016.
- Medscape CME ABIM MOC points (5.5), 2016.
- Medscape CME category 1 AMA PRA credits (17.5), 2017.
- Medscape CME ABIM MOC points (7.75), 2017.
- Medscape LOC credits (0.5), 2017.

### **Membership of Scientific Organizations:**

- South Egypt Society of Laboratory Medicine.
- Egyptian Society of Laboratory Medicine (ESLM).
- Japanese Society of Hematology (No. 17648).
- Japanese Society of Immunology (No. 545-825-9598-2).
- Japanese Society of Cancer (No. 33159).
- American Association for Advancement of Science (AAAS) 1997, 1998, 2002.

### **Trainer activities:**

- Program on “introduction to family medicine for family physicians in Qena governorate” 11/11/2006 – 8/5/2007.
- Training course on “The Medical Laboratory” in Faculty of Science-Assiut University, March 2012.
- Training course on "Laboratory Biological Safety"- department of forensic medicine and clinical toxicology- Faculty of Medicine- Assiut University, March 2013.
- Workshop on “Gene expression and basic techniques to examine it”. Center of excellence in medical research- Faculty of medicine- Assiut University, December 2022.

### **Active Participation in Scientific Meetings:**

1. The 36<sup>th</sup> Meeting of the Japanese Society of Clinical Hematology. Tokyo-Japan, Nov. 1994.
2. The 9<sup>th</sup> Symposium of Molecular Biology of Hematopoiesis and Treatment of Leukemia and Lymphoma. Genoa-Italy, June 1995.
3. The 57<sup>th</sup> Meeting of the Japanese Society of Hematology. Nagoya-Japan, June-July 1995.
4. The V<sup>th</sup> International Workshop on Multiple Myeloma. La Baule-France, Sep 1995.
5. The 37<sup>th</sup> Meeting of the Japanese Society of Clinical Hematology. Kyoto-Japan, Oct. 1995.
6. The 37<sup>th</sup> Annual Meeting of the American Society of Hematology. Seattle-USA, Dec 1995.
7. The 58<sup>th</sup> Meeting of the Japanese Society of Hematology. Tochigi-Japan, April 1996.
8. The 38<sup>th</sup> Meeting of the Japanese Society of Clinical Hematology. Omiya-Japan, Nov. 1996.
9. The 26<sup>th</sup> Annual Meeting of the Japanese Society of Immunology. Yokohama-Japan, Nov. 1996.
10. The 21<sup>st</sup> Meeting of the Japanese Myeloma Research Society. Tokushima-Japan, Nov. 1996.
11. The 37<sup>th</sup> Annual Meeting of the American Society of Hematology. Orlando-USA, Dec 1996.
12. The 56<sup>th</sup> Meeting of the Japanese Cancer Association. Kyoto-Japan, Sep 1997.
13. The 39<sup>th</sup> Annual Meeting of the American Society of Hematology. San Diego-California-USA, Dec 1997.
14. The 60<sup>th</sup> Meeting of the Japanese Society of Hematology. Osaka-Japan, March 1998.
15. The 40<sup>th</sup> Meeting of the Japanese Society of Clinical Hematology. Kanazawa-Japan, Nov. 1998.
16. The 23<sup>rd</sup> Meeting of the Japanese Myeloma Research Society. Sapporo-Japan, Oct. 1998.
17. The 40<sup>th</sup> Annual Meeting of the American Society of Hematology. Miami-Florida-USA, Dec 1998.
18. The 38<sup>th</sup> Meeting of the Japanese Society of Hematology (Chugoku-Shikoku area). Okayama-Japan, Feb. 1999.
19. The 91<sup>st</sup> Meeting of Yamaguchi University Medical Society. Ube-Japan, Feb. 1999.
20. The 61<sup>st</sup> Meeting of the Japanese Society of Hematology. Tokyo-Japan, April 1999.
21. The 41<sup>st</sup> Annual Meeting of the American Society of Hematology. -USA, Dec 1999.

22. The 18<sup>th</sup> Annual Scientific Conference of Assiut Faculty of Medicine. Assiut-Egypt, March 2000.
23. ESLM First Arab Congress. Cairo-Egypt, April 2002.
24. The VI Annual Conference of Clinical Pathology and the VII Egyptian-French Seminar of Immunology and Molecular Biology. Mansoura-Egypt, Sep 2002.
25. The 1<sup>st</sup> Annual Conference of Clinical Pathology Department-Assiut University. Assiut-Egypt, Feb 2004.
26. The 23<sup>rd</sup> Annual Scientific Conference of Assiut Faculty of Medicine. Assiut-Egypt, March 2005.
27. The XVI Annual of the Egyptian Society of Laboratory Medicine (ESLM). Cairo-Egypt, March 2005.
28. The 2nd Annual Conference of Clinical Pathology Department-Assiut University In Collaboration with Egyptian Society of Hematology, Egyptian Society of Blood Transfusion and Egyptian Society of Pediatric Hematology and Oncology. Assiut-Egypt, Sept 2005.
29. The 47<sup>th</sup> Annual Meeting of the American Society of Hematology. Atlanta-Georgia-USA, May 2005.
30. The 3<sup>rd</sup> Annual International Conference of Clinical Pathology Department-Assiut University in Collaboration with The World Federation of Hemophilia, Egyptian Society of Laboratory Medicine (ESLM) and Egyptian Society of Clinical Pathology of Upper Egypt. Assiut-Egypt, Feb 2006.
31. The XVII Annual of the Egyptian Society of Laboratory Medicine (ESLM). Cairo-Egypt, March 2006.
32. The 24<sup>th</sup> Annual Conference of Assiut University Faculty of Medicine. Assiut-Egypt, April 2006.
33. The 1<sup>st</sup> Clinical Pathology Department Conference-Zagazig University. Zagazig-Egypt, Jan 2007.
34. The 25<sup>th</sup> Annual Conference of Assiut University Faculty of Medicine (Sliver Jubilee). Assiut-Egypt, March 2007.
35. The 18<sup>th</sup> Annual of the Egyptian Society of Laboratory Medicine (ESLM). Cairo-Egypt, March 2007.
36. The 26<sup>th</sup> Annual Conference of Assiut University Faculty of Medicine. Assiut-Egypt, March 2008.
37. The 29<sup>th</sup> Annual Meeting of The Egyptian Society of Hematology (ESH) in collaboration with The Egyptian Society of Transfusion Medicine (EATM). Cairo-Egypt, Jan 2008.
38. The 11<sup>th</sup> Annual Conference of the Department of Neurology and Psychiatry-Assiut University. Assiut-Egypt, March 2008.
39. The 29<sup>th</sup> Annual Conference of Assiut University Faculty of Medicine. Assiut-Egypt, December 2012.

40. The 30<sup>th</sup> Annual Conference of Assiut University Faculty of Medicine. Assiut-Egypt, February 2013.
41. The 7<sup>th</sup> Monthly Scientific Meeting of Assiut University Faculty of Medicine. Assiut-Egypt, June 2016.
42. The 9<sup>th</sup> annual conference of Clinical pathology Department-Assiut University-Egypt, March 2017.
43. Bone marrow biopsy workshop, Clinical Pathology Dept., South Egypt Cancer Institute (SECI), September 2017.
44. The 9<sup>th</sup> Scientific meeting of the department of oncology and nuclear medicine, Assiut University Faculty of Medicine. Assiut-Egypt, December 2018.
45. The 3<sup>rd</sup> Annual conference of clinical and chemical pathology department, Faculty of medicine, Minia University- Egypt, February 2019.
46. The 11<sup>th</sup> annual conference of Clinical pathology Department-Assiut University-Egypt, February 2019.
47. The 12<sup>th</sup> annual conference of Clinical pathology Department-Assiut University-Egypt, February 2021.
48. The 13<sup>th</sup> annual conference of Clinical pathology Department-Assiut University-Egypt, March 2022.
49. Research integrity: standards and challenges. AUREC workshop, 28<sup>th</sup> March 2022.
50. The 14<sup>th</sup> annual conference of Clinical pathology Department-Assiut University-Egypt, February 2023.
51. AUREC workshop, Faculty of Science-Assiut University, 6<sup>th</sup> March, 2023.

### **Postgraduate Theses Supervision:**

#### **For master's degree:**

- 1- Study of some prognostic indicators of multiple myeloma (Clinical Pathology-Assiut University), 2002.
- 2- Predictive value of ischemia modified albumin (IMA) in patients with acute coronary syndrome (Internal Medicine-Assiut University), 2004.
- 3- Hematopoietic stem cell transplantation (Clinical Pathology-Assiut University), 2007.
- 4- Epigenetics in cancer (Clinical Pathology-Assiut University), 2008.
- 5- Multi-hit theory of oncogenesis (Clinical Pathology-Assiut University), 2011.
- 6- Verification of aberrant expression of CD7 in AML (Clinical Pathology-Assiut University), 2015.
- 7- Role of kidney injury molecule (KIM-1) and nephrin as biomarkers for early diagnosis of nephropathy in type 2 diabetes mellitus (Clinical Pathology-Assiut University), 2016.

- 8- Association of CD49d and CD44 in CLL patients and their role in prognosis (Clinical Pathology-Assiut University), 2018.
- 9- Diagnostic value and biological significance of CD71 in lymphoid disorders (Clinical Pathology-Assiut University), 2018.
- 10- Treatment with thrombopoietin mimetic plus immunosuppressive therapy in Egyptian patients with aplastic anemia (Clinical Hematology-Assiut University), 2019.
- 11- Aberrant expression of CD56 in hematologic malignancies (Clinical Pathology-Assiut University), 2021.
- 12- State of coagulation in pre-eclampsia: Comparing Sonoclot® signature analysis and specific hemostasis assay (Clinical Pathology-Assiut University), 2022.

### **For doctor degree:**

- 1- A study of serum leptin level in diabetes mellitus (type II non-insulin dependent) and obesity (Clinical Pathology-Assiut University), 2001.
- 2- Effects of rewarming rate on jugular bulb oxygenation and neuro-outcome after cardiac surgery (Anesthesiology-Assiut University), 2006.
- 3- Detection of mycobacteria in different clinical samples (Clinical Pathology-Assiut University), 2009.
- 4- The study of SALL-4 gene in acute leukemia (Clinical Pathology-Sohag University), 2012.
- 5- Serum leptin and insulin resistance in non-alcoholic fatty liver diseases (Clinical Pathology-Assiut University), 2014.
- 6- Histological study on the effect of bone marrow transplantation combined with curcumin on pancreatic regeneration in streptozotocin-induced diabetic rats (Histology-Assiut University), 2016.
- 7- Condensin expression pattern in acute myeloid leukemia (Clinical Pathology-Assiut University), 2020.
- 8- Expression of CD19 complex in lymphoproliferative disorders Clinical Pathology-Assiut University), 2021.

### **Postgraduate Theses Refereeing:**

- 1- Study of serum leptin level in diabetes mellitus (type I non-insulin dependent) and obesity Serum leptin in type II diabetes mellitus and obesity. "MD thesis – clinical pathology" Assiut university, 2005.
- 2- The study of SALL-4 gene in acute leukemia (Clinical Pathology-Sohag University), 2012.
- 3- Hematopoietic stem cell transplantation in multiple myeloma. "Master thesis – clinical pathology" South Egypt Cancer Institute (SECI), Assiut University, 2013.



- 4-** Genetic study of thiopurine-S-methyl transferase enzyme and other genetic markers in Egyptian pediatric patients with acute lymphoblastic leukemia maintained on 6-mercaptopurine drug. "MD thesis - pharmacology", Assiut University, 2015.
- 5-** Hormonal dysfunction in hemoglobinopathies. "MSc thesis – clinical pathology", Assiut University, 2015.
- 6-** Targeting protein degradation pathway for therapeutic benefits in multiple myeloma. "MD thesis - clinical pathology" Assiut university, 2015.
- 7-** Detection of ABCB1 polymorphisms in breast cancer by high resolution melting curve analysis and its association with clinical, radiological outcome and drug resistance. "MD thesis - clinical pathology", South Egypt Cancer Institute (SECI), Assiut University, 2013.
- 8-** Pharmacogenomic analysis of inosine triphosphatase gene (ITPA) in Egyptian patients with chronic hepatitis C infection and its relation to ribavirin-induced hemolytic anemia. "MD thesis – Pharmacology", Assiut University, 2017.
- 9-** Non-invasive prenatal diagnosis of  $\beta$ -thalassemia by detection of the cell-free fetal DNA in maternal circulation. "MSc thesis – clinical pathology, Sohag University, 2018.
- 10-** Characterization of novel sequence variants identified in type-1 von Willebrand disease patients. "MD thesis – Clinical pathology", Assiut University, 2018.
- 11-** Condensin expression pattern in acute myeloid leukemia "MD thesis – clinical pathology", Assiut University, 2020.
- 12-** Characterization of TP53 and PPM1D gene mutations in myeloid neoplasms. "MD thesis – Clinical pathology", Assiut University, 2021.
- 13-** Evaluation of new markers for minimal residual disease in Precursor B acute lymphoblastic leukemia. "MSc thesis- Clinical Pathology, SECI", Assiut University, 2021.
- 14-** PCM1 Jak2 fusion gene detection in therapy related MDS/AML patients. "MD thesis – Clinical pathology", Assiut University, 2024.
- 15-** SRSF2 gene mutation in patients with therapy related myelodysplastic syndromes / acute myeloid leukemia. "MD thesis – Clinical pathology", Assiut University, 2024.
- 16-** Amplification of Zinc-finger protein 217 gene in multiple myeloma patients as a prognostic marker. "MD thesis – Clinical pathology", Assiut University, 2024.
- 17-** The prevalence of HBB c.93-21 G-A gene mutation in suspected cases of  $\beta$  Thalassemia in Assiut University Hospitals. "MSc thesis-clinical Pathology", Assiut University, 2024.

## **Authorship of book chapters:**

- Ethical considerations in genetic and genomic research, *In: The comprehensive guide in research integrity*, Assiut University (2023).

## **List of publications**

**1- Assay of blood lipids in cases of myeloid leukemia.** Master thesis  
Maged Salah Mahmoud, 1989, Assiut University.

**2- Apolipoproteins in chronic myeloid leukemia.**

Sawsan I Elwan, Khadega A Shafi, O. B. Seddik, Zeinab A. Hafez, Amina M. Mostafa and Maged Salah Mahmoud.  
**Egypt J Lab Med**, 2 (2): 187-197, July 1990.

**3- Expression of CD21 antigen on myeloma cells and its involvement in their adhesion to bone marrow stromal cells.**

Naihui Huang, Michio M Kawano, Maged S Mahmoud, Keiichiro Mihara, Takako Tsujimoto, Otsura Niwa, and Atsushi Kuramoto.  
**Blood**, 85 (12): 3704-3712, June 1995.

**4- High proportions of VLA-5- immature myeloma cells correlated well with poor response to treatment in multiple myeloma.**

Michio M Kawano, Maged S Mahmoud, Naihui Huang, Igor A. Lisukov, Keiichiro Mihara, Takako Tsujimoto, and Atsushi Kuramoto.  
**British Journal of Haematology**, 91 (1): 860-864, Sep 1995.

**5- Identification of early plasma cells in peripheral blood and their clinical significance.**

Yuka Harada, Michio M Kawano, Naihui Huang, Maged S Mahmoud, Igor A. Lisukov, Keiichiro Mihara, Takako Tsujimoto, and Atsushi Kuramoto.  
**British Journal of Haematology**, 92 (1): 184-192, Jan 1996.

**6- Cell biological study in multiple myeloma among atomic bomb survivors.**

**8) A new phenotypic classification of bone marrow plasmacytosis (Japanese).**

Michio M Kawano, Naihui Huang, Maged S Mahmoud, and Atsushi Kuramoto.  
**Hiroshima Igaku**, 49 (3): 340-342, Mar 1996.

**7- Plasma cells induce apoptosis of Pre-B cells by interacting with bone marrow stromal cells.**

Takako Tsujimoto, Igor A. Lisukov, Naihui Huang, Maged S Mahmoud, and Michio M Kawano.

**Blood**, 87 (8): 3375-3383, Apr 1996.

**8- Altered expression of Pax-5 gene in human myeloma cells.**

Maged S Mahmoud, Naihui Huang, Masahara Nobuyoshi, Igor a. Lisukov, Hideo Tanaka, and Michio M Kawano.

**Blood**, 87 (10): 4311-4315, May 1996.

**9- Cloning and analysis of the human Pax-5 gene promoter.**

Maged S Mahmoud and Michio M Kawano.

**Biochem Biophys Res Comm**, 288 (1): 159-164, Nov 1996.

**10- Cyclin D1 and p16<sup>INK4A</sup> are preferentially expressed in immature and mature myeloma cells, respectively.**

Michio M Kawano, Maged S Mahmoud, and Hideaki Ishikawa.

**British Journal of Haematology**, 99 (1): 131-138, Oct 1997.

**11- Induction of CD45 expression and proliferation in U-266 myeloma cell line by interleukin-6.**

Maged S Mahmoud, Hideaki Ishikawa, Ryuichi Fujii, and Michio M Kawano.

**Blood**, 92 (1): 3887-3897, Nov 1998.

**12- MPC-1- CD49e- immature myeloma cells included CD45+ subpopulations that can proliferate in response to IL-6 in human myelomas.**

Ryuichi Fujii, Hideaki Ishikawa, Maged S Mahmoud, Hideki Asaoku, and Michio M Kawano.

**British Journal of Haematology**, 105 (1): 131-140, 1999.

**13- Enforced CD19 expression leads to growth inhibition and reduced tumorigenicity.**

Maged S. Mahmoud, Ryuichi Fujii, Hideaki Ishikawa, and Michio M Kawano.

**Blood**, 94 (10): 3551-3558, Nov 1999.

**14- Proliferation of immature plasma cells by interleukin-6 is associated with CD45 expression in human multiple myeloma.**

Ishikawa H., Mahmoud MS, Fujii R, Abroun S, and Kawano MM.

**Leuk Lymphoma**, 39(1-2): 51-5, Sep 2000.

**15- CD19 expression and growth inhibition of tumours in human multiple myeloma.**

Ishikawa H, Tsuyama N, Mahmoud MS, Fujii R, Abroun S, Liu S, Li FJ, and Kawano MM.

**Leuk Lymphoma**, 43(3): 613-6, Mar 2002.

**16- The role of flow cytometry in the diagnosis and prognosis of multiple myeloma.**

Maged S Mahmoud.

**Egypt J Lab Med**, Proc. Of the 1<sup>st</sup> Arab Congress of ESLM, 14: 297-309, April 2002.

**17- Role of plasmapheresis and cytokines (IL-1 $\beta$ , TNF- $\alpha$  and IL-6) in active rheumatoid arthritis.**

Elham A. Ali, Ayat M El Nazer, Maged S Mahmoud, Mohamed G Abd-Elmetaal, Tisser M Khader, and Zahraa I Abou-Eloyoun.

**Egypt J Lab Med**, 15 (2): 301-314, June 2003.

**18- Prevalence of Hepatitis C virus genotype 4 in blood donors in Upper Egypt.**

Rashed HG, Maged S Mahmoud, and Ezz El Deen AM.

**Egypt J Med Microbiol**, 12 (4): 849-835, Oct. 2003.

**19- Evaluation of some methods of DNA extraction for genotypic diagnosis of *Mycobacterium tuberculosis*.**

Hebat-allah G. Rashed, Maged S. Mahmoud, Azza M. Ezz El-Din, and Lubna M. Tag.

**Egypt J Med Microbiol**, 13 (2): 355-361, April 2004.

**20- Homocysteine and von Willebrand factor in type II diabetes mellitus.**

Monazzama Abdel-Aal, Hanan M Ahmad, Lubna Tag El-Deen, Maged S Mahmoud, Mohammed Saad, Omnia Abel-Moneum, Hanan Omar, and Nermin Hamdi Gales.

**Assiut Med J**, 22: 105-122, May 2004.

**21- Serum IL-2 and platelet-associated immunoglobulins are good prognostic markers in immune thrombocytopenic purpura.**

Lubna M Tag, Azza M Ezz-eldin, Maged S Mahmoud, Hebat-allah G Rashed, and Hanan A Noaman.

**Egypt J Immunol**, 11 (2): 121-132, June 2004.

**22- Hypermethylation of the PAX5 gene promoter and its implication in the pathogenesis of multiple myeloma.**

Maged S Mahmoud, Tag LM, Kamal TM, Rashed HG, Tohamy WM, Ezz-eldin AM, and Osman OSB.

**Assiut Med J**, 28 (3): 35-46, Sep. **2004**.

**23- Mutant p53 in hepatocellular carcinoma: The roles of exposure to hepatitis B and C infection and aflatoxin.**

Hamed A Soliman, Medhat A, Ahmad K Mostafa, Omnia Abd El-Moneim, Shaaban R Helal, Maged S Mahmoud, Zaki S, Tahra K Sherif, Hanan Omar, and Hesham Abd El Raheem.

**Assiut Med J**, Assiut Faculty of Medicine 23<sup>rd</sup> Annual Conference 7-10 March **2005**, 1-16.

**24- The loss of CD19 in myeloma cells contributes to the escape from FcγRII-mediated growth suppression.**

Xu Zheng, Maged S Mahmoud, Saeid Abroun, Hideki Asaoku, and Michio M. Kawano.

**Blood** (ASH Annual Meeting Abstracts) Nov. **2005** (106): Abstract 5054.

**25- Non-alcoholic steatohepatitis in type-2 diabetes mellitus and its non-invasive predictors.**

Salwa S El-Gendi, Thanaa El-Meligy, Noor Al-Deen A Al-Hofney, Thanaa M Sotouhy, Maged S Mahmoud, Mohammed Z Hafez, and Ahmed I Ziada.

**The Egyptian Journal of Gastroenterology**, 13 (1): 99-115, Jan. **2006**.

**26- Leptin in obesity and type II diabetes mellitus: The merits of molecular methods in understanding pathogenesis.**

Neveen A Hassan, Maged S Mahmoud, Hala K El-Sherief, and Heba A Abd El-Hafeez.

**Assiut Med J**, 30 (2): 37-50, May **2006**.

**27- Role of IL-6, sIL6R, TNF-α, and B2M in pathophysiology and prognosis of multiple myeloma.**

Hamed A Soliman, Mohamed A Mekkawy\*, Ahmed K Mostafa, Somaia A Mohamed, Maged S Mahmoud, Omnia A Mohamed, Madeeha Y Bakheet, Hesham A Abdel-Baset, and Amal A Mahmoud.

**Assiut Med J**, 31 (1): 145-156, Jan, **2007**.

**28- Predictive value of ischemia modified albumin (IMA) in patients with acute coronary syndromes (ACS).**

Alaa A Moneim, Abdallah I Keelany, Mahmoud K Farrag, Maged S Mahmoud, and Shehata Ahmed.

**Med J Cairo University**, 75 (4) Suppl (11): 13-20, December **2007**.

**29- Metabolic changes in obese patients with and without diabetes mellitus.**

Hala K El-Shereef, Neveen A Hasan, Maged S Mahmoud, and Heba A Abdel-Hafeez.

**Egyptian J Applied Endocrinology**, 26 (1 & 2): 221-239, July **2008**.

**30- MYC Responsible for down-Regulation of CD33 Expression in Human Myeloma Cells.**

Karim Shamsasenjan, Ken-ichiro Otsuyama, Mohd S. Iqbal, Maged S. Mahmoud, Michio M. Kawano

**Blood** (ASH Annual Meeting Abstracts) Nov. **2008** (112): Abstract 5116.

**31- IL-6-induced activation of MYC is responsible for the down-regulation of CD33 expression in CD33 (+) myeloma cells.**

Karim Shamsasenjan, Ken-ichiro Otsuyama, Saeid Abroun, Mohd S Iqbal, Maged S Mahmoud, Hideki Asaoku, and Michio M. Kawano.

**International Journal of Hematology**, 89 (3): 310-318, April **2009**.

**32- Constitutively lower expressions of CD54 on primary myeloma cells and their different localizations in bone marrow.**

Mohd S. Iqbal, Ken-Ichiro Otsuyama, Karim Shamsasenjan, Hideki Asaoku, Maged S. Mahmoud, Toshikazu Gondo, and Michio M. Kawano.

**Eur J Haematology**, 83: 302-312, May, **2009**.

**33- Tumor necrosis factor-alfa and monocyte chemoattractant protein-1 gene polymorphisms in kidney transplant recipients.**

Ebtesam M. El-Gezawy, Eman Nasr Eldin, Wafaa S. Mohamed, Maged S Mahmoud, Seham Ahmed Saied, Hanan Hareth Abd El-Latif, Maha Atwa Ibrahim.

**Saudi J Kidney Dis Transpl**, 24(4):688-695, **2013**.

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