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Personal Data

Name: Amany Tawfik Mohammed El-Fakhrany

Nationality: Egyptian

Religion: Moslem

Date of birth: 25/10/1972

Age: 50 years.

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Address: Minoufiya University, Faculty of Medicine,
Clinical Pharmacology Department.
Yassin Abdel Ghaffar St. – From Gamal Abdel
Anasar St.
Postal Cod
32511

Gender: Female

Marital status: Married and have 4 children

Qualifications:

- M.B.B.Ch. September 1995, V. Good with honor degree.
- Resident doctor in Forensic & Toxicological medicine (April, 1998).
- Master degree in basic medical science (Clinical Pharmacology) January 2002, Very GOOD.
- Title of M.Sc. Thesis: The Effect of Carvedilol in Post-ischemic Splanchnic Tissue injury in rats

Special courses: Main: Clinical Pharmacology

Subsidiary: Physiology

- Ph.D in Clinical pharmacology (April, 2010)

Specialty: Clinical Pharmacology (Immuno-pharmacology)

Title of Ph.D Thesis: Effect of Atorvastatin, minocycline and Leflunomide in treatment of rheumatoid arthritis induced experimentally in rats

Special Courses: Main: Immuno-pharmacology

Subsidiary: Immunology.

Working Experience and Previous Jobs:

- Currently a Lecturer of Clinical Pharmacology at Minoufiya Faculty of Medicine, Egypt since 23-8- 2010
- Research associate to Nara Medical University, Japan
- Teaching experience for Basic Medical Science (Pharmacology lectures and Practical classes) to 3rd grade university students for 13 years in Egypt.
- Teaching experience for Basic Medical Science to 3rd grade Nara School of Medicine university students since September, 2005 (lab. Experiments on primates, like rats, frogs, rabbits, guinea pigs).
- Effective teaching Course sponsored by Faculty and Leadership development project (FLDP).
- Effective Communication skills by (FLDP).
- Methods of Scientific Research by (FLDP).
- International Test of English as a Foreign Language (passed successively with maximum grades.
- Volunteer Member at Nara International Exchange Center.
- Assistant professor of pharmacology - Applied Medical Science College - Shaqraa University – KSA -for three years
- Assistant professor of pharmacology-Pharmacy College Shaqraa University for five years
- House Officer Doctor at El-Minoufiya university hospital, Egypt from 1/03/1995 to 1/03/1996.
- General practitioner Doctor at the ministry of health, Egypt from 01/03/1996 to 1/9/1996.

- Emergency Doctor for Gynecological & Obstetric cases and preterm babies at El-Mwassa Islamic Specialized hospital , Shibin El-kom, El-Minoufiya, Egypt from 1/3/1997 to 1/3/1998
- Resident Doctor in Clinical Toxicology & Forensic Medicine Department, at El-Minoufiya university hospital, Egypt from 2/10/1997 to 20/5/1998.
- Demonstrator of Clinical Pharmacology Department, Faculty of Medicine, El-Minoufiya University, Egypt from 20/5/1998 to 10/9/2002.
- Assistant lecturer of Clinical Pharmacology Department, Faculty of medicine, El-Minoufiya University, Egypt from 10/9/2002.
- Nominated for a mission in Immuno-pharmacology at Pharmacology Department, Nara Medical University, Japan for two years and passed the international courses in Pharmacology and English communication with Excellent grade.

Special Skills:

- International Computer Driving License ICDL (7 levels) passed successfully since 2004.
- Familiar with all Windows versions, internet application, Microsoft Office & Adobe Photoshop (Developing presentation, Lectures and teaching materials).
- Advanced Life support course successfully completed according to the European Resuscitation Council.

Memberships:

- Member in Egyptian Society of Pharmacology & Experimental Therapeutics.
- Member in European Resuscitation Council (ERC) and the Egyptian Resuscitation Council (Eg. RC).
- Member of HEEP project (Higher Education Enhancement Project).
- Member of CIQAP (Continuous Improvement and Qualifying for Accreditation Project).

Languages:

Native: Arabic

Foreign: English (Fluent both spoken & written),

: Japanese (Basic).

: French (Fair good both spoken & written).

Hobbies:

Reading, Drawing, Travelling, Playing Basketball, Playing Chess

Research Career & Conferences Attendances:

- + Attend the Japanese Language Teaching Classes at the International Nara Communication hall & at Nara International Exchange Center for one year.
- + Passed the university teacher preparation course.
- + Passed the International Young leaders preparation course.
- + Passed the faculty and leaders development project courses.
- + Contribute in the annual conferences of the Faculty of medicine, Minoufiya University, Egypt.
- + Appointed in the annual Conference of the Tokoushima University, Japan.
- + Mini Master in Medical Administration from American University of Science & Technology (AUST) – 100 credit Hours ; Excellent grade on May 2022
- + Training of Trainers Diploma From American University of Science & Technology (AUST) – 50 credit Hours ; Excellent grade on May 2022
- + Family Counseling Diploma From American University of Science & Technology (AUST) – 50 credit Hours ; Excellent grade on May 2022
- + Diploma in (Preparing Arab Women Leaders From Afro Asian Union for Intrnational Law & dispute settlement in Cooperation with International Leadership Center – 100 credit Hours – May 2021
- + Participation in Organizing Committee and Speaker in the 27th Annual Conference of Faculty of Medicine – Menoufia University which was held on 22-23 March 2022.
- + Participation in the 26th Annual Conference of Faculty of Medicine – Menoufia University “ Future Therapies &New Modalities in Medicine” which was held on 1-3 December 2019.
- + Certificate of training Course (Stem Cell Hands-on Workshop) From Central Laboratory Unit – Faculty of Medicine – Menoufia University for 12 Hours which was held on 27-28 August 2019.
- + Participation in the 18th Scientific Annual Conference of Faculty of Medicine – Menoufia University “University Hospitals Between Reality and Hoped” which was held on 15 May 2011.
- + A workshop entitled E-learning: Availability of learning resources - evaluation and exams, at the E-Learning Center, Tanta University, on 2/17/2018
- + The Thirty-Second Annual and Fourth International Conference of Tanta Medicine under the title "Towards a Better Medical Practice: Evolution of International Standards I" held from 7-10/3/2017

- ✚ Coordinator of the pharmacology session at the thirty-first annual and third international conference of Tanta Medicine, held from 7-10/3/2017
- ✚ A workshop entitled Guidelines for Computers in Pharmacology held during the Thirty-second Annual and Fourth International Conference of Tanta Medicine held from 7-10/3/2017
- ✚ A basics of cell culture course held in the central laboratory of Tanta University in partnership with the Department of Medical Pharmacology at the Faculty of Medicine, Tanta, from 13-20/8/2017
- ✚ The 33rd and 5th Annual International Conference of Tanta Medicine under the title "Towards a Better Medical Practice: Evolution of International Standards II" held from 6-9/3/2018
- ✚ A workshop entitled Using Multimedia and Software as Modern Teaching Tools held during the Thirty-third Annual and Fifth International Conference of Tanta Medicine held from 6-9/3/2018
- ✚ A workshop entitled Research Skills in Dealing with Experimental Animals held during the Thirty-third Annual and Fifth International Conference of Tanta Medicine, held from 6-9/3/2018
- ✚ A teachers' course in the competency-based curricula held at the Faculty of Medicine, Tanta, during September 2018
- ✚ The 34th and 36th International Annual Conference of Tanta Medicine under the title "Towards a Better Medical Practice: Evolution of International Standards III" held from 5-8/3/2019
- ✚ The first annual conference of the Egyptian Society for Cancer Research, held at the Tanta University Conference Center from 21-22/4/2019
- ✚ The thirty-fifth and seventh annual international conference of Tanta Medicine under the title "Modern Medicine between Reality and Ambition" held from 3-6/3/2020
- ✚ The workshop entitled Anatomy of Laboratory Animals and Training on a Group of Neurological and Behavioral Tests, held on 5/3/2020 at the Faculty of Medicine, Tanta
- ✚ A workshop entitled Producing a scientific file using the Latex program during the thirty-fourth annual and sixth international conference of Tanta Medicine, held from 5-8/3/2020
- ✚ The 67th Scientific Conference of the Fertility Research Society, Vancouver, Canada, which was held virtually from 10-14 March 2020
- ✚ The 67th Scientific Conference of the American Fertility Society, USA, held from 1-4 September 2020
- ✚ The Thirty-sixth and Eighth Annual International Conference of Tanta Medicine "and the first virtual conference entitled 'Scientific

Research in Confronting Covid 19 and the Future of the World After This Pandemic" held from 26-28/5/2021

- ✚ The 37th and 39th International Annual Conference of Tanta Medicine "Artificial Intelligence - Present and Future" held from 7-27/7/2022

Attend the courses of the International Center for Capacity Development of Faculty Members and Leaders at Tanta University:

- ✚ The training program (examination systems and student evaluation) from 8/19/2022 to 8/20/2022
- ✚ The training program (International Scientific Publishing) from 8/17/2019 to 8/18/2020.
- ✚ The training program (communication skills in different education styles) from 8/29/2022 to 8/30/2022.
- ✚ The training program (management of the research team) from 10/26/2022 to 10/27/2022.
- ✚ The training program (time management and meetings) from 10/24/2022 to 10/25/2022.

Attend the courses of the training center for faculty members, their assistants, and workers at Tanta University on information and communication systems and technology:

- ✚ Digital transformation course from 10/10/2022 to 10/11/2022.

HONORS AND AWARD:

- Received Merit Scholarship in every academic year from 1989-90 to 1995-1996 while studying B.Sc. of Medicine & Surgery, El-Minoufiya University.
- Awarded the first Exemplary Student prize academic year 1991-1992, Faculty of Medicine, El-Minoufiya University.
- Ranked as the fourth student in B.Sc., of Medicine & Surgery "90 Students" Faculty of Medicine, El-Minoufiya University.

List of Publications:

1. The Effect of Carvedilol in post-ischemic splanchnic tissue injury in rats.
2. M.Sc. thesis, Clinical Pharmacology Department, Menoufiya Univ., Egypt, 2002.
3. Effect of Atorvastatin, Minocycline and Leflunomide in treatment of rheumatoid arthritis induced experimentally in rats. Ph.D thesis, Clinical Pharmacology Department, Menoufiya Univ., Egypt, 2010.
4. Effects of length of polyglutamine tracts on polyglutamin-induced ER stress and intracellular signaling in PC12 cells. Nakayama H, Amany El-Fakhrany, Zhao Z, Isosaki M, Satoh H, Yoshizumi M. Journal of

- Pharmacological Sciences, 109, Supplement 1, 2009; 153P.
5. Neuroprotective effects of Pramipexol against Tunicamycin-induced cell death in PC12 cells. . Nakayama H, Zhao Z, Amany El-Fakhrany, Isosaki M, Satoh H, Kyotani Y, Yoshizumi M. Clinical and Experimental Pharmacology and Physiology 2009;36:1183-1185.
 6. Response to Cold Pressor Test in Normotensive Adult Females. Amany T. Elfakhrany, Doaa Rafat El Azab, Safaa A.A. Khaled. Int. J. Adv. Res. Biol. Sci. (2016). 3(10): XX–XX.
DOI:<http://dx.doi.org/10.22192/ijarbs.2016.03.10.XXX>
 7. Effect of Body Mass Index on Adherence to Physical Activity in Females. Safaa A.A. Khaled, Amany T. Elfakhrany, Doaa Rafat ElAzab. (2016). Int. J. Adv. Res. Biol. Sci. 3(11): 211-219. DOI: <http://dx.doi.org/10.22192/ijarbs.2016.03.11.027>
 8. Costunolide Suppresses the Metastasis of Hepatocellular Carcinoma Through Down Regulation of Matrix Metalloproteinases.
Heba Mohamed Abd El Kareem 1; Amany Tawfik Elfakhrany 2
1 Medical Biochemistry Department, Faculty of Medicine, Benha University.
2 Clinical Pharmacology Department, Faculty of Medicine, Menoufia University.
Published: The Arab Journal of Laboratory Medicine (2018) Vol. 43, No. 3: 439 – 445
 9. Gefitinib Versus Melatonin as Therapeutic Agents for Induction of Apoptosis in Hepg2 Hepatocellular Carcinoma Cell Lines
Heba Mohamed Abd El Kareem1; Amany Tawfik Elfakhrany2
1 Medical Biochemistry Department, Faculty of Medicine, Benha University.
2 Clinical Pharmacology Department, Faculty of Medicine, Menoufia University
Published: The Arab Journal of Laboratory Medicine (2018) Vol. 43, No. 3: 895 – 906
 10. Study of Virulence and Antibiotic Resistance of the Most Common Bacterial Species Causing Aerobic Vaginitis.
Rasha G. Mostafa1; Reem M. Elkholy 2; Amany T. Elfakhrany3; Safa H. Elkhals4
Amira H. Elkhayat 1
1 Department of Medical Microbiology and Immunology, Faculty of Medicine, Menoufia University
2 Department of Clinical Pathology, Faculty of Medicine, Menoufia University
3 Department of Clinical Pharmacology, Faculty of Medicine, Menoufia University
4 Department of Family Medicine, Faculty of Medicine, Menoufia University
Published: Egyptian Journal of Medical Microbiology (October 2020) Vol. 29, No.4, 101-108
 11. Effect of Fenofibrate on biochemical and vascular reactivity changes in aged rats.
Reda Abo Elfath Ahmed Abo- Elsoud 1; Amany Tawfik Elfakhrany2; Anwaar Mabrouk Hassan Shaban 1 ; Ahmed Mohamed Mohamed Gaafar 1

1Clinical Physiology Department, Faculty of Medicine, Menoufia University

2Clinical Pharmacology Department, Faculty of Medicine, Menoufia University

Published: Bull. Egypt. Soc. Physiol. Sci. (March 2022) Vol. (42). Issue (3), 294-302

12. Autophagy and Oxidative Balance Mediate the Effect of Carvedilol and Glibenclamide in a Rat Model of Renal Ischemia-Reperfusion Injury

Amany Tawfik Elfakhrany¹; Reda Abo Elfath Ahmed Abo-Elsoud²; Heba Mohamed Abd El Kareem³; Rehab Monir Samaka⁴; Safa Reyad Elfiky¹

¹ Department of Clinical Pharmacology, Faculty of Medicine, Menoufia University

² Department of Clinical Physiology, Faculty of Medicine, Menoufia University

³ Department of Medical Biochemistry, Faculty of Medicine, Benha University

⁴ Department of Pathology, Faculty of Medicine, Menoufia University

Published: Open Access Macedonian Journal of Medical Sciences. (Feb. 2022); 10(A):1402-1410.

13. Neuroprotective Effects of Losartan and Donepezil on Oxaliplatin-Induced Peripheral Neuropathy in Rats.

Shimaa Mohamed Elkholy¹; Eman Mohamed Sweed¹; Amany Tawfik Elfakhrany¹; Amira Fahmy Ali Elsayed²; Maha Mohamed Elbatsh¹

¹Clinical Pharmacology Department, Faculty of Medicine, Menoufia University

²Histology Department, Faculty of Medicine, Menoufia University

Accepted: Menoufia Medical Journal 7 August 2022

14. Sitagliptin and Pioglitazone Ameliorate Cognitive Impairment in Parkinson's Disease: Role of Autophagy and BDNF

Doaa Zaghlol. Shebl¹; Amany Tawfik Elfakhrany¹; Emad Metwaly. Elhenawy¹; Rehab Monir Samaka²; Maha Mohamed Elbatsh¹

¹Clinical pharmacology Department, Faculty of Medicine, Menoufia University

²Pathology Department, Faculty of Medicine, Menoufia University

Accepted: Menoufia Medical Journal 21 October 2022

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- Prof. Dr./ Mohamed Abdel-Aziz Ismail, Professor of Clinical Pharmacology, El-Minoufiya Faculty of Medicine, Egypt.

(Banha, Qalubiya, Egypt);

E-mail: mohamedafify2000@yahoo.com

- Prof. Dr. / Masanori Yoshizumi, Head of Pharmacology Department, Nara Medical University, (840 Shijo-Cho, Kashihara 634-8521, Nara, Japan).

E-mail: yoshizu@naramed-u.ac.jp

- Prof. Dr./ Hitoshi Nakayama, Ph.D, Department of Pharmacology, Nara Medical University.

E-mail: nakayama1948@yahoo.co.jp

CERTIFICATION : *I, the undersigned, certify that, to the best of my knowledge and belief, these data correctly described my qualification, my experience and me.*

Signature: Amany Tawfik El-Fakhrany

Thank you