

Prof. Dr. Farha A. El-Chennawi

**Prof. of Clinical Immunology , Clinical Pathology Department,
Faculty of Medicine, Mansoura University.**

Name: El-Chennawi, Farha Abd El-Aziz Mamoun.

Date and place of Birth: 9/3/1949 Ismalia,Egypt.

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Degrees:

- M.B.B.C.H. 1971 very good honor.
- Diploma of medicine 1974.
- Diploma of clinical pathology 1975.
- MD Clinical pathology 1981.

Academic Positions:

- * Resident in clinical pathology department. Mansoura Hospital University from, September 1972 to 23 February 1975.
- * Assistant lecturer in clinical pathology Department, Mansoura Faculty of Medicine from 23 February 1975 to 17 January 1982.
- * Lecturer in clinical pathology Department Mansoura Faculty of Medicine from 18 January 1982 to 29 March 1987.
- * Assistant professor in clinical Pathology Department. Mansoura Faculty of Medicine from 30 March 1987 to 29 March 1992.
- * Professor of clinical Immunology in clinical pathology Department. Mansoura Faculty of Medicine from 30 March 1992 and up till now.
- * Head and Founder of clinical Immunology Unit. Clinical pathology Department. Mansoura Faculty of Medicine.
- * Head and Founder of Immunology and Molecular biology laboratories. In Urology and Nephrology center Mansoura University.
- * Postgraduate & research vice Dean of Mansoura faculty of medicine
- * Dean of Mansoura faculty of medicine
- * Vice President of Mansoura University For Post Graduate Studies and Research.

Knowledge of Language:

-Speak and write fluently French and English.

Member of the society of:

- * French society of immunology.
- * Society Francophone D'histocompatibilite et D'Immunogenetique
- * French Society of analytical cytology.
- * ASHI (American Society for Histocompatibility and immunogenetics).
- * Member in council of Egyptian Society of immunology.
- * Member in National committee for transplantation.

Honors:

- Best article presented to the annual conference of Mansoura Faculty of Medicine 1986.
- Best article presented to Arab African society congress of gastroenterology 1987.
- Graduated grade of (grade de Chevalier de l'Ordre National du Mérite) by president of French republic in 29 March 1999.
- Awarded national Incentive Award in advanced medical science 2000.
- Graduated grade of (grade d officier de l'Ordre National du Mérite) by president of French republic in 2017.
- She was honored by his excellency president Abdelfattah Al Sisi in 2017, for her outstanding achievements in the field of women's rights and empowerment.

Scientific Projects :

- Co- investigator of joint project with Pittsburg University in genetics of Psychological disorders , since 2002 till now.
- Principal investigator of Clinical immunology lab accreditation project (2011)
- Scientific director of master of Immunology and regenerative medicine ,distant learning program of Francophone agency of Universities(2012)
- Principal investigator of Establishment of Mansoura University Umbilical cord stem cell research center (2013).

Non Academic Activities

- Director for the French language center of Mansoura (CELF. Mansoura) .
- Adopt the foundation of Mansoura French language school, (since 1996).
- Member of women council in Dakahlia from 2000 - 2015.

- Reporter of women council of Kakahlia from 2015 till now
- Member of the committee for selection of the ideal student in Mansoura Faculty of Medicine.
- Director of EL-SHERA Family for student of Mansoura Faculty of Medicine.
- Director and Founder of Tumor Marker Laboratory of the society for the care of cancer patient “Voluntary work”.
- Member in and Founder of Mansoura Hospital center and El-Hekma Hospital
- signed a collaborative convention between laboratories of immunology of saint louis hospital (a.p.h.p) and laboratories of immunology of urology and nephrology center (university of mansoura)

Scientific research Interests:

- * Research on diabetes Mellitus.
- * Research on renal transplantation.
- * Allergy.
- * Autoimmune diseases.
- * Tumor immunology .
- * Bone marrow transplantation
- * Cord blood banking.
- * Stem cell research.
- * Regenerative medicine.

Grants and Training:

- * Granted a fellowship offered from government of France (January - July 1983). Do joint research with Prof. Dausset, Prof. J. Hors. In the field of transplantation immunology and diabetes.
- * Training on flowcytoemetry, in Pasteur institute. Prof. Goldberg Michel, June 1984.
- * Training on IL2 dosage, Gustave Roussy Institute. Dr. Fradelizi, Didier, September 1985.
- * Training on HLA typing by SSO molecular biology technique in SAINT LOUIS Hospital Prof. Dr. J. Hors October 1991.
- * Training on HLA typing by molecular biology techniques in SAINT LOUIS Hospital Prof. Dr. J. Hors July - August 1992.
- * Regular scientific visit /yearly in SAINT LOUIS Hospital,Paris Diderot University Paris,France.

Scientific Activities :

- Organizer of the 1st to 25th Egyptian - French seminar and workshop of Immunology and molecular biology held in Mansoura 1994-2019 (Urology and Nephrology center) & seminar was preceded by intensive educational course of immunology the years.
- Participant in teaching at the first training course of immunology held in Swiss Canal University in collaboration with Japan.
- Chairman and given plenary session lectures in most Egyptian conferences.
- Training of junior staff in the field of immunology. From Egypt and Arab countries.
- Experience in quality assurance of medical education since 2002.
- Assessor in program of academic accreditation for medical faculties.

Attended conference and presented papers in:

- European Histocompatibility conference, 1983 Strasbourg France.
- Second international congress of transplantation, 1983 Barcelona Spain.
- Meeting conference of the society of analytical cytology 1985 Toulouse -France.
- Meeting conference of the French society of Immunology 1986 Strasbourg - France.
- Round table meeting for orthoclone (OKT3 administration in renal transplantation) 1987Paris - France.
- Thirteenth Annual Meeting of American Society for Histocompatibility and immunogenetics November 1987. New York, USA.
- General meeting of French society of immunology and Transplantation and of France-Transplant. December 1987. Paris-France.
- Round table meeting for "Recombinant Erythropoietin in treatment of anemia in chronic renal failure. April 1988 Cannes- France.
- Selected for a fellowship offered from WHO in immunology of infectious diseases. May and June 1988 Lausanne- Swiss.
- Meeting of France Transplant December 1988 Paris- France.
- International congress " HLA and diseases" Athens -Greece 1989.
- Meeting of French society of immunology Paris- France 1990.
- Training on uses of polymerase chain reaction in clinical medicine Pasteur " Institute Paris- France 1990 ".

- International congress of organ transplantation Paris- France august 1992.
- The Third congress of Asian society of transplantation December 1993 Bangkok - Thailand.
- Scientific visits to Saint Louis Hospital. Immunology Department by a fellowship of high level offered from the French government, one month duration at 1994 and 1995 to prepare for scientific collaboration between Mansoura University and saint louis hospital.
- 12th International congress and workshop of Histocompatibility Saint Malo and Paris 1996.
- Meeting of French society of immunology Marseille- France 1997.
- The XVIIth world congress of the Transplantation society, July 12 -17, 1998. Montreal - Canada.
- European Conference XV for a tissue from 27-30 March 2001 Granada - Spain.
- Conference HLAG Paris
- Anthropology Conference in Marrakech and give a talk in the conference.
- Conference of Anthropology in the Library of Alexandria .
- Invited speaker in the Arab World Institute Paris on 26/11/2005 and give a talk entitled state of scientific research in Arab countries .
- Invitation from the University of Paris 7, France on 9 to 16 / 7 / 2006.
- AIDS Conference in Algiers in October 2006 give a talk in the conference.
- AIDS Conference in Morocco (Marrakech 27 October 2007) give a talk in the conference
- Invited speaker at University of Paris 7, France on 13 to 19 /12/2007 to give a talk entitled a role model of a women working as professor at Mansoura University.

Published Papers:

1-Facteurs génétiques et Facteurs d'environnement dans le diabète insulino-dépendant.

Review article La presse Médical, 1983.

2- Effect of oral hormonal contraceptives and Intrauterine devices on peripheral lymphocytes subpopulation. Mansoura Med. Bulletin, Vol. 11, No.4, Oct., 1983.

3-Association of HLA-A3 With paralytic poliomyelitis.

Disease Markers, Vo.2, 489-492 (1984).

- 4-HLA Antigens and Extrinsic Bronchial Asthma. *Journal of Asthma*, 21 (4), 256-263 (1984).
- 5- Bilharzia Hepatic fibrosis and Urinary Estrogen Amenorrhoeic Patients. *Mansoura Med. Bulletin*, Vol. 12, No.2, April 1984.
- 6-HLA-Antigens and Tuberculosis in the Egyptian population. *Tubercle* 66 (1985) 35-40 C Longman Group Ltd.
- 7-HLA Antigens and Acute Rheumatic Fever: Evidence for a Recessive susceptibility Gene Linked to HLA. *Genetic Epidemiology* 2: 273-283 (1985).
- 6-HLA Antigens in Guillain-Barré syndrome. *Journal of Neurogenetics*, 2 (1985) 285-290 Elsevier.
- 8-Etude de 4 variétés d'anticorps anti-ilots de Langerhans chez 74 diabétiques insulino-dépendants et leur famille en fonction du génotype HLA. *La presse Médical*, 22 février 1986, 15, n° 8.
- 9- DR and HLA antigens and some immunological Disturbances in IDDM. *Mansoura Medical Bulletin*. Vol. 16, n° 4 January 1886.
- 10- HLA- Antigens in the Egyptian population. *Forensic Science International*, 31 (1986) 241-246. Elsevier scientific publishers Ireland Ltd.
- 11- Inherited Immunoregulatory Dysfunction in Extrinsic Bronchial Asthma. *Journal of asthma*, 24 (5) 271-281 (1987).
- 12-Immunogenetic aspects of febrile convulsions. *Journal of Neurogenetics*, 4 (1987) 267-274.
- 13- Presumptive evidence for an immunosuppressor susceptibility Gene, Linked to HLA, In Rheumatic Fever. *Disease Markers*, Vol.5 177-185 (1987).
- 14- Association of β -thalassemia and G6PD deficiency among Egyptian children it's clinical and hematological effects. *Clin. European J. of clinical & Experimental Med.* Vol. 5, 18/19, 1987.
- 15- Immune regulation dysfunction in chronic persistent Hepatitis. *Disease Markers*, Vol.6, 15-21 (1988).
- 16-Dermatophytes causing tinea capitis in children. *Mansoura Med. Bulletin*, 19 Dec. 1988.
- 17-Studies of peripheral blood T-Lymphocytes in assessment of disease activity in Rheumatic Fever. *British Journal of Rheumatology* 1988; 27: 181-186.
- 18-HLA and Autoimmune thrombocytopenic purpura. *The new Egyptian Journal of Medicine*. Vol.4, No.5 Sept., 1990.

- 19- Immunogenetic study of the Response to streptococcal carbohydrate Antigen of the cell wall in Rheumatic Fever. *Annals of the Rheumatic Diseases* 1990; 49: 708-714.
- 20-The possible effects of β -adrenergic Blockers on the immunological Reactions. *Mansoura Med. Bulletin*, 15 Oct., 1990.
- 21- T-Cell Subsets and HLA-Dr In Alopecias. *AJD an African Journal Of Dermatology* Vol.3 N0.2 Apr-Jun. 1990.
- 22-Parental HLA Sharing and Maternal T-Lymphocyte subsets in Recurrent Aborters. Reprint from the *Jour. Of the Eg639582*1pt.Soc. Of obst. & Gyn. Vol.XVI No.1, Jan., 1990.*
- 23- Ovarian Function in breast cancer patients receiving Adjuvant CMF Chemotherapy. *Egyptian J. of Tumor Marker oncology*, Vol. 1, N0. 2, July, 1990 .
- 24- Human leucocytic antigen (HLA) typing in patients with nasal allergy. *Banha Medical journal*. Vol. 7 ne 2 1990.
- 25-Immunomodulating effects of Halothane in Mice. *European Journal of Anesthesiology*, 1991,8, 239-244.
- 26-Immunological assays following Exposure to Halothane in Clinical Usage. *European Journal of Anaesthesiology*, 1991, 8, 459-469.
- 27-Serum and Bronchoalveolar lavage immunoglobulins in patients with bronchial asthma and active bilharziasis. *Egypt. J. Chest Dis. & Tub.*, 38, 1, 1991.
- 28-Effect of chrysotherapy on interleukin -2- (IL-2) Level in rheumatoid patients. Reprint from the *arab journal of laboratory Medicine*, Vol.17, No. 2, July, 1991.
- 29-Detection of anti-inflammatory and Anti-Proliferative agent from rheumatic fever arthritis. *Banha Med. J. Vol.8 No. 2, May, 1991.*
- 30-Immunogenetic susceptibility for post-schistosomal hepatic fibrosis. *Am.J. Trop. Med. Hyg.*, 44 (4), 1991, pp. 424-433.
- 31-Phagocytic function in Down syndrome. *The new Egyptian J. of Med. Vol.5, No. 12, Dec. 1991.*
- 32-Effect of Natural honey on serum Immunoglobulins and salivary IgA. *The new Egyptian J. of Med. Vol.5, No. 11, Nov., 1991.*
- 33-T-cell subsets and Natural killer cells in Tuberculosis in infancy and childhood. *J.A.C. Vol. 2, No.4, December, 1991.*
- 34-Some immunophysiological parameters in geriatrics. *The new Egyptian J. of Med. Vol.6, No. 1, January, 1992.*
- 35- study of cell mediated immunity some in allergic dermatomes

- 36- Complement and neutrophil chemotaxis in some dermatophytic infections. Mansoura Medical Journal. Vol 22 no - 2 Jan - April 1992.
- 37- Neutrophil chemo taxis and killing function patients with recurrent furunculosis . 1993 , Mansoura Med J 239-247 .
- 38- T-cell function in patients with congestive heart failure. The Gaz Egypt. Ped Ass. Vol. 41 n° /2 January , April 1993.
- 39- DQ polymorphism in juvenile onset Diabetes mellitus. The Egyptian journal of Immunology. Vol. 2 No 2 June 1995.
- 40- In vitro- Study of immunobiological effect of prostaglandin E2 on Activated normal peripheral blood lymphocyte. AZ. J. Pharm sciences Vol. 15 June 1995.
- 41- Effect of viral hepatitis infection on liver function among hemodialysis patients. Egyptian Medical journal. Vol. 12, n° 3 May- June 1995.
- 42- Seroprevalence of Hepatitis C virus Among Rural and Urban pregnant women. Ain shams Medical Journal Vol. 47 no 7,8, &9 July, August, September 1996.
- 43- DRBB Alleles in Egyptian children with idiopathic nephrotic syndrome Mansoura Medical journal. Vol. 26 n° 7-2 Jan - Apr 1996.
- 44- Impact of immunotherapy on ICAM-1 and L-selectin in allergic rhinitis. Banha medical journal, volume 13, numbers 2, May 1996.
- 45- DR Polymorphism in chronic active hepatitis C. Mansoura medical Journal. Volume 26 No. 1&2, Jan. and Apr. 1996.
- 46- HLA in North African populations. Charron D. Genetic diversity of HLA functional and medical implication: proceeding of the 12th international histocompatibility workshop and conference . EDK, sevres- France, 1997.
- 47- Evaluation of Allergen Injection immunotherapy in allergic Asthmatics. The Egyptian journal of pediatrics Vol. 14 No. 1-2, 43-54 1997.
- 48- Aetiopathogenesis of Morphea & Lichen Sclerosus et Atrophicus. Egyptian Journal of Dermatology and Venereology, volume 17, No. 2, (1997).
- 49- Study of T-cell activation markers in asthmatic patients under different therapies. The Egyptian Journal of Laboratory medicine, vol. (9) No. 2 June, 383-396, 1997.
- 50- HLA-DQB1 and DRB1 alleles in Egyptian Children with steroid-sensitive Nephrotic syndrome. *Pediatr. Nephrol.* (1998) 12: 234-237
- 51- Study of some cytokines and adhesion molecules in children with typhoid and paratyphoid fevers. Egyptian Journal of Medical Microbiology May (1998) Vol. 7 N. 2

- 52- Distribution of the CCR5 gene 32-base pair deletion and SDF1-3`A variant in healthy individuals from different populations. *Journal of immunogenetics* 1998, 48, 6, 417-19.
- 53- HLA-DRB-1 alleles in Children with post-streptococcal acute glomerulonephritis. *African Journal of Nephrology* (1999) 3 : 73-77.
- 54- A prospective study of hepatitis C viremia in renal allograft recipients *American Journal of Nephrology* (1999); 19:576-585.
- 55-Evalutaion of cell mediated immunity in advanced pancreatic carcinoma before and after treatment with interleukin -2.*Hepato-Gastroenterology* 1999;46:1293-1296
- 56- Proinflammatory cytokines (IL-12 and IL-18) in immune rheumatic diseases: relation with disease activity and autoantibodies production.*The Egyptian journal of immunology / Egyptian Association of Immunologists (Egypt J Immunol) Vol. 10 Issue 2 Pg. 19-26 (2003) ISSN: 1110-4902 .*
- 57- Tumor necrosis factor -& Production from mononuclear cells in nephritic Syndrome .*Pediatr Nephrol* (2003) 18:516-520.
- 58- Il-13 Gene Expression in Patients with Atopic Dermatitis :Relation to IgE Level And To Disease Severity . *The Egyptian Journal of Immunology* (2004) 171-177 .
- 59- HLA alleles in frequently relapsing steroid –dependent and – resistant nephritic syndrome in Egyptian children . *Pediatr Nephrol* (2005) 20: 159-162.
- 60- Expression of HLA-G in cancer bladder .*The Egyptian journal of immunology Egyptian Association of Immunologists (Egypt J Immunol) Vol. 12 Issue 1 Pg. 57-64 (2005) ISSN: 1110-4902 Egypt .*
- 61- Impact of CD31 mismatches on the outcome of hematopoeitic stem cell transplant of HLA-identical sibling. *Hematology (Amsterdam, Netherlands) (2006). 4:11-34*
- 62- Androgen receptor CAG and GGC polymorphisms in Mediterraneans: repeat dynamics and population relationships. *Journal of Human Genetics ,Volume 51, Issue 2, pp 129-136 (2006).*
- 63-Allele frequencies of 15 short tandem repeats (STRs) in three Egyptian populations of different ethnic groups .*Forensic Science International, Volume 169, Issues 2–3, , Pages 260–265.(2007).*
- 64- HLA – DRB1* alleles in Egyptian children with post- streptococcal acute glomerulonephritis. *Pediatr Nephrol* (2007) 22: 376-379
- 65-HLA-Class II Alleles in Egyptian Patients with Hepatocellular Carcinoma.*Immunological Investigations* (2008), Vol. 37, No. 7 , Pages 661-674 .

- 66- Immune reconstitution during maintenance therapy in children with acute lymphoblastic leukemia, relation to co-existing infection . Hematology, Volume 13, Number4.(2008)
- 67-Vascular endothelial growth factor, *p53*, and the *H-ras* oncogene in Egyptian patients with bladder cancer. World J Gastrointest Oncol. 15; 1(1): 62–68.(2009).
- 68-Consanguinity associated with increased risk for bipolar I disorder in Egypt .American Journal of Medical Genetics Part B: Neuropsychiatric Genetics. Volume 150B, Issue 6, pages 879–885, (2009).
- 69-Evaluation of Different Asthma Phenotype Responses to Montelukast Versus Fluticasone Treatment. Pediatric Asthma, Allergy & Immunology, Volume: 22 Issue 2: 30, (2009).
- 70- Eosinophilic cationic protein: is it useful in assessing control of childhood asthma 2009.
- 71- The Complex and Diversified Mitochondrial Gene Pool of Berber Populations, Annals of Human Genetics Volume 73, Issue 2, pages 196–214, (2009).
- 72-Study of Some Lymphoproliferative Clonal Markers Following Renal Transplantation, stem cell,1(3), (2010)
- 73-Consanguinity and increased risk for schizophrenia in Egypt Schizophr Res. 120(1-3): 108–112. (2010).
- 74- HLA Class I and Class II HLA DRB Profiles in Egyptian Children with Rheumatic Valvular Disease 2010.
- 75-Clinical and Genetic Study of Juvenile Rheumatoid Arthritis .New York Science Journal .4; 41(2011).
- 76- Does telomere length mediate associations between inbreeding and increased risk for bipolar I disorder and schizophrenia 2011.
- 77-HLA-DQB1* alleles and genetic susceptibility to type 1 diabetes mellitus. World J Diabetes. 15; 3(8): 149–155. (2012).
- 78-Effect of human adipose derived mesenchymal stem cells on the differentiation of monocytes.Egyptian journal of hospital medicine 2014.
- 79- TNFAIP3 and KL12B gene polymorphisms associated with psoriasis vulgaris in an Egyptian cohort 2014.

- 80- Optimal method for collection of umbilical cord blood: an Egyptian trial for a public cord blood bank. *transfusion journal* 2015.
- 81- Neonatal factors influencing the quality of the umbilical cord blood unit, Poster presentation in World cord blood congress, Monaco, France 2015.
- 82- IRF5, PTPN22, CD28, IL2RA, KIF5A, BLK and TNFAIP3 genes polymorphisms and lupus susceptibility in a cohort from the Egypt Delta; relation to other ethnic groups *Human Immunology*, Volume 76, Issue 7, Pages 525-531.
- 83- Association with HLA-DRB1 in Egyptian and German pemphigus vulgaris patients. *Tissue Antigens*, 2015, 85, 283–286.
- 84- Dopamine Transporter Gene (SLC6A3) 3'UTR VNTR Genotype as a marker for subtypes of Bipolar Affective Disorder I in an Egyptian Sample 2015.
- 85- Epigenetics reprogramming of Autophagy is involved in childhood acute lymphatic leukemia 2017.
- 86- Comparison of the percentages of CD4⁺CD25^{high}, FOXP3⁺, CD4⁺, CD25^{low}, FOXP3⁺, and CD4⁺ FOXP3⁺ Tregs, in the umbilical cord blood of babies born to mothers with and without preeclampsia 2017.
- 87- Hyaluronic Acid Potentiates the Renoprotective Effects of Wharton Jelly-Derived Mesenchymal Stem Cells in a rat Model of Renal Ischemia Reperfusion Injury 2017.
- 88- Differentiation of human umbilical cord derived mesenchymal stem cells into dopamine producing cells 2017.
- 89- Cord Blood Donor Criteria: A cross-Sectional study in Augusta 2017.
- 90- Efficiency of differentiated human umbilical cord mesenchymal stem cells in neurons for treating Alzheimer disease 2018.
- 91- Rapidly mutating Y-STRs in rapidly expanding populations: Discrimination power of the Yfiler Plus multiplex in northern Africa 2019.
- 92- Randomized controlled trial of adjunctive valproate for cognitive remediation in early course schizophrenia 2019.
- 93- Isolation and pancreatic endocrine differentiation of the mesenchymal stem cells from Human umbilical cord .

Thesis Supervision :

M.D. Thesis:

- 1- Surface markers study in Non Hodgkin lymphoma using the cytofluorometer, Banha University.
- 2- Pathophysiological study in some photosensitive dermatoses .
- 3- Evaluation of tumor marker in various pediatric tumors.
- 4- Genetic aspects of non-insulin - dependent diabetes Mellitus.
- 5- Screening tests of good handlers with in Mansoura University students.
- 6- Immunologic study of the products of conception in spontaneous abortion
- 7- Immunomodulator effect halothane.
- 8- Evaluation of interleukin - 2 activated cells in treatment of patients with advanced cancer breast, cancer pancreas & lymphoma.
- 9- Study of Phagocytic power in Rheumatic fever.
- 10- Immunogenetic study of idiopathic epilepsy.
- 11- Broncho-alveolar lavage in chronic bronchiactasis due to Bilharziasis “ Immunological study”.
- 12-Role of polymorphonuclear phagocytosis and complement in Dermatophytes.
- 13- HLA, ABC & DR and T cell subsets in Alopecia.
- 14- Gastric acidity in patient with obstructive lung diseases in relation to smoking.
- 15- Study on Gamma, and Delta T lymphocyte receptor.
- 16- Immunogenetic studies on the effect of streptococcal antigens on peripheral blood lymphocytes in patients with rheumatic fever.
- 17- immunologic study on diabetic patients with periodontal disease.
- 18- Immune complex and complement in children with Bilharzia Mansoni-susceptibility to hepatic fibrosis.
- 19- Evaluation of cell mediated immunity in pancreatic tumors before and after immunotherapy with interleukin-2 (IL-2) and gamma IFN.
- 20- Immunological study before and after surgery in patients with malignant thyroid tumors.
- 21- Study of adhesions molecules in bronchial asthma
- 22- Study of immunogenetics aspects in idiopathic thrombocytopenic purpura
- 23- Molecular genetic of bronchial asthma
- 24- Immunopathogenesis of atopic dermatitis.

- 25-Study of CMI in some allergic dermatosis
- 26-Immunogenetics of Hepatocellular carcinoma
- 27-Immunogenetics of Cancer Bladder
- 29-Immunogenetics of lupus Erythematosus
- 30-Immunogenetics of Schizophrenia.
- 31- Juvenile Myoclonic Epilepsy and Migraine:Study of comorbidity and co-occurrence(2017)
- 32- Umbilical Cord Stem Cells for Treatment of Gynecologic Malignancies in Vitro (2018)
- 33-In vitro differentiation of human of mesenchymal umbilical cord stem cell into hepatocytes(2018)
- 34-The effect of autologous adipose derived stem cells combined with carbon dioxide fractional laser on atrophic scars(2018)

Master Degree Thesis:

1. T-cell subset monitoring in renal transplantation. University of Zagazig.
2. Effect of blood transfusion on the cross match test and on the mixed lymphocyte culture, University of Banha.
3. Serum Immunoglobulin, “ Maternal and fetal: in normal and abnormal pregnancy, University of Banha.
4. Study of the pancreatic B cells antibodies & Dr. in juvenile diabetes mellitus (insulin dependent & their families).
5. The role of cell surface marker antigens in the classification of childhood acute lymphoblastic leukemia.
6. Human leukocyte antigens typing in-patients with nasal allergy.
7. Identification of dermatophytes causing tinea capitis in children.
8. Immunological aspects of febrile convulsions.
9. Study on human leukocyte antigens and vitiligo.
10. Heart and lung transplantation present status.
11. Phagocytic power in trisomy 21.
12. Some immunological studies in rheumatic chorea.
13. Effect of natural honey on immunoglobulins A.M. and G.
14. Immunologic effect of Beta-adrenergic blockers in experimental animals.
15. Immunologic studies in facial palsy.
16. Alpha anti-trypsin in children with Bilharzia Mansoni.
17. N.K. cell in children with Bilharzia Mansoni.

18. In vitro-effect of cyclosporin A (CYA) on normal peripheral blood lymphocyte activated with concanavalin A (Con A).
19. DQ Polymorphism in Juvenile onset diabetes Mellitus
20. Value of Immuno-electrophoresis in Diagnosis of Auto-immune Hepatitis.
21. Role of HLA-G in tolerance.
22. Role of immunology laboratory in assisted reproduction,
23. DR polymorphism in chronic active hepatitis.
24. Serum insulin like growth factor II in chronic liver disease.
25. Pattern of T & B lymphocytes after splenectomy.
26. Differentiation of Human Umbilical Cord Derived Mesenchymal Stem Cells into Dopamine Producing Cells (2017)
27. Juvenile Myoclonic Epilepsy and Migraine:Study of comorbidity and co-occurrence(2017)
28. Efficiency of differentiated human umbilical cord mesenchymal stem cells for treating Alzheimer disease(2017)
29. Maternal and neonatal factors affecting the formation of hematopoietic stem cell colony forming units from umbilical cord blood(2017)
30. Serum Levels of IL-10,IL-15 and Soluble Tumor Necrosis Factor – Alpha(stnf-a)Receptors in Hcy Patients(2017)
31. Use of Wharton Jelly Mesenchymal stem cells for repair of renal cells injury iduced by ischemia(2017)
32. - Isolation and osteogenic differentiation of the mesenchymal stem cells the umbilical cord(2017)
33. Isolation and Osteogenic Differentiation of the Mesenchymal Stem Cells from the Umbilical Cord(2018)
34. Influence of proinflammatory and anti inflammatory gene polymorphisms on Autism Spectrum Disorders(2018)
35. Use of Wharton Jelly Mesenchymal stem cells for repair of renal cells injury induced by ischemia(2018)
36. Isolation and Osteogenic Differentiation of the Mesenchymal Stem Cells from the Umbilical Cord(2018)
37. Isolation and Pancreatic endocrine differentiation of the mesenchymal stem cells from human umbilical cord(2018)
38. Isolation of Mesenchymal Stem Cells From Human Umbilical Cord & Its Potential For Cardiomyocyte Generation(2019)

39-Factors Affecting Hematopoietic Stem Cells Derived From Umbilical
Cord(2019)

40-endothelin-1 serum Level in Patients With Knee osteoarthritis (2020)