

Mahmoud Gamil El Sebaei Abdelhamid

Assistant professor of Biochemistry.

Faculty of Veterinary Medicine,
Mansoura University,
35516, Mansoura City,
Egypt.



Assistant professor of Biochemistry.

Faculty of Veterinary Medicine,
King Faisal University,
Hofuf,
Kingdom of Saudi Arabia

Phone: +2 01285303512 & +201200773033 & 00966550416516

Email: mahmoudgamil30@yahoo.com & mgamil@mans.edu.eg & mabdelhamid@kfu.edu.sa

PERSONAL DATA

- *Date of Birth:* March 19, 1980
- *Marital Status:* Married
- *Nationality:* Egyptian

EDUCATION

Ph. D. of Biochemistry and Chemistry of nutrition September, 2011

- Title: **PCR in diagnosis of theileriosis in cattle.**
- School: Faculty of Veterinary Medicine, Mansoura University, Mansoura, Egypt.
- Department: Biochemistry and Chemistry of nutrition.

M. V. Sc. of Biochemistry and Chemistry of nutrition March, 2008.

- Title: **Effect of vitamin E and chromium picolinate supplementation on heat stress in New Zealand white male rabbits.**
- School: Faculty of Veterinary Medicine, Mansoura University, Mansoura, Egypt.
- Department: Biochemistry and Chemistry of nutrition.

B. V. Sc. of Veterinary Medicine May, 2004

- School: Faculty of Veterinary Medicine, Mansoura University, Mansoura, Egypt.
- Grade: Very Good.

PUBLICATIONS

1- Mohmoud G. El- Sebaei; G.R. EL-sayed and S. El-sherbini. (2009). " *Effect of vitamin E and chromium picolinate supplementation on heat stress in New Zealand white male rabbits* ". The 5th International Scientific Conferences of the Faculty of Veterinary Medicine - Mansoura University/ Mansoura - Egypt. April, 2009.

2- Mohmoud G. El- Sebaei; G.R. EL-sayed and S. El-sherbini. (2011) "Diagnosis Of Theileriosis In Cattle By Using Polymerase Chain Reaction" (PCR). *Mansoura Vet. Med. J. XIII, 1,167–175.*

3-Mohmoud G. El- Sebaei; G.R., EL-sayed and S., El-sherbini. (2011). "Some *biochemical and molecular biological studies on diagnosis of Theileria annulata in cattle* ". The 26th meeting of the Saudia Biological Society (*Climatic change and Biodiversity*). Saubia Arabia.

4- Maged R. El- Ashker; Hussein S. Hussein and Mohmoud G. El- Sebaei (2012). "Evaluation of Urinary Variables as Diagnostic Indicators of Acute kidney Injury in Egyptian Draft Horses treated with Phenylbutazone therapy". *Jornal of Equine Veterinary Science, 32, 5 , 268-273.*

5- Mohmoud G. El- Sebaei. "Evaluation of antioxidant status associated with Theileriosis in cattle diagnosed by PCR". 7th international Scientific Conference Recent approaches for animal development and poultry resources, Faculty of Vet. Med., Mansoura University, 28-30 August 2012.

6- Mahmoud G. El-Sebaei; Mohamed F. Salama, Moustafa A. Al-Araby, Maged R. El-Ashker. "Diagnosis of Tropical Theileriosis in Dakahlia Governorate, Egypt by using PCR". Proc. of the 5th Animal Wealth Research Conf. in the Middle East & North Africa. 1- 3 October (2012) - pp. 13 – 22.

7- Maged R. El-Ashker; Mahmoud G. El-Sebaei and Mohamed F. Salama.(2012): "Evaluation of the Inflammatory Reaction in Calves with Acute Ruminal Drinking". Journal of Veterinary Science & Technology. J. Vet. Sci. 3:2.1000116.

8- Mahmoud G. El-Sebaei; Maged R. El-Ashker and M. Elboushy "*The role of acute phase cytokines in the recovery and disease progress of Theileria annulata- infected cattle.*". *Journal of comparative Veterinary Clinical Pathology.* (2014) 23: 1497-1502.

9- Abou Elmagd M.M., Fathy R.A. Sleem, Mahmoud G. Elsebaei and Abd Elsalaam M. "*Postnatal Toxicity Of Abamectin in Rabbits*". *The eighth Int. Sci. Conf., Mansoura, 6-9 September (2014), Sharm El-Sheikh- Egypt with cooperation with university of veterinary Medicine, Hannover- Germany.*

10- Khaled Khilo, Mahmoud G. El Sebaei, Mahmoud M. Zakaria and Maram Y. Shalabi. "*In vitro Suppression of Hepatocellular Carcinoma with Aleo Vera and Calligonum Comosum*". *The eighth Int. Sci. Conf., Mansoura, 6-9 September (2014), Sharm El-Sheikh- Egypt with cooperation with university of veterinary Medicine, Hannover- Germany.*

11- Maged El-Ashker, Engy Risha, Fatma Abdelhamid, Mohamed Salama, Mahmoud El-Sebaei and Walaa Awadin.

"*Gentamicin-induced Acute Kidney Injury in Equines is associated with Marked Acute Phase Response: An Experimental Study on Donkey (Equus asinus)*". *Journal of Veterinary Science & Medical Diagnosis.*2014, 4:2.

12- Maged El-Ashker, Mohamed Salama, Mahmoud G. El-Sebaei, Engy Risha, Fatma Abdelhamid, Mohamed El-Diasty and Eman Abu El-Fadle

"Significance of clinical variables and selected biochemical markers to predict the outcome of bovine anaplasmosis in Egypt". Veterinarni Medicina,60, 2015(6):301-308.

13- Maram Shalabi, Khaled Khilo, Mahmoud M. Zakaria, Mahmoud G. Elsebaei, Walied Abdo and Walaa Awadin.

"Anticancer Activity Of Aloe Vera And Calligonum Comosum Extracts Separately On Hepatocellular Carcinoma Cells". Asian Pac. J. Trop. Biomed. 2015; 5(5):375-381.

14- Maged El-Ashker, Fatma Abdelhamid, Engy Risha, Mohamed Salama and Mahmoud El-Sebaei

"Vitamin C ameliorates gentamicin-induced acute kidney injury in equines: an experimental study". Journal of Equine Veterinary Science 2015; 35(3):238-243.

15- Reham A. Ei-Shafei, Mahmoud G. El-Sebaei, Hebatallah Mahgoub and Rasha M. Saleh

"Attenuation of CCl4-Induced Hepatic Damage by Curcumin Extract and/or Folic Acid". International Journal of Toxicological and Pharmacological Research 2015; 7(4):213-222.

16- Abeer Atef Shalan, El Said El Sherbini El Said , Mahmoud Gamil ElSebaei and Reda Eldemerdash

"Effects of Aqueous Extracts of Moringa Oleifera on Lipid Profile of Tamoxifen-Induced Atherosclerotic Rats" International Journal of Research Studies in Biosciences (IJRSB) 4, 6, 2016: 46-52.

17-M.R. El-Ashker¹, M.G. El-Sebaei, H.G. Aamer

"The influence of experimentally-induced endotoxaemia on clinical variables and markers of systemic inflammation in donkeys (Equus asinus)". Veterinarni Medicina,

RESEARCH EXPERIENCE

Professional in basic Biochemistry, Practical Clinical Biochemistry, Microbial chemistry, Molecular chemistry and tumor markers detection(electrophoresis, ELISA, various models of Chromatography, DNA and RNA extraction, amplification by various PCR methods as routine PCR, multiplex PCR, RT-PCR, reverse line blotting and microarray).

Research Assistant(2004-2012)

- Faculty of Veterinary Medicine, Mansoura University, Mansoura, Egypt.
- Collect, maintain and statistically evaluate data for ongoing studies including Molecular biology and advanced laboratory diagnostic techniques.
- Participate in the research group and present research output where appropriate.
- Evaluate methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to their own work.
- Generate research output and contribute to the generation of independent and original ideas, as appropriate.
- Collection, analysis, validation and verification of numeric data.

TEACHING EXPERIENCE

Assistant Professor from October,2016 till now

Lecturer (From 2011)

Immunology - Signal Transduction - Proteomic- Bioinformatics- Biotechnology - Protein Function- Nutrition-Biophysics- Molecular Biology - Enzymology- genomic and Molecular Diagnosis- Microbial Biotechnology- Cancer Biology- Molecular Genetics and Biochemical Toxicology- Antioxidant and Diabetic Complication- Molecular Immunology- laser spectroscopy and photochemistry- Applied Immunology.

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- Biochemistry and Chemistry of nutrition for undergraduate students (4 semesters).
 - Basic Biochemistry, Metabolism of fuels, Clinical biochemistry, Microbial chemistry, and Molecular chemistry courses for postgraduate students (Ph. D., Master and Diploma).
 - Supervisor for Masters and PHD Thesis.

Teaching Assistant (2004-2011)

- Practical Biochemistry (4 semesters).
- Lecture on and demonstrate different biochemical, clinical, molecular, microbiological techniques, sterilization methods, equipment use, and laboratory safety work.
- Assist students in every day laboratory routines.
- Check equipment prior to classes and ensure that all requirements are in place.
- Prepare laboratories for practices.
- Ensure that safe working practice is adhered to by staff and students during classes.
- Trouble-shoot and respond to problems, which may occur during practical classes.
- Participate in training of students on different laboratory tests and collecting, preparing and dealing with of blood, milk, serum, plasma and tissue samples.
- Participate in different workshops on training doctors interesting with field of Clinical biochemistry, hematology and medical laboratory analysis.

SCIENTIFIC CONFERENCES AND WORKSHOPS

- The fourth International Scientific Conference., (Application of Biotechnology in Veterinary Medicine, Mansoura University "Mansoura, Egypt", April 5-6, 2005).
- The fifth International Scientific Conference., Mansoura University "Mansoura, Egypt" in cooperation with Teramo University" Italy" ,April 10-11, 2007).
- The Eighth Annual Scientific Congress of Clinical Pathology Department (Clinical Pathology: From Teaching to Practice, Mansoura Faculty of Medicine" Mansoura, Egypt", and November 14-15, 2006).

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- The six International Scientific Conference., Mansoura University "Mansoura, Egypt" in cooperation with Teramo University" Italy" , April 13-14, 2007.
 - Scientific Workshop (The Role of Veterinary Medicine for Community, Control of Tuberculosis and Prevention of Avian Influenza, Mansoura University "Mansoura, Egypt" 2010.
 - Scientific Workshop (The Role of Veterinary Medicine for Community, Control of Lumpy skin disease, Mansoura University "Mansoura, Egypt" 2011.
 - Scientific Workshop (The Role of Veterinary Medicine for Community, Control of Foot and Mouth disease(FMD), Mansoura University "Mansoura, Egypt" 2012.
 - The seventh international Scientific Conference."Recent approaches for animal development and poultry resources", Faculty of Vet. Med., Mansoura University, Hurghada, 28-30 August 2012.
 - The seventh international Scientific Conference of Animal Wealth Research in the Middle East and North Africa (1-3, October, 2012, Cairo, Egypt).
 - The eighth Int. Sci. Conf., Mansoura, 6-9 September (2014), Sharm El-Sheikh, with cooperation with University of Veterinary Medicine, Hannover- Germany.
 - The ninth Int. Sci. Conf., Mansoura, 7-10 December (2016), Hurghada, with cooperation with University of Veterinary Medicine, Hannover- Germany.

WORKSHOPS

Register in most of FLDP courses:

- **Research Methodology** at the period from 17/12/2006 - 20/12/2006.
- **Communication Skills** at the period from 04/02/2007 - 06/02/2007.
- **University Code of Ethics** at the period from 21/10/2007 - 23/10/2007.
- **Credit Hours System** at the period from 24/02/2008 - 26/02/2008. .
- **Quality Standards in the Education Process** at the period from 03/08/2008 - 05/08/2008.
- **Legal and Financial Aspects in University Environment** at the period from 04/07/2010 - 06/07/2010.
- **Competing for Research Funds** at the period from 28/11/2010 - 30/11/2010.
- **Managing Time and Meetings** at the period from 27/03/2011 - 29/03/2011.
- **Conference Organization** at the period from 25/09/2011 - 27/09/2011.
- **Research Ethics** at the period from 02/10/2011 - 04/10/2011.
- **Exams and Students Evaluation Systems** at the period from 31/03/2013 - 01/04/2013.
- **Strategic Planning** at the period from 01/06/2014 - 02/06/2014.
- **University Management** at the period from 01/07/2015 - 02/07/2015.
- **Managing Research Teams** at the period from 20/12/2015 - 21/12/2015
- **Applying Academic Standards for Educational Program** at the period from 03/04/2016 - 04/04/2016.
- *Training Courses & Other Workshops:*
- The International Computer Driving License (ICDL).
- Training course on Molecular biology techniques in City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Training course at Urology & Nephrology Center, Mansoura University, Egypt, Faculty of medicine, Mansoura University.
- Training course on Bioinformatics and advanced diagnostic methods in Teodoar Bilharse Hospital, Giza, Egypt.
- Successfully completed an externship at the University of Gottingen, Germany, in the field of developing recombinase polymerase amplification (RPA) assay for detection of RNA viruses.
- Successfully completed an externship at the University of Veterinary Medicine Hannover Foundation, Germany, at the Institute of Biochemistry (September

16th, 2013- October 15th, 2013). Foundation in the following fields:

- ❖ Cell tissue culture (cos-1, caco-2 cells).
- ❖ Transfection of cos-1 cells with SI- cDNA in plasmid vector
- ❖ Cell lysis and immunoprecipitation of SI.
- ❖ Determination of sucrase specific activity from SI immunoprecipitants.
- ❖ SDS-PAGE and Western blot analysis for sucrase-isomaltose (SI) using monoclonal antibodies.
- ❖ Trasfection of cos-1 cell grown on glass-slide with SI cDNA followed by preparation for immunohistochemical analysis and confocal microscopy.

INTERPERSONAL SKILLS

- Ability to work either independently and collaboratively as a member of group and under high pressure.
- Clear, logical thinking, showing an analytical and scientific approach, detail-oriented and a self-starter.
- Ability to keep accurate records, to prioritize and to take instructions
- Ability to organize and prioritize tasks and responsibilities.
- Highly motivated and have a strong commitment and interest in laboratory work and translational research.
- Ability to maintain good working relationships with staff on all levels.
- Excellent communication, negotiation, project management, time management and problem solving.

LANGUAGE SKILLS

- Excellent command of spoken and written Arabic and English.
- Excellent command of spoken and written English (**TOEFL and IELTS**).
- Basic command of spoken and written French.

COMPUTER SKILLS

- Perfect knowledge of Internet.
- Perfect knowledge of dealing with Microsoft Windows and Microsoft Office.
- Perfect knowledge with reference management programs.
- Perfect knowledge with bioinformatics programs.
- Holder of the ICDL.

