

# Sherif Mohsen El-Sherbini

## PROFESSIONAL EXPERIENCE

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**Feb 2019- Now, Albaha university, faculty of science, Biology department.**

- Title: Associated Professor of Molecular Immunology & Microbiology

**Feb 2017- Jan 2019, Al-Sadat University, Al-Sadat City.**

- Title: Assistant Professor of Molecular Immunology & Microbiology

**Nov 2014- Jan 2017, Al-Sadat University, Al-Sadat City.**

- Title: Assistant Professor of Molecular Immunology & Microbiology

**May 2014- Oct. 2014, University of Pittsburgh Medical Center, Western Psychiatric Institute and Clinic (UPMC)**

- Title: Post-Doctoral Scholar in Bioinformatics and Molecular Genetics.

**Oct 2013- April 2014, Al-Sadat University, Al-Sadat City.**

Title: Assistant Professor of Molecular Immunology & Microbiology

**Feb.2013 –Sept.2013, DELTA University for science and technology, Faculty of pharmacy**

- Title: Assistant Professor of Molecular Immunology & Microbiology

**2008 – 2013, Mounofia University, Al-Sadat City.**

- Title: Assistant Professor of Molecular Immunology & Microbiology

**2003 – 2008, Mounofia University, Al-Sadat City.**

- Title: Lecturer of Molecular Immunology & Microbiology

**1999 – 2003, Mansoura University Hospital, Mansoura City.**

- Title: Researcher in Molecular Biology and Bone Marrow Transplantation Unit of Pediatric Medicine.

## EDUCATION

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### **2006, Université Paris Diderot - Paris 7 – France**

- Ph.D. Degree with Honors in Blood cell biology and Immunology (Doctorat en Biologi Des Sangules)

**Title: The Influence of non HLA (Cytokines) and non classical HLA (HLA-E) Gene Polymorphisms in Bone Marrow Transplantation Outcomes.**

### **2001, Mansoura University, Faculty of Science**

- M.Sc. Degree in Microbiology

**Thesis title: Interleukin 2 Gene Expression in Rheumatic Fever Incited by Streptococci.**

### **1997, Mansoura University, Faculty of Science**

- BSc. In Botany & Chemistry.

### **1993, Mansoura Language School.**

- General certificate of higher education.

## SCIENTIFIC EXPERIENCE

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**1. Teaching Immunology, Microbiology, Cell Biology and Physiology courses, supervision on Master and PhD degree students, doing research in the immunology field.**

**2. Transplantation tissue typing techniques:**

HLA-class I & II by Molecular Biology.

Flow cytometry techniques.

### **3. Molecular Biology techniques:**

DNA & RNA techniques.

PCR–real-time PCR techniques

High throughput genotyping and sequencing.

### **4. Stem cell separation from cord blood and cord Blood Banking.**

### **5. Bioinformatics data analysis and pathway prediction.**

### **6. Molecular genetics of psychiatric disease in relation to immune response.**

## **TRAINING**

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- 19 Feb. 2017 – 7 March 2017 Genes copy number variation by quantitative PCR, Western Psychiatric Institute and Clinic University of Pittsburgh. U.S.A.
- 15 May 2014 – 31 Oct. 2014 Post-Doctoral scholar at the University of Pittsburgh Medical Center, Western Psychiatric Institute and Clinic. U.S.A.
- 12 September 2011- 13 November 2011 Stem cell separation and cord Blood Banking, Hôpital Saint-Louis, Laboratoire D’Immunologie et D’Histocompatibilité – Paris, France.
- 10 Nov. 2009 – 26 Nov. 2009 Western Psychiatric Institute and Clinic University of Pittsburgh. U.S.A.
- November 2006 – March 2007, Hôpital Saint-Louis, Laboratoire D’Immunologie et D’Histocompatibilité – Paris, France
- October 2005 – March 2006, Hôpital Saint-Louis, Laboratoire D’Immunologie et D’Histocompatibilité – Paris, France
- July 2003 – October 2003, Hôpital Saint-Louis, Laboratoire D’Immunologie et D’Histocompatibilité – Paris, France
- May 2002 – November 2002, Hôpital Saint-Louis, Laboratoire D’Immunologie

et D'Histocompatibilité – Paris, France

- September 2001 – December 2001, Hôpital Saint-Louis, Laboratoire D'Immunologie et D'Histocompatibilité – Paris, France
- May 2000 – August 2000, Hôpital Saint-Louis, Laboratoire D'Immunologie et D'Histocompatibilité – Paris, France

## PUBLICATIONS

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### ■ PUBLISHED MANUSCRIPTS:

1. Association between IL-37 and VEGF gene expression in Psoriasis pathogenesis in Egyptian population. Sherif M. El-Sherbini, Ahmed Kh. S. Salama; Laila A. Rashed and Mohamed H. Nafady, Samir A.M. El-Masry, Journal of Biosciences and Medicines, 2022, Vol.10 No.5, paper accepted under typing.
2. Tumor Necrosis Factor Gene Polymorphism as a Risk Factor for Rheumatoid Arthritis in a Sample of Egyptian Population. Sherif Mohsen Elsherbini, Marwa M. Menshawy, Mahmoud E. Nasr, Adv Med Med Res. 2021; 3(2):119-124.
3. Role of Human Pituitary Tumor-Transforming Gene1 (HPTTG1) as a prognostic biomarker for metastasis in Egyptian patients breast, colon and Liver cancer. Samir Ali Mohamed El-Masry1, Sherif Mohsen Elsherbini, Abdelmoneam Ahmed Abdelmoneam, Ahmed Gouda Ibrahim Radwan, Journal of Bioscience and Applied Research, 2020, Vol.6, No. 2 , P.83 -97.
4. Crosstalk between miR-215 and epithelial-mesenchymal transition specific markers (E-cadherin and N-cadherin) in different stages of chronic HCV Infection. Nermeen M. Omran, Sherif M. El-Sherbini, Osama Hegazy, Ahmed A. Elshaarawy, Roba M. Talaat, J Med Virol. 2019 Nov 26. doi: 10.1002/jmv.25637
5. Single nucleotide polymorphisms of Interleukins associated with hepatitis C virus infection in Egypt, Hany Khalil, Mohamed Arfa, Samir El-Masrey, Sherif M. EL-Sherbini and Amal A. Abd-Elaziz, J Infect Dev Ctries. 2017 Mar 31;11(3):261-268. doi: 10.3855/jidc.8127.
6. Hepatitis C Virus Associations with Non-Hodgkin's Lymphoma: Insights on

- Inflammation/Angiogenesis and CD Markers, *Asian Pac J Cancer Prev.* 2016;17(9):4415-4420, El-Maadawy EA1, Talaat RM, Sadek RF, El-Sherbini SM, Abdel-Bary N, Abdel-Aziz AA.
7. Evaluation of CD markers (5, 19, 56) in HCV patients Undergoing Hemodialysis, *Egyptian Journal of Medical Microbiology* Volume 25 / No. 2 / April 2016 25-33 *Egyptian Journal*, Sherif. M. EL-Sherbini, Fatma.E.Osman, Samir.A.EL-Masry, Abdelhakem S. Eldeen.
  8. Molecular analysis of HLA-DRB1 allelic associations with systemic lupus erythematosus and lupus nephritis in Egyptians. *International Journal of Advanced Research* (Impact Factor: 1.66). 01/2014; 2(7):831-838. Ibrahim M. El-Haj, Amani M. Ismail, Khalil E. El-Halafawy, Wael I. Mortada, Sherif M. El-Sherbiny.
  9. Gene polymorphism of transforming growth factor- $\beta$ 1 in Egyptian patients with type 2 diabetes and diabetic nephropathy. *Acta Biochim Biophys Sin (Shanghai)*. 2013 Feb 10. El-Sherbini SM, Shahen SM, Mosaad YM, Abdelgawad MS, Talaat RM.
  10. Association between HLA-E \*0101 homozygosity and Recurrent Miscarriage in Egyptian Females *Scand J Immunol.* 2011 Mar 15. doi: 10.1111/j.1365-3083.2011.02559.x. Mosaad YM, Abdel-Dayem Y, El-Deek BS, El-Sherbini SM.
  11. Impact of CD31 Mismatches on the Outcome of Hematopoietic Stem Cell Transplant of HLA-identical Sibling. *Hematology.* 2006 Aug; 11(4):227-34. El-Chennawi FA, Kamel HA, Mosaad YM, El-Sherbini SM, El-Billey NA.
  12. Expression of HLA-G in cancer bladder. *Egypt J Immunol.* 2005; 12(1):57-64. El-Chennawi FA, Auf FA, El-Diasty AM, El-Daim MA, El-Sherbiny SM, Ali A, El-Baz M, El-Hameed MA, Paul P, Ibrahim EC, Carosella E, Ghoneim MA. Clinical Immunology Unit, Clinical Pathology Department, Faculty of Medicine, Mansoura University, Mansoura, Egypt.
  13. Association of HLA-E Polymorphism with Severe Bacterial Infection and Early Transplant-related Mortality in Matched Unrelated Bone Marrow Transplantation. *Transplantation.* 2005 Jul 15; 80(1):140-4. Tamouza R, Rocha V, Busson M, Fortier C, El Sherbini SM, Esperou H, Filion A, Socie G, Dulphy N, Krishnamoorthy R,

Toubert A, Gluckman E, Charron D.

14. Early-onset Ankylosing Spondylitis is Associated with a Functional MICA Polymorphism. *Hum Immunol.* 2005 Oct; 66(10):1057-61. Epub 2005 Nov 2. Amroun H, Djoudi H, Busson M, Allat R, El Sherbini SM, Sloma I, Ramasawmy R, Brun M, Dulphy N, Krishnamoorthy R, Toubert A, Charron D, Abbadi MC, Tamouza R.

## **SUPERVISION OF THE THESES**

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- 1- IL-17F gene polymorphism (7488T/C, rs763780) SLE Egyptian Patients
- 2- Association of Paroxonase -1 and SOD Genes Polymorphisms with Hepatocellular Carcinoma Risk in Egyptian patients with Hepatitis C Virus
- 3- Gene polymorphism of transforming growth factor- $\beta$ 1 in Egyptian patients with type 2 diabetes and diabetic nephropathy.
- 4- Role of Toxoplasma infection and non-classical HLA genes polymorphism in the pathogenesis of schizophrenia in Egyptian population.
- 5- Interleukin-4 and Interleukin-6 Gene polymorphism contributes to the genetic predisposition to nephropathy in Type 2 diabetes in Egyptian population.
- 6- The influence of IL-29 gene polymorphism on the evolution of HCV in Egyptian patients.
- 7- The influence of IL-28a and IL-28b gene polymorphism on the evolution of HCV in Egyptian patients.
- 8- TNF- $\alpha$  gene polymorphism in Egyptian patients with hepatitis B.
- 9- Role of CD42 and CD16 in the incidence of CLL in Egyptian population.

## **CONFERENCES**

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- 2<sup>nd</sup> International conference of stem cells: a step for clinical trials, Dec. 16-17 2020, Mansoura University, Egypt.
- The first international conference on stem cells: "Future Applications" from 17 to 19 December 2018 at Mansoura University, Egypt.
- The third annual conference of the Stem Cell at Mansoura University was opened on Wednesday 13th December 2017, Mansoura University, Egypt.
- 1st International conference of Genetic Engineering and Biotechnology “Integrative Science and Biotechnology” 26-29 April 2016, Mounofia University, Al-Sadat City.
- 5th International conference of Mansoura University psychiatry department Investment of updated Neurosciences in Optimizing clinical practice in psychiatry, 8-11 September 2015.
- The 1st Conference of Mansoura Research Center for Cord Stem Cells (MARC-CSC) " Mansoura Perspective for Cord Stem Cells " 17-18 December 2014, Faculty of Medicine, Mansoura University.
- Science 2014, from 1 to 3 October 2014, University of Pittsburgh, USA.
- The 1st Annual Conference of “The Center of Excellence in Cancer Research (CECR) February 24, 2014 Tanta University.
- 1st international conference of Human genetics and genome research division and national society of human genetics on “Human Genetics and Genomics: Challenges for Proper Health” November 8-10 2010 National Research Center, Cairo, Egypt.
- 1st Alexandria International Congress on Tissue Engineering, February 13-16, 2009, Alexandria University, Egypt.
- The 13th Egyptian - French Seminar on Immunology and Molecular Biology, May 2006, Faculty of Medicine, Mansoura University.

- The 11th Egyptian - French Seminar on Stem cell Therapy, 6 - 8 November 2007, Faculty of Medicine, Mansoura University.
- The 9th Egyptian - French Seminar on Immunology and Molecular Biology, March 2005, Faculty of Medicine, Mansoura University.
- The 8th Egyptian - French Seminar on Immunology and Molecular Biology, “Immunology of Organ Transplantation” 12th of January 2004, Faculty of Medicine, Mansoura University.
- The 7th Egyptian - French Seminar on Immunology and Molecular Biology, September 2002, Faculty of Medicine, Mansoura University.
- The 6th Egyptian - French Seminar on Immunology and Molecular Biology, October 2001, Faculty of Medicine, Mansoura University.
- The 7<sup>th</sup> Egyptian - French Seminar on Immunology and Molecular Biology, September 2002, Faculty of Medicine, Mansoura University.
- The 6<sup>th</sup> Egyptian - French Seminar on Immunology and Molecular Biology, October 2001, Faculty of Medicine, Mansoura University.
- The 4<sup>th</sup> Egyptian - French Seminar on Immunology and Molecular Biology, 1999, Faculty of Medicine, Mansoura University.

## WORKSHOPS

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- The 10<sup>th</sup> Egyptian - French Seminar on Immunology and Molecular Biology Workshop, April 2006, Faculty of Medicine, Mansoura University.
- The 8<sup>th</sup> Egyptian - French Seminar on Immunology and Molecular Biology Workshop (HLA Typing from Antisera to Molecular Biology), June 2004, Faculty of Medicine, Mansoura University.
- The 5<sup>th</sup> Egyptian - French Seminar on Immunology and Molecular Biology Workshop October 2000, Faculty of Medicine, Mansoura University.



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## PERSONAL INFORMATION

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- Date of birth: 01/09/1975.

## REFERENCES

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- Prof. Dr Vishwajit Nimgaonkar MD PhD, Professor of Psychiatry and Human Genetics, University of Pittsburgh, U.S.A  
E-mail: [nimga@pitt.edu](mailto:nimga@pitt.edu)
- Dr Hader Mansour Assistant Professor of Psychiatry and Human Genetics, University of Pittsburgh. U.S.A  
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- Prof. Dr. D. Charron, Head of Laboratoire D'Immunologie et D'Histocompatibilité, Hôpital Saint-Louis, Paris 7 Université, France.  
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- Prof. Dr. Mohamed Farouk Elrefaei professor of Biochemistry, Faculty of Medicine, Al-Baha University, K.S.A  
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- Dr. Riyad Tamoza, Laboratoire D'Immunologie et D'Histocompatibilité, Hôpital Saint-Louis, Paris 7 Université, France.  
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