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## Curriculum Vitae

### **Personal Details**

**Name:** Manal Abd El-Aziz Mohamed Safan

**Sex:** Female

**Date of Birth:** January 8, 1972

**Social status:** Married, 3 children.

**Address:** Al-Rehab city- New Cairo - Egypt

**Nationality:** Egyptian

**Religion:** Muslim.

**Current position:** Professor of Medical Biochemistry and molecular biology-  
Medical Biochemistry and Molecular Biology Department, Faculty of Medicine -  
Menoufia University- Egypt

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### **Qualifications**

- 1- ***M.B.B.Ch.*** (Medical Bachelors and Bachelors of Churgia) in Medicine and Surgery, November 1995, Menoufia University-Egypt and was signed "Very good with Honor".
- 2- ***M.Sc.*** (Master's Degree in Clinical Biochemistry), April 2002, Menoufia University – Egypt and was signed Very Good.
- 3- ***M.D.*** (Doctorate Degree in Clinical Biochemistry), April 2006, Menoufia University - Egypt

### **Posts & Appointments**

- 1- ***Intership:*** From 1/3/1996 till 28/2/1997 at Menoufia University Hospital – Egypt.
- 2- ***General Practitioner:*** From 1/3/1997 till 31/10/1997, Ministry of Health Hospitals, Egypt.
- 3- ***Resident of ENT surgery department:*** for seven months from 1/11/1997 till 31/5/1998 at Menoufia University Hospital - Egypt.
- 4- ***Demonstrator of Medical Biochemistry and Molecular Biology:*** from 1/6/1998 till 8/2002 in Medical Biochemistry and Molecular Biology Department, Faculty of Medicine- Menoufia University – Egypt.
- 5- ***Assistant Lecturer of Medical Biochemistry and Molecular Biology:*** from 9/2002 till 7/2006 in Medical Biochemistry and Molecular Biology Department, Faculty of Medicine – Menoufia University – Egypt.
- 6- ***Lecturer of Medical Biochemistry and Molecular Biology:*** from 8/2006 till 9/2011, at Medical Biochemistry and Molecular Biology Department, Faculty of Medicine - Menoufia University – Egypt.
- 7- ***Assistant Professor of Medical Biochemistry and Molecular Biology:*** from 9/2011 till 11/2016, at Medical Biochemistry and Molecular Biology Department, Faculty of Medicine - Menoufia University – Egypt.
- 8- ***Professor of Medical Biochemistry and Molecular Biology:*** from 12/2016 till now, at Medical Biochemistry and Molecular Biology Department, Faculty of

### **Scientific experience**

- 1- **Master thesis** titled "Evaluation of AFP measurement by different methodology" 2001, faculty of medicine, Menoufia University.
- 2- **MD thesis** titled "Diagnostic significance of Vascular Endothelial Growth Factor (VEGF) and interleukin-6 (IL-6) in breast cancer" 2006, Faculty of Medicine, Menoufia University.
- 3- **Conference speaker:**
  - In the 24<sup>th</sup> annual scientific conference of the Egyptian society of biochemistry and molecular biology by presenting:
    - a- Study of serum nitric oxide, soluble FAS and total sialic acid in patient with liver cirrhosis and their correlation with the stage and complications of the disease.
    - b- Evaluation of autoantibodies against oxidized LDL and antioxidant status in psoriasis.
  - In the 1<sup>st</sup> annual meeting of medical biochemistry and molecular biology department, Cairo University, 30 March, 2013 by presenting:
    - a- Urinary cytokeratin (20) mRNA as a diagnostic tool for bladder cancer (Poster).
    - b- Evaluation of serum omentin-1 and visfatin levels in women with polycystic ovary syndrome.
  - In the 13<sup>th</sup> International conference on thalassemia and hemoglobinopathies (15<sup>th</sup> TIF International conference for parents and patients, Abu Dhabi National Exhibition center, 20<sup>th</sup> – 23<sup>rd</sup> October 2013, by presenting:
    - a- Lipoprotein-associated phospholipase A2 and tumor necrosis factor-alpha as biomarkers of premature atherosclerosis in A-thalassemic children (oral presentation).
  - In the 2<sup>nd</sup> annual meeting of medical biochemistry and molecular biology department, Cairo University, 22 March, 2014 by presenting:
    - a- Relation between rs11788747 single nucleotide polymorphism of RECK gene and hepatocellular carcinoma in Egypt.
    - b- Haptoglobin genotype in beta-thalassemia children; relation to carotid intima media thickness.
- 4- **Conference attendance:**
  - Eleventh annual Molecular Medicine "Pathophysiology of growth and differentiation of the stem of cancer", 13 November, 2009, The Netherlands.
  - Attending many conferences in Egypt such as; The annual scientific conference of the Egyptian society of Biochemistry and Molecular Biology, the annual meeting of medical biochemistry and molecular biology department of Cairo University, the annual conference of Laboratory Medicine, the annual conference of Menoufia Faculty of Medicine, the annual conference of Clinical Pathology of Menoufia University, the annual Hematology congress, and the annual conference of Mansoura faculty of Medicine.

### **Professional skills**

- Training and research work in Oncological Research Laboratories of the Josephine Nefkens Institute, Erasmus MC University Medical Center Rotterdam, The Netherlands.
- Training and research work in the Andrology and IVF units of Erasmus Medical Center Rotterdam, The Netherlands
- Excellent English language skills, both spoken and written.
- Excellent experience in designing and delivering lectures, seminars, and tutorials.
- Advanced computer skills (Word, Excel, PowerPoint etc).

### **Research Laboratory**

- Director of the Research Laboratory, Medical Biochemistry Department, Faculty of Medicine - Menoufia University.
- Director of the Central Laboratory, Faculty of Medicine - Menoufia University.

### **Practical experience**

- 1- **Msc Thesis:** During the demonstration period I performed a master degree thesis for the evaluation of AFP measurement by different methodology in patients with hepatocellular carcinoma, by using two different methods ELISA and Chemiluminescence and as titled; "Evaluation of AFP measurement by different methodology".
- 2- **Assistant lecturer practical experience:** During the duration of assistant lecturer, MD thesis was done that titled "Diagnostic significance of Vascular Endothelial Growth Factor (VEGF) and interleukin-6 (IL-6) in breast cancer".
- 3- **Special practical experience:** Excellent experience in ELISA, real time PCR, general molecular biology techniques, DNA extraction and electrophoresis, DNA sequencing, and chromatography. Assessment of sperm DNA fragmentation in human, Semen preparations for intrauterine insemination and IVF techniques.

### **Educational experience**

#### **Seminars:**

Participation and attending the different seminars in the field of Biochemistry and Molecular Biology.

#### **Teaching interests:**

Theoretical and practical teaching of "Medical Biochemistry, and Molecular Biology" and designing exam questions for assessment of undergraduate and postgraduate students (Faculty of Medicine, Menoufia University).

#### **Item bank:**

Performing the following tasks during formation, revision, and arrangement of item bank in the department of Medical Biochemistry and Molecular Biology, Faculty of Medicine, Menoufia University:

- Attendance of the "Assessment Development training course, Basic level", for 15 hours (offered by the Assessment Development Committee in the faculty).

- Attendance of the “Assessment Development training course, Advanced level”, for 23 hours (offered by the Assessment Development Committee in the faculty).
- Formation of different questions in Medical Biochemistry and Molecular Biology Department according to the most recent methods of medical education.
- Participation in the revision of questions formed by all staff members in Medical Biochemistry and Molecular Biology Department being officially commissioned by the Dean to be a member of the revision team for the item bank in the department.
- Participation in the arrangement of questions in the item bank of Medical Biochemistry and Molecular Biology Department regarding criteria which must be fulfilled.

**Exams:**

Sharing in the exams of undergraduate and postgraduate students (Faculty of Medicine, Menoufia University).

**Supervision of master and MD thesis:**

In Medical Biochemistry and Molecular Biology

**Books:**

- Sharing in the preparation of the “Medical Biochemistry book” for 1st and 2nd year students (Faculty of Medicine, Menoufia University).
- Sharing in the preparation of the “Medical Biochemistry book” for the postgraduates (Faculty of Medicine, Menoufia University).
- Sharing in the preparation of the “Medical Biochemistry book” for undergraduate students (Faculty of Dentistry, Menoufia University).
- Sharing in the preparation of the “Basic nutrition and metabolism book” for undergraduate students (Faculty of Applied Health Science Technology, Menoufia University).

**Control**

Participation in the undergraduate medical students and M.Sc. Exam-Control Project.

The head of the postgraduate studies control, Faculty of Medicine-Menoufia University.

**Quality assurance and accreditation**

- Participation in the internal auditing of different faculty departments (2010, 2015, 2020).
- Attending and participation in the workshop of "Reference Standard" (2010, 2015, 2020).
- Attending and participation in the workshop of "Internal Auditing" (2010, 2015, 2020).

## **Activities**

**2003**, Grantee a certificate for attending the course of "University Teacher Preparation program", on October, 2003, Menoufia University, Egypt.

**2003**, Grantee a certificate for having successfully passed the module of concepts of IT and internet, Menoufia University, Egypt.

**2004**, Grantee a certificate for attending the course (Skills of thinking) for 3 days (from 18/12/2004 to 20/12/2004) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2004**, Grantee a certificate for attending the course (Skills of efficient communication) for 3 days (from 21/12/2004 to 23/12/2004) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2004**, Grantee a certificate for attending the course (Skills of scientific research) for 3 days (from 28/12/2004 to 30/12/2004) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2005**, Grantee a certificate for attending the course (Efficient teaching) for 5 days (from 09/01/2005 to 13/01/2005) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2005**, Grantee a certificate for having successfully passed the module of using the computer in statistical analysis of data, Menoufia University, Egypt.

**2005**, Grantee a certificate for attending the course (Ethics of the education profession) for 5 days (from 30/04/2005 to 04/05/2005) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2005**, Grantee a certificate for attending the course (Skills of efficient show) for 4 days (from 14/05/2005 to 17/05/2005) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2006**, Grantee a certificate for attending the course (Organization and writing scientific research) for 3 days (from 19/11/2006 to 21/11/2006) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2006**, Grantee a certificate for attending the course (Course design) for 3 days (from 26/11/2006 to 28/11/2006) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2006**, Grantee a certificate for active participation in the 14<sup>th</sup> Zagazig annual congress (Family medicine-a national strategy), November, 2006.

**2006**, Grantee a certificate for attending the course (Preparation of research project) for 3 days (from 03/12/2006 to 05/12/2006) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2006**, Grantee a certificate for attending the course (Using technology in teaching) for

3 days (from 10/12/2006 to 12/12/2006) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2007**, Grantee a certificate for attending the course (Credit hour system) for 3 days (from 28/01/2007 to 30/01/2007) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2007**, Grantee a certificate for attending the course (Legal aspects in Universities) for 3 days (from 15/04/2007 to 17/04/2007) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2007**, Grantee a certificate for active participation in the activities of the annual scientific congress of the Egyptian society of biochemistry and molecular biology (ESBMB) (New approaches and future challenges in biochemistry and molecular biology), during the period from 19-20 April, Cairo, Egypt.

**2007**, Grantee a certificate for active attending the 14<sup>th</sup> scientific annual conference of Menoufia Faculty of Medicine (Integrated management for diabetic patients), 16/05/2007, Shebin El-Kom, Egypt.

**2007**, Grantee a certificate for attending the 5<sup>th</sup> scientific day of Urology department in collaboration with the Egyptian Urological Association on the topic urinary diversion, at 21<sup>st</sup> June, Faculty of Medicine, Menoufia University, Egypt.

**2008**, Grantee a certificate for active participation in the Annual scientific international conference of the Egyptian society of biochemistry and molecular biology (ESBMB) (Human genome: A revolution in modern Biochemistry and Molecular Biology), during the period from 22-23 April, Cairo, Egypt.

**2008**, Grantee a certificate for attending the 15<sup>th</sup> scientific annual conference of Menoufia Faculty of Medicine (Safe nutrition) 24/04/2008, Shebin El-Kom, Egypt.

**2009**, Grantee a certificate for attending and active participation in pediatric dermatology symposium by ministry of Health, Council of Dermatology Departments, during the period from 20-22 October, Kuwait.

**2009**, Grantee a certificate for participation in the Josephine Nefkens symposium "The Stem of Cancer" on November 13, 2009 in Rotterdam.

**2009**, Grantee a certificate for following a training in the Andrology and IVF units of Erasmus Medical Center Rotterdam, The Netherlands from November 12 to 23, 2009.

**2009**, Grantee a certificate for receiving training and practical skills and learning about the theoretical background of the different Molecular biology techniques, Nucleic acid purifications, RT-PCR, Western blotting techniques, Cloning and sequencing, electrophoresis, Immunohistochemistry and immunofluorescence and Tissue culturing techniques. Organized by the Oncological Research Laboratories of the Josephine Nefkens Institute of Erasmus MC- University Medical Center Rotterdam, The Netherlands, from November 12 till November 21, 2009.

**2011**, Grantee a certificate for attending the course (Quality standards in the teaching process) for 3 days (from 27/11/2011 to 29/11/2011) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2012**, Grantee a certificate for attending the course (Strategic Planning) for 3 days (from 05/02/2012 to 07/02/2012) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2012**, Grantee a certificate for active participation in the Annual scientific international conference of the Egyptian society of biochemistry and molecular biology (ESBMB) (Recent advances in biochemistry and molecular biology), during the period from 19-20 April, Cairo, Egypt.

**2012**, Grantee a certificate for attending the 19<sup>th</sup> scientific annual conference of Menoufia Faculty of Medicine (Quality of medical education) 13<sup>th</sup> May 2012, Shebin El-Kom, Egypt.

**2012**, Grantee a certificate for attending the course (Undergraduate Management) for 3 days (from 15/07/2012 to 17/07/2012) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2012**, Grantee a certificate for attending the course (Local and global competitive research projects) for 3 days (from 29/07/2012 to 31/07/2012) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2012**, Grantee a certificate for attending the course (Financial and legal aspects of the undergraduate Business) for 3 days (from 05/08/2012 to 07/08/2012) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2013**, Grantee a certificate for attending the course (The research team management) for 3 days (from 27/10/2013 to 29/10/2013) by Faculty and Leadership Development Project (FLDP), Menoufia University, Egypt.

**2013**, Grantee a certificate for attending the 1st annual meeting of medical biochemistry and molecular biology department, Cairo University, 30 March, 2013.

**2013**, Grantee a certificate for attending the workshop (Stem cell workshop) for 2 days (1-2 April), the learning resource center, Kasr Alainy Faculty of Medicine, Cairo University, Egypt.

**2013**, Grantee a certificate for attending the 20<sup>th</sup> scientific annual conference of Menoufia Faculty of Medicine (Quality of health services in University Hospitals) 26<sup>th</sup> May 2013, Shebin El-Kom, Egypt.

**2014**, Grantee a certificate for attending the course (Methods of assesment) for 3 hours (15<sup>th</sup> March) by training unit, Faculty of Medicine, Menoufia University, Egypt.

**2014**, Grantee a certificate for attending the workshop (Real time PCR array workshop) for 2 days (19-20 March), the learning resource center, Kasr Alainy Faculty of Medicine, Cairo University, Egypt.



**2014**, Grantee a certificate for attending the 2nd annual meeting of medical biochemistry and molecular biology department, Cairo University, 22 March, 2014.

**2014**, Grantee a certificate for attending the 21<sup>st</sup> scientific annual conference of Menoufia Faculty of Medicine (Nosocomial infections) 7<sup>th</sup> May 2014, Shebin El-Kom, Egypt.

**2015**, Grantee a certificate for attending the workshop organized by Arabic Association of Medical Education & Training (AAMET) entitled (Teaching skills in Medical Education), Faculty of Medicine, Menoufia University, Egypt.

**2015**, Grantee a certificate for attending the workshop organized by Arabic Association of Medical Education & Training (AAMET) entitled (Problem solving in Medical Education), Faculty of Medicine, Menoufia University, Egypt.

**2016**, Grantee a certificate for attending the 3rd annual conference of medical biochemistry and molecular biology department, Kasr Al Ainy School of Medicine, Cairo University, 12 March, 2016.

**2016**, Grantee a certificate for attending the 23<sup>rd</sup> scientific annual conference of Menoufia Faculty of Medicine (Stem cells & Organ transplantation) 12<sup>th</sup> to the 16<sup>th</sup> of April 2016, Shebin El-Kom, Egypt.

**2017**, Grantee a certificate for attending the 24<sup>th</sup> scientific annual conference of Menoufia Faculty of Medicine (Together against cancer) 13<sup>th</sup> to the 15<sup>th</sup> of March 2017, Shebin El-Kom, Egypt.

**2017**, Grantee a certificate for attending and completing the training program organized by Medical Education and Human Resources Development (MEHRD) center entitled "Assessment Development course", 6, 18, 20 December 2017 for 15 hours.

**2018**, Grantee a certificate for attending and completing the training program conducted by Assessment Development Committee entitled "Assessment Development advanced level" held in the period from 12<sup>th</sup> to 27<sup>th</sup> February 2018 for 23 hours.

**2018**, Grantee a certificate for attending the scientific meeting of Medical Biochemistry and Molecular Biology Department entitled "Molecular techniques: PCR array and micro-RNA" 14<sup>th</sup> March 2018.

**2019**, Grantee a certificate for attending the training course of assessment level C conducted by Measurement and Assessment Unit entitled "Writing single best answer items, Writing vignettes, Angoff method, Script Concordance Test and OSPE" on 12, 13, 20 February 2019.

**2022**, Grantee a certificate for attending the 27<sup>th</sup> scientific annual conference of Menoufia Faculty of Medicine (COVID-19, Where we are?) 22<sup>nd</sup> to the 24<sup>th</sup> of March 2022, Shebin El-Kom, Egypt.

## **Publications**

- 1- **Manal A. Safan, Eman A.E. Badr, Ghada E.Hamoda and Mohamed A. Gaber (2008)**: Evaluation of autoantibodies against oxidized LDL and antioxidant status in psoriasis. The Egyptian journal of biochemistry and molecular biology (EJBMB). 26: 311-321.
- 2- **Maathir K. Elshafie, Eman A.E. Badr, Manal A. Safan, Tarek Korah and Sawsan El-Sayed (2008)**: Study of serum nitric oxide, soluble fas and total sialic acid levels in patients with liver cirrhosis and their correlation with the stage and complications of the disease. Bulletin of Alexandria Faculty of Medicine. 44 (1): 13–21.
- 3- **Manal A. Safan and Gert J. van Steenbrugge (2009)**: Evaluation of serum level and mRNA expression of soluble CD44 standard and CD44 variant 5 in patients with Wilms' tumours. Zagazic University Medical Journal. vol. 15. No. 3: 54-64.
- 4- **Manal A. safan, Maathir K. Elshafie and Samar Gaber (2009)**: Serum levels of hyaluronic acid (HA) and cartilage oligomeric matrix protein (COMP). Predictors of disease progression in rheumatoid arthritis. Bulletin of Egyptian society for physiological sciences. 29 (2): 165–178.
- 5- **Mazen A. Ghanem, Rien J.M. Nijman, Manal A. Safan, Theodorus H. vanDer Kwast and Gert J. vanSteenbrugge (2010)**: Platelet-derived growth factor-AA and its receptor- $\alpha$  predict for favoruable prognosis in nephroblastoma. BJU International. 106 (9): 1389-1393.
- 6- **Manal A. Safan and Yasser M. ElShehawy (2010)**: Evaluation of Serum anti-mullerian hormone (AMH) and plasma metastin levels in women with polycystic ovary syndrome (PCOS). Menoufia Medical Journal. Vol. 23 No. 1 Jan. 57-68.
- 7- **Mazen A. Ghanem, Manal A. Safan and Maathir K. El-Shafie (2010)**: Human testicular insulin- like factor 3 (INSL-3) as a tool in the evaluation of infertile men with cryptorchidism. The Arab Journal Of Laboratory Medicine. Accepted for publication on 1st December, 2010, in vol. 38 No.,1.
- 8- **Mazen A. Ghanem, Manal A. Safan, Ashraf Ghanem and Dohle G. R. (2011)**: The role of varicoceles sclerotherapy in men with severe oligo-asthenoteratozoospermia. Asian Journal of Andrology. Accepted for publication on April, 18 (2011).
- 9- **Mazen A. Ghanem, Theo H. van der Kwast, Molenaar V.M., Manal A. Safan, Rien J. Nijman and Gert J. van Steenbrugge (2011)**: The predictive value of immunohistochemical markers in untreated Wilms' tumour: are they useful? WJU. Pulpished on line, May (2011).
- 10- **Manal A. Safan and Mazen A. Ghanem (2011)**: The Prognostic significance of galectin-3 and P-selectin in transitional cell carcinoma of the urinary bladder. The Egyptian journal of biochemistry and molecular biology

(EJBMB). Vol.29: 157-174.

- 11- **Elsayed S. Abou Elnour, Azza M. Abdulllah, Maathir K. ElShafie, Manal A. Safan, Eman A. E. Badr, Walid A. Shehab-Eldin and May el Daly (2012):** Study of the Relation between -344 C/T Aldosterone Synthase Gene Polymorphism and Chronic Renal Failure. The Egyptian journal of biochemistry and molecular biology (EJBMB). 26: 311-321.
- 12- **Korah TE, El-Sayed S, Elshafie MK, Hammoda GE, Safan MA (2013):** Significance of serum leptin and adiponectin levels in Egyptian patients with chronic hepatitis C virus associated hepatic steatosis and fibrosis. World J Hepatol. 27;5(2):74-81.
- 13- **Tarek F Abd El-Akim, Maathir K El-Shafie, Manal A Safan, Ashraf A Dawood, Sally M El-Hefnawy, Abd El-Aleem M El-Deraee and Asmaa G Abdou (2013):** Urinary cytokeratin 20 mRNA as a diagnostic tool for bladder cancer. The Egyptian journal of biochemistry and molecular biology (EJBMB).
- 14- **Manal A. Safan and Ashraf A. Ghanem (2013):** Evaluation of serum omentin-1 and visfatin levels in women with polycystic ovary syndrome. The Egyptian journal of biochemistry and molecular biology (EJBMB).
- 15- **Ragab SM, Safan MA, Badr EA and Ebeid OM (2014):** Haptoglobin genotypes polymorphism as a risk factor for subclinical atherosclerosis in beta-thalassemia major children; a single center Egyptian study. Hematology. 2014 Dec 26.
- 16- **Ragab SM, Safan MA and Badr EA (2015):** Study of serum haptoglobin level and its relation to erythropoietic activity in Beta thalassemia children. Mediterr J Hematol Infect Dis. 15;7(1):e2015019.
- 17- **Ragab SM, Safan MA, Obeid OM and Sherief AS (2015):** Lipoprotein-associated phospholipase A2 (Lp-PLA2) and tumor necrosis factor-alpha (TNF- $\alpha$ ) and their relation to premature atherosclerosis in  $\beta$ -thalassemia children. Hematology. 20(4):228-238.
- 18- **Manal A. Safan and Ashraf A. Ghanem (2015):** Association between polymorphisms of XRCC1 and TP53 genes and endometriosis. British Journal of Medicine and Medical Research. 6(10):999-1007.
- 19- **Naglaa M. Ghanayem, Manal A. Safan, Safaa I. Tayel, Shaimaa E. Genenaand Seham M. Ragab (2015):** Serum Hepcidin Level and Disease Course of Acute Leukemia in Children. The Egyptian journal of biochemistry and molecular biology (EJBMB). 33: 52-67.
- 20- **Hisham E. Abd El Aaty, Aml A. Abd El Aziz, Mahmoud M. El Habashy, Manal A. Safan and Seham A. Abd El hamed (2015):** Assessment of Serum Vitamin D in Patients with Bronchial Asthma. Egyptian Journal of Chest Diseases and Tuberculosis. 64(1): 1-5.

- 21-El Sebay HM, Safan MA, Daoud AA, Tayel SI, A Nouh M and El Shafie S (2016):** Association of factor V Leiden, Janus kinase 2, prothrombin, and MTHFR mutations with primary Budd-Chiari syndrome in Egyptian patients. *J Gastroenterol Hepatol.* 31(1):235-240.
- 22- Manal A Safan and Alaa A El-Sisi (2016):** Association of trinucleotide-repeat-containing 9 (TNRC9) SNP with the risk of breast cancer in Egyptians. *The Egyptian Journal Of Biochemistry And Molecular Biology.* Accepted for publication on 12/2016.
- 23- Manal A Safan, Nesreen G. Elhelbawy, Dina A. Midan and Heba F. Khader (2017):** ABCB1 polymorphisms and steroid treatment in children with idiopathic nephrotic syndrome. *British Journal of Biomedical Science.* Jan; 74(1): 36-41.
- 24- Maathir K El Shafie, Manal A Safan, Elsayed S Abou Elnour, Mona S Habib, Tarek M Rageh, Alshimaa M Alhanafy and Amany M Wahb (2017):** Circulating cell-free DNA as a biomarker in the serum of patients with colorectal cancer. *Menoufia Medical Journal.* 30 (4): 1051-1056.
- 25- Marwa Helal, Manar Obada, Wael Abd Elrazek, Manal Safan, Tarek Abd El-Hakim, and Hala El-Said (2017):** Effect of ABCB1 (3435C>T) and CYP3A5 (6986A>G) genes polymorphism on tacrolimus concentrations and dosage requirements in liver transplant patients. *Egyptian Journal of Medical Human Genetics.* 18 (3): 261-268.
- 26- A.M.Alhanafy, M.ELShafei, M. Safan. E.Elnour, M. Habib. T. Rageh and A. Salah El-Din (2017):** Circulating cell-free DNA as a biomarker in the serum of colorectal cancer patients. *Annals of Oncology.* 28 (10): DOI: <https://doi.org/10.1093/annonc/mdx653.025>
- 27- Mazen A Ghanem, Essa A Adawi, Manal A Safan and Ashraf A Ghanem (2018):** Outcome of Varicoceles Scrotal Sclerotherapy in Infertile Patients with Recurrent Varicocele. *International Archives of Urology and Complications* 4 (1): 1-6
- 28- Magda M Haggag, Manal A Safan, Dalia M Abdou (2019):** Relation between anti-phenolic glycolipid-1 seropositivity and other factors among the household contacts of Egyptian leprosy cases. *Menoufia Medical Journal.* 32 (1): 238-243.
- 29- Magda M Haggag, Mahmoud A Kora, Manal A Safan, Hossam A Yasien, Amany M Yousef (2020):** Study of serum level of interleukin-31 in patients with uremic pruritus. *Menoufia Medical Journal.* 33 (1): 257-261.
- 30- Mona Salah El-din Habieb, Faten Ezzelarab Younis, Manal A Safan and Heba Khodary Allam (2020):** PARP1-DNMT1-CTCF complex and the apoptotic-induced factor mRNA expressions in workers occupationally exposed to benzene. *Environmental Science and Pollution Research.* 27: 22648–22657.

- 31- **Mazen A Ghanem, Ali I Swaid, Essa A Adawi, Rim M Ghanem, Ahmed M Ghanem, Mohammed A Aqeel and Manal A Safan (2021):** The impact of adenotonsillectomy on monosymptomatic primary nocturnal enuresis in children with obstructive sleep apnea syndrome. *Journal of Clinical Urology*. 14 (6): 447–453.
- 32- **Mazen A Ghanem ,Essa A Adawi ,Ahmed M Ghanem ,Manal A Safan ,Asaad A Ghanem (2022):** Retinal vessel diameters: Can they predict future risk of infertility in patients with varicocele? *Arch Ital Urol Androl*, 29; 94 (1): 70-74.
- 33- **Essa A Adawi, Mazen Ahmed Ghanem, Ahmed Mazen Ghanem, Manal A Safan, Mohamed G Elsayed and Mohammed A Aqeel (2022):** High platelet distribution width can independently predict testicular survival in testicular torsion among patients with steady-state sickle cell anemia. *World Journal of Pediatric Surgery*. 5: e000358.

#### **Member of Society**

Egyptian Society of Biochemistry and Molecular Biology.

#### **Honors and Awards:**

Getting the Menoufia University award for international publication.