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Educational and Professional History



Personal Data

Name : Rania Mohmed Azmy Mohamed El Shazly.

Nationality : Egyptian

Sex : Female

Date of Birth: 1/5/1977

Languages_ : Arabic: Native Language
English: Good command

Home address: 15 El Amin Street – Shebin El Kom -
Menoufia

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Marital state : Married

No. of children : Four

Current job:

≡ **Professor of Medical Biochemistry and Molecular Biology
Departement- Faculty of Medicine – Menoufia University.**

≡ **Vice dean for Education and students affairs - Faculty of
Medicine – Menoufia University.**

≡ **Head of Equal opportunities and Women Empowerment unit–
Menoufia University.**

≡ **Trainer in Faculty Leadership Development Center –
Menoufia
University**

≡ **Trainer in Strategic Studies center.**

Pervious jobs:

≡ **General Manager of Quality Assurance Unit Faculty of
Medicine – Menoufia University(2015- 2021)**

= **Deputy Manager of Quality Assurance Center – Menoufia
University 2019-2023 .**

≡ **Vice dean for student affairs - Faculty of Dentistry – Menoufia
University.2021-2023.**

= **Vice dean for Social and Enviromental affairs – Faculty of
Medicine – Menoufia Univeristy**

Certificates

1- **M.B.B.Ch Degree (Very good with honor degree). December 2000,
Faculty of Medicine, Menoufia University.**

- 2- MSc Degree Of Medical Biochemistry October 2005 very good.
Faculty of Medicine, Menoufia University
- 4- MD Degree of Medical Biochemistry, May, 2009.
- 5- Associate Trainer Certificate from International Board of Certified Trainers (IBCT), 2015.
- 6- Diploma in Quality Assurance and Accreditation Systems, Ain Shams University, 2016
- 7- Certified Professional Trainer Certificate from IBCT, 2017.
- 8- Diploma in Medical Education. Arab Institute for Continuous Professional Development. Arab Medical Union, 2019.
- 9- American fellowship in healthcare profession education (FAIMER Institute) 2024.
- 10- Diploma in Quality in Health Care Provision .2025

Previous positions

1- House Officer in Menoufia University Hospital March 2001 – February 2002.

2-Resident Doctor: Pediatric Department, El Bagour General Hospital, April 2002-Sep 2002.

3-Demonstrator of Medical Biochemistry Department: October 2002 – November 2005.

4-Assistant Lecturer of Medical Biochemistry Department: December 2005 – Aug 2009.

6-Lecturer of Medical Biochemistry Department: September 2009.

7- Deputy Manager of Quality Assurance Unit - Faculty of Medicine – Menoufia University: March 2015 until April 2016.

8- **General Supervisor of Medical Biochemistry Department,** Faculty of Applied Health Science, Menoufia University, 2015- 2016

Membership:

1- The Egyptian Society of Biochemistry and Molecular Biology.

2- The Egyptian Society of Quality.

3- Member in Editorial Board of Menoufia Medical Journal, 2014-2016.

4- Member in the board of directors of quality assurance unit from 2015 till now.

5- Member in Menoufia Faculty of Medicine Council May 2016 till now.

6- Member in Student and Teaching Affairs Committee, Faculty of Medicine, Menoufia University May 2016 till now.

7- Member in Quality Assurance Committee of International Faculty and Leadership Development Center(FLDC), 2015 till now.

8- Member in Student Support Unit, Faculty of Medicine, Menoufia University, 2015 till now.

9-Member in Curriculum Committee of Faculty of Medicine Menoufia University, 2018 till now.

10- Member in the central committee of "Government Excellence Reward "Menoufia University, February2020 till now.

11- Member in "Distant learning follow up committee" Menoufia University,September2020 till now.

12- Member in "Quality Curriculum Committee" Menoufia University ,October 2020 till now.

13- leader of " ISO certification" team (ISO 9001- 2015) Menoufia University, July 2019 till now.

14- Menoufia Univeristy coordinator for (The equal opportunities and Women Empowerment Award.

15- Menoufia Univeristy coordinator for the best Environment-friendly university.

16- Member in "Standing Committee for Government Excellence Practices".

Lab and center establishment:

Member of the committee responsible for Cental Research Lab – Faculty of Medicine- Menoufia University establishment.

Editorial board and Reviewing participation:

1- Member in Editorial Board of Menoufia Medical Journal, 2014-2016.

2- Peer Reviewer in World Journal of Cardiovascular Diseases 2015.

Training courses recieved

1- G.P. Training (Menoufia University Hospital), one year, March 2001- February 2002.

2- Methods of Scientific Research (FLDC), three days, 2004.

3- Thinking skills (FLDC), three days, 2005.

4- Recent Aspects in Teaching (FLDC), three days, 2006.

5-Preparation of Research Project (FLDC), three days, 2006.

6-Coures Design (FLDC) three days, 2006.

- 7-Credit Hours Teaching Programs (FLDC), three days, 2008.**
- 8- Molecular Biology Techniques Training Program, Ain- Shams University, 2010.**
- 9- Planning and Designing Presentation, two days Jan 2012.**
- 10- Delivering presentation, two days Jan 2012.**
- 11- Stem Cell Workshop, El-Kasr El Aeiny, March 2013.**
- 12- Real Time PCR workshop, El-Kasr El Aeiny March 2014.**
- 13- How to Conduct Research Team (FLDC), October 2014.**
- 14- IBCT Associate Trainer Course, (IBCT), 2015.**
- 15- Self Evaluation (NAQAA), 2015.**
- 16- Course Specification (NAQAA), 2015.**
- 17- Strategic Planning (NAQAA), 2016.**
- 18- External Auditing (NAQAA), 2016.**
- 19- Effective Lecturing (Medical Education Center, El- Kasr El- Aeiny), 2016.**
- 20- Methods of Assessment (Medical Education Center, El- Kasr El Aieny), 2016.**
- 21-Towards developing the skills of graduates of higher education institutions(Medical sector). Ministry of higher Education in calloberation with NAQA AE, October2016.**
- 22- IBCT Certified Professional Trainer course (IBCT), 2017.**
- 23- International Labour Organization: Introduction to your business, 2017.**
- 24- The Modified NARS in Medical Sector, NAQAA 2017.**
- 25- Leadership course, Unifying The Definitions Of Quality Between Academic Leaders (NAQAA), 2018.**

26-Building a sustainable quality culture:from internal quality assurance to external quality assurance. CLICKS,2019

27- External Reviewing secrets. NAQAAE, 2019

28- Competency- based Education, , Alexandria University, ADIP 2019,

27- Training of trainer (Associate level). The supreme council, 2019

28- Competency- based Education, NAQAAE, 2020

29- Teaching Excellency in medical education (patch 2), Military Academy 2019.

30- Teaching skills and professionalism, Medical Education center, Menoufia University in collaboration with FAIMER. 2020

31- Re-Thinking Student Assessment in Online Learning. CLICKS,2020.

32- Planning the New Normal: How has the Pandemic Changed Higher Education?. CLICKS,2020

33- Quality assurance for online education. CLICKS,2020.

24-Designing academic progams fom concept to implementation.NAQAAE 2026.

25-Microcredentials and Naional qualification framework .NAQAAE 2026.

PRIZES and AWARDS

1- The Best Research Award of the Ninth National Conference of the Scientific Research Academy, 2012

2-- The Best Research Award of the Ninth National Conference of the Scientific Research Academy, 2013

3- International Publication Award for:

Paraoxonase 1 Gene (Gln¹⁹²-Arg) Polymorphism and the Risk of Coronary Artery disease in Type II Diabetes Mellitus. *World Journal of Cardiovascular Diseases*. 2012; 2 (1):29-37.

4- International Publication Award for:

The Role of Oxidative Stress and NADPH Oxidase P22phox Polymorphism in Acute Kidney Injury Patients. *Journal of American Science*, 2011; 7(9)373-380.

5- International Publication Award for:

Evaluation of Serum Leptin and Androgens Levels in Preeclampsia: Relation with disease severity. *Journal of American Science*, 2011;7(9)366-372.

6- Bahgat Abd El-Metaal Prize:

For the Best Faculty Member in Menoufia University, 2014.

7-Excellence shield:

For succeeding in reaccreditation of the Faculty leadership Development Centre from IBCT(The International Board of Certified Trainers).

8- Excellence shield:

For being the team leader responsible for the reaccreditation of Faculty of Medicine-Menoufia University.

Training Activities:

Previous programs had been a trainer in:

1-Total Quality Management in Health Care.

- 2-Quality in Medical Education.**
- 3-Introduction to Medical Education.**
- 4- Small Group Teaching.**
- 5- Successful Team Work.**
- 6- Problem Solving and Decision Making.**
- 7-Communication Skills.**
- 8- Human Resources Development.**
- 9- Time Management.**
- 10-Ethics of Scientific Research.**
- 11-Professional ethics.**
- 12- Crisis management in higher education.**
- 13- Self -assessment in higher education.**
- 14- Student support and Academic supervision.**
- 15- Teaching Strategies.**
- 16- Intended learning outcomes.**
- 17- Blended learning.**
- 18- Essential teaching skills in online teaching.**
- 19- Enviromenal Excellence standards.**
- 20- Dean qualification course.**
- 21- Innovation skills in Leaderships.**
- 22- Principles of corruption for leaders.**

SCIENTIFIC ACTIVITIES

1- MSc Thesis: Diagnostic Value of Anticitrulline Antibody in Rheumatoid Arthritis, 2005

2- MD Thesis: Clinical Applications of Cell-Free Fetal DNA in Maternal Plasma, 2009.

Supervised MSc and MD theses:

1- The Potential Association of Heat Shock Protein 70-2 + 1267 A / G Gene Polymorphism and Nephropathy in Type 2 Diabetic Patients.

2- Evaluation of Total Serum Immunoglobulin -E in Non-Atopic Alopecia Areata Patients.

3- The Value of Urinary Surviving as a Marker in Bladder Cancer.

4- The Potential Usefulness of Endogenous Secretory Receptor of Advanced Glycated End Product (esRAGE) for Patients with Hypertension and Type 2 Diabetes Mellitus.

5- Oxidative stress in Alopecia Areata.

6- Role of Hormones and Blood Lipids in Pathogenesis of Acne Vulgaris.

7- Procalcitonin for Discrimination Between Viral and Bacterial Lower Respiratory Infection.

8- KIM-1 as an Early Marker of Acute Kidney Injury in Critically-Ill Patient.

9- Assessment of Insulin Resistance in Obese Patients with Acanthosis Nigricans.

10- Study of the Role of TNF- α Gene Polymorphism in Pathogenesis of Psoriasis Vulgaris.

11- Estrogen and Progesterone Hormones and Receptors in Melasma.

12- Procalcitonin as a Marker of Infection in Patients with Hemodialysis.

13- The value of Assessment of Serum and Pleural Dkkopf-1 Concentration in The Differentiation Between Malignant and Non-Malignant Pleural Effusion.

14- Study of serum Hecpidin in patients with Chronic Hepatitis C.

15- Study of Ascetic Fluid of Calprotectin in Cirrhotic Patients with Spontaneous Bacterial Peritonitis.

16- The Relationship Between Thyroid Hormone level and Severity and Etiology of Liver Cirrhosis.

17- Serum Zinc in Vitiligo.

18- A Study Linking Serum Levels of Surfactant Protein-D, its genetic polymorphisms to risk of Chronic Obstructive Pulmonary Disease.

19- Assessment of Endothelin-1 mRNA in Diabetic Retinopathy.

20- Apolipoprotein E gene polymorphism in the risk of development of nephropathy in type 2 diabetic patients.

21- A Study of Serum SP-D levels in Patients with COPD and Type 2 Diabetes Mellitus.

22-The Association Between C677T Single Nucleotide Polymorphism of Methylenetetrahydrofolate Reductase Gene and Colorectal Cancer.

23- Role of Selectins in Alopecia Areata

24- Serum Zinc and Copper Levels in Children with Intractable and Controlled Epilepsy.

25- Study of Possible Correlation between Tumor Necrosis Factor Alpha and Post Dialysis Fatigue.

26- Serum Adipokines Level in Children with Atopic Dermatitis.

27- Apolipoprotein-1 gene polymorphism in hypertensive nephrosclerotic Egyptian patients.

28- Study of serum level of mast cell tryptase in chronic renal failure patients and its relation to severity of pruritis.

29 - Resistin gene polymorphism in acne vulgaris.

30- Study of serum endotoxin in patients with liver cirrhosis with and without hepatic encephalopathy.

31- UL 16 Binding Protein 3 Gene Expression: Does It Have an Association with alopecia areata?

32- Genetic Polymorphism of Liver X Receptor Gene in Vitiligo: Does It Have an Association?

33 - Helicobacter Pylori infection in palm and sole of psoriatic patients.

34- The study of long non- coding RNAs (NAALADL2 AND XIST) gene expression in diffuse large B cell lymphoma.

35- - Protein tyrosine phosphatase non-receptor type 22 gene polymorphism in alopecia areata: Does it have an association with disease severity?

36- Squamous Cell Carcinoma Antigen Serum Level in patients with Psoriasis.

22- Assessment of serum vascular Endothelial Growth Factor Receptor Three in psoriatic patients. MMJ . Accepted 8-8-2020.37-

37- Assessment of serum (YKL-40) as an early diagnostic marker of diabetic nephropathy in patients with type 2 diabetes mellitus.

38-Myosin heavy chain(9) gene polymorphisms(rs3752462 and rs4821480) in diabetic nephropathy.

39- Serum level of brain-derived neurotrophic factor and its association with psychological symptoms in female with acne vulgaris.

40- The effect of academic accreditation on higher education.

Papers and lectures as conference participation

1-Biochemistry and Molecular Biology, 2010." **Application of Cell-Free Fetal DNA in Maternal Plasma"**.

2- The 9th National Conference of Scientific Research Academy, March 2012." **Association Analysis of Genetic variations of e NOS and $\alpha 2\beta 1$ Integrin Genes with Type 2 Diabetic Retinopathy"**

3- The 10 th National Conference of Biochemistry and Molecular Biology and their role in development, March 2013 "**Association between Genetic Polymorphism of Renin-Angiotensin System and Development of End Stage Renal Disease"**

4- BIO CHEM Cairo 2013"Molecular Biochemistry in Clinical Practice" March 2013" **Value of Urinary Survivin as a Marker in Bladder Cancer"**.

5-The Annual Scientific Conference of Egyptian Society of Biochemistry and Molecular Biology, 2012" **Assessment Of Interleukin -15 (IL-15) Gene Polymorphism in Adult Patients with Acute Lymphoblastic Leukemia"**.

6- BIO CHEM Cairo 2014"Egypt's Premier Event on Molecular Biochemistry in clinical practice" **The Potential Association of Heat shock protein 70-2+1267A/G Gene Polymorphism and Nephropathy in Type 2 Diabetic Patients"**.

7-The 23rd Annual Conference of Menoufia Faculty of Medicine "Stem Cell vs Organ Transplantation", 2016"**Quality Assurance in Medical Education"**.

8- The 8th Arab International Conference of Quality Assurance in Higher Education(IACQA,2018) "**The effect of Academic Accreditation on The Quality of Educational Process, Faculty of Medicine, Menoufia University as an example.**

10- Banha University annual conference 2019." **Change Management in Menoufia Faculty of Medicine new program"**.

11- The Annual Conference of Menoufia Faculty of Medicine "New modalities in Medicine"2019."**The role of genetic polymorphism in NASH"**.

Conferences Attendance

1- The Annual Scientific Conference of Egyptian Society of Biochemistry and Molecular Biology, 2010.

2- The XXI Annual conference of the Egyptian Society of Laboratory Medicine, 2010.

3- Menoufia Nephro Club (MNC) 2nd, 2010.

4- Quality of Medical Education: The 19th scientific annual conference of Menoufia Faculty of Medicine, May 2012.

5- Molecular Biochemistry In Clinical Practice, March 2013.

6- The 9th National Conference of Biochemistry and Molecular Biology, Scientific Research Academy, March 2012.

7- The 10 th National Conference of Biochemistry and Molecular Biology and their role in development, March 2013.

8- BIO CHEM Cairo 2013" Molecular Biochemistry in Clinical Practice" March 2013

- 9- The 11th National Conference of Biochemistry and Molecular Biology "Diseases Diagnosis & Health Care" March 2014**
- 10- BIO CHEM Cairo 2014"Egypt's Premier Event on Molecular Biochemistry in clinical practice" March 2014**
- 11-The 30th Annual Conference of Tanta University Faculty of Medicine "Multidisciplinary Medicine" ,2015**
- 12-The 23rd Annual Conference of Menoufia Faculty of Medicine "Stem Cell vs Organ Transplantation", 2016**
- 13- The24th Annual Conference of Menoufia Faculty of Medicine "Fight Against Cancer", 2017**
- 14-The 4th International Conference of National Authority For Quality Assurance and Accreditation of Education "Quality Assurance of Education: Bridging Gaps and Building Trust ", 2017**
- 15-The 6th Conference of Clinical Pathology Department with The Egyptian Society of Laboratory Medicine": Laboratory Medicine: Era of Target Therapy", 2017**
- 16-Bio Chem Cairo 2018, Molecular Biochemistry in Declaration and Clarification of Health and Disease, March 2018.**
- 17 - The 8th Arab International Conference of Quality Assurance in Higher Education(IACQA,2018).**
- 18- The first International Conference of Quality Assurance Center – Sadat City University , 2018.**
- 18-The 5th International Conference of National Authority For Quality Assurance and Accreditation of Education "Quality Assurance of Education: Reflections...Hopes.... ", 2017**
- 19-9- The 24th Annual Conference of Menoufia Faculty of Medicine "Fight against cancer"2017.**
- 20- Banha University Annual Conference, 2020.**

21- The Annual Conference of Menofia Faculty of Medicine "New modalities in Medicine"2019."The role of genetic polymorphism in NASH".

22- The second Annual Conference of Sadat City University Quality Assurance Center "Quality Assurance and Challenges in Arab Higher Education Institutions" , December2020.

Conference Organization

1- Conference of the first annual student conference of quality assurance unit "Accreditation Standards"2017.

2- Conference of the second annual student conference of quality assurance unit "Accreditation is our way"2018.

3- Conference of the third annual student conference of quality assurance unit "Student Engagement"02020

4- Conference Secretary of the first International Conference of Quality Assurance Center- Menoufia University"Interpreunership and Quality in Higher Education"2018.

5- Chair Person in the Annual Conference of Menofia Faculty of Medicine "New modalities in Medicine"2019.

6- General Secretary of the 29th Annual Conference of Menofia Faculty of Medicine "AI in Medicine"2024.

7-President of the second Annual conference for community serice and environmental affairs Menoufia University.2024

8- General Secretary of the 30th Annual Conference of Menofia Faculty of Medicine "The health presidential Initiated: Drafting a new health map"2025.

Symposium organization and participation:

1-"Academic Supervision: Implementation and Challenges"2017
symposium for students and staff members of Menoufia Faculty of
Medicine.

2-"Quality Standards of Online Learning " symposium for staff
members of Menoufia Faculty of Agriculture.2020

3- "Blended Learning in Higher Education" symposium for staff
members of Menoufia Faculty of Education.2020

4- "Quality of blended learning"symposium for staff members of
Menoufia Science and Engineering Faculties 2020.

Workshops Organization:

1- "post graduate programs specification and benchmarking"
workshop for quality coordinators.

2- "The second edition of NAQAAE accreditation standards 2015"
workshop for standard coordinators of Menoufia Faculty of
Medicine.

3- "Constructive alignment" workshop for quality coordinators.

List of Publications:

1- Clinical Application of Cell- Free Fetal DNA in Maternal Plasma.
EJB, April 2010.

2- The Role of Oxidative Stress and NADPH Oxidase P22phox
Polymorphism in Acute Kidney Injury Patients. Journal of American
Science, 2011; 7(9)373-380.

3- Paraoxonase 1 Gene (Gln192-Arg) Polymorphism and the Risk of
Coronary Artery disease in Type II Diabetes Mellitus. World Journal
of Cardiovascular diseases. volume 2012; 2 (1)29-37 Jan.

4- Evaluation of Serum Leptin and Androgens Levels in Preeclampsia: Relation with Disease Severity. Journal of American Science, 2011; 7(9)366-372.

5-Assessment Of Interleukin -15 (IL-15) Gene Polymorphism in Adult Patients with Acute Lymphoblastic Leukemia. EJB 2012, 30(2)

6-Association Analysis of Genetic variations of e NOS and $\alpha 2\beta 1$ Integrin Genes with Type 2 Diabetic Retinopathy. Application of Clinical Genetics 2012, 5:55.

7- Association between Genetic Polymorphism of Rennin-Angiotensin System and Development of End Stage Renal Disease: Relation with Disease Progression. J.Med. Sci 2013, 13(3):151-159

8- Oxidative Stress In Alopecia Aerate: a case control study. Am. J. Clin. Dermatol, 2014, 15(1):57-64.

9- Value of Urinary Survivin as a Marker in Bladder Cancer. Anal Quant Cytopathol Histopathol 2014, 36(3):121-127.

10- The Potential Association of Heat shock protein 70-2+1267A/G Gene Polymorphism and Nephropathy in Type 2 Diabetic Patients. MMJ 2014, 27(3):589

11- Endogenous Secretory Receptor of Advanced Glycated End Products Of Type 2 Diabetic And Hypertensive Patients. MMJ 2014, 27(2):395

12- Total serum immunoglobulin E in patients with Alopecia Areata .Indian Dermatology Online Journal 2014, 5(2):122.

- 13- Study of Tumor Necrosis Factor- α -308 Promotor Polymorphism in Psoriasis Vulgaris. Journal of the Egyptian Women Dermatology Society 2014, 11(2-P) 117- 122.**
- 14- Kidney Injury Molecule-1 As An Early Marker of Acute kidney Injury In Critically- ill Patients. MMJ 2013, 26 (2): 98-104.**
- 15-Procalcitonin For Discrimination Between Bacterial And Viral Lower Respiratory Tract Infections .MMJ 2014, 27(4):717.**
- 16- Influence of Previous Moderate Training on the Elevated Serum Levels of Growth Factors and Inflammatory Mediators in Rats Exposed to Acute Exhausting Physical Exercise. American Journal of Medicine and Medical Sciences 2014, 4(6): 223-229.**
- 17- Pleurotus Ostreatus Opposes Mitochondrial Dysfunction and Oxidative Stress in Acetaminophen-induced Hepato-renal Injury. BMC Complementary and Alternative Medicine 2014, 14:494.**
- 18- Relationship between thyroid hormone levels and severity of HBV and HBC related liver cirrhosis. Nature and Science 2014;12(12):89-94**
- 19- Study of Ascitic Fluid Calprotectin in Cirrhotic patients with spontaneous bacterial peritonitis. Journal of hepatology, gastroenterology in infectious diseases 2014. Volume 4.**
- 20-Role of Hormones and Blood Lipids in The Pathogenesis of Acne Vulgaris in Non-Obese, Non-Hirsute Females .Indian Dermatol Online 2014,5(1):S9-S16**
- 21-Paroxenase 2 Gene (Cys 311 Ser) Polymorphism and the Risk of Coronary Artery Disease. W J Cardiovasc Dis 2014, 4(9):465.**
- 22-Study Of Serum Zinc in Vitilligo. MMJ 2015, 28(2):377**

23- The value of Assessment of Serum and Pleural Dickopf-1 Concentrations in the Differentiation Between Malignant and Non-Malignant Pleural Effusion. The Egyptian Journal of Chest Diseases and Tuberculosis 2016, 65(1):193-197

24- A study of changes in ET-1 gene expression in peripheral blood mononuclear cells in patients with diabetic retinopathy. MMJ 2016, 29(4): 904.

25- Anti- Oxidant Effect of Allicin on High Fat Diet- Induced Obesity. Journal of international society of Antioxidants in Nutrition and Health 2016 Volume 3 (1).

26-A Study Of The Effect Of Estrogen, Progesteron, and Their Cutaneous Receptors in The Pathogenesis of Melasma. MMJ 2016, 29(2):389.

27-Tranforming Growth Factor β 1 Polymorphism and serum levels in Egyptian Patients with Interstitial Lung Diseases. . The Egyptian Journal of Chest Diseases and Tuberculosis (2017) 66, 487–495

28-Surfactant Protein D In Chronic Obstructive Pulmonary Disease And Type 2 Diabetes Mellitus. MMJ 2017, 30(1):297-304.

29-Interleukin -10 Gene Polymorphism and Lepra Reactions: Susceptability and Immunological Correlations. MMJ 2017, 30(3):940-945.

30- Study of Serum Hecpidin in Patients With Chronic Hepatitis C.MMJ 2017, 30:721-726

31- C667T Single Nucleotide Polymorphism of Methylenetetrahydrofolate Reductase Gene and Colorectal Cancer. MMJ 2017, 30:1057-1064

- 32- Role of selectins in Alopecia Areata. Stem Cell 2017;8(3):46-50.**
- 33-Serum Adipokines Level in Children with Atopic Dermatitis Arab J Lab Med 2018, 43(2):183-193.**
- 34- Study of tumor necrosis factor α in postdialysis fatigue patients. MMJ 2018,31:946-95**
- 35- Elevated CYP2E1 Expression In patients with diabetic nephropathy. Arab. J. Lab. Med. (2018) Vol. 43, No. 3 : 447 - 457**
- 36- Study of serum endotoxin in patients with liver cirrhosis with a without hepatic encephalopathy. MMJ 2019, 32:363–367**
- 37- Apolipoprotein-1 (Apol-1) Gene Polymorphism in Hypertensive Nephrosclerosis Egyptian Patients. Med. J. Cairo Univ.2019 Vol. 87, No. 3, June: 1415-1428**
- 38- Protein tyrosine phosphatase non-receptor type 22 gene polymorphism in alopecia areata: Does it has an association with disease severity? JCosmo Dermatol 2020;19:3138–3144.**
- 39- Genetic Polymorphism of Liver X Receptor Gene in Vitiligo.J Cosmo Dermatol 2020. Accepted 28/9/2020.**
- 40- Serum mast cell tryptase in renal failure patients and its relation to severity of pruritus .MMJ.Accepted 25-12-2019**

- 41- Assessment of serum vascular Endothelial Growth Factor Receptor Three in psoriatic patients. MMJ . Accepted 8-8-2020.**
- 42- Helicobacter Pylori infection in palm and sole of psoriatic patients .MMJ . accepted 20 /10/2019.**
- 43- Squamous Cell Carcinoma Antigen Serum Level in patients with Psoriasis. MMJ. in press.**
- 44- The Study Of Long Non-Coding RNAs (NAALADL2 And XIST) Gene Expression In Diffuse Large B Cell Lymphoma . EJB Accepted 16-2-2020.**
- 45- Assessment of serum (Ykl-40) as an early marker of diabetin nephropathy in patients with type 2 diabetes mellitus. The Egyptian Journal of Hospital Medicine, 2020; 81 (5): 2071-2077**
- 46- Addressing Students' Uncertainty During COVID-19 from the Social Accountability Standpoint, A Case Study of Menoufia Medical School. Social Innovations journal 2020;3**
- 47- UL 16 Binding Protein 3 Gene Expression: Does It Have an Association With Alopecia Areata?. BMJ Research Notes.**
- 48- Evaluation of mRNA expression level of the ATP synthase membrane subunit locus 1(ATP5G1) gene in patients with Schizophrenia . Biochemistry and Biophysics reports2022,30:101234.**
- 49- COVID-19 susceptability, severity, clinical outcome and Toll-like receptor 7 mRNA expression deriven by TLR7 gene polymorphism**

in middle aged individuals without previous comorbidities .Gene Reports2022(27):101612.

50- Serum resistin levels and resistin gene polymorphism in patients with acne vulgaris: does it correlate with disease severity?International J of Dermatol 60(10):1270- 1277

51- Concurrent detection of the mitochondrial DNA copy number and the +35G/C polymorphism in the mitochondrial transcription factor A gene in endometriosis. Archives of Biochemistry andBiophysics2024:110152