

Gamal Abd El-Hay Mohamed Omran (Ph.D.)

Curriculum Vitae

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Gamal Abd El-Hay Mohamed Omran (Ph.D)

Assistant Professor of Biochemistry and Molecular Biology, Faculty of Pharmacy, Damanshour University, Damanshour, Egypt.

Vice Dean Faculty of Pharmacy for Education and Student Affairs, Damanshour University.

<p><i>Education</i></p>	<p>Ph.D. of Pharmaceutical Sciences (Biochemistry) Al-Azhar University Cairo - Egypt 2005</p> <p>Msc of Pharmaceutical Sciences (Biochemistry) Al-Azhar University Cairo - Egypt 2000</p> <p>Bsc of Pharmaceutical Sciences (Excellent with Honor) Al-Azhar University Cairo - Egypt 1993</p>
<p><i>Experience</i></p>	<ol style="list-style-type: none"> 1- Demonstrator of Biochemistry: 1997-2000. 2- Assistant lecturer: 2000- 2005. 3- Lecturer of Biochemistry: 2005 - 2010. 4- Ass. Professor of Biochemistry 2/3/2011. 5- Researcher in Tumor Marker Oncology Research Unit, Al-Azhar University: 1993 - 2008. 6- Head of Biochemistry Department, Faculty of Pharmacy, MSA University, 2010/2011. 7. Vice Dean Faculty of Pharmacy for Education and Student Affairs, Damanshour University from 6/12/2012. 8. A member of education and student affairs committee, Damanshour university. 9. Head of education and student affairs committee, Faculty of Pharmacy, Damanshour university. 10. A member of quality assurance unit (QAU) committee, Faculty of Pharmacy, Damanshour university.
<p><i>Professional Career Experience</i></p>	<ol style="list-style-type: none"> 1. A member of the teaching staff of Biochemistry, Clinical Biochemistry and Molecular Biology for undergraduate's students. Faculty of Pharmacy (Boys & Girls), Al-Azhar University. 2. A member of the examination board of undergraduates examinations. Faculty of pharmacy (Boys & Girls), Al-Azhar University. 3. A member of the teaching and examining staff of Biochemistry, Clinical Biochemistry and Molecular Biology for undergraduate's students. Faculty of Pharmacy, Modern Sciences and Art (MSA) University (Part timer, 2006/2007, 2007/2008). Full timer 2008/2009, 2009/2010, 2010/2011.

4. A member of the teaching and examining staff of Biochemistry, Clinical Biochemistry and Molecular Biology for undergraduate's students. Faculty of Pharmacy, Damanhour University from 2012/2013.
5. External examiner for undergraduate students in faculty of Pharmacy, Alexandria, Cairo, Tanta and Helwan Universities and faculty of Medicine, El-Menia University.
6. A member of the teaching staff of Biochemistry, Clinical Biochemistry and Molecular Biology for post-graduate's students. Faculty of Pharmacy (Diploma, Master and Ph.D), Al-Azhar University.
7. A member of training team in Damanhour Cancer Institute in clinical enzymology and tumor markers in June 2012.
8. Unique speaker in training program for both undergraduate and postgraduate pharmacy students "Clinical pathological chemistry and its role in societies problems" that hold in faculty of pharmacy, Damanhour University from 3 – 4 /7/2013.
9. A member of training team for governmental pharmacists in clinical biochemistry and its role in diagnosis of different liver diseases that hold in Chest hospital from 10 – 20 /11 / 2013.

Thesis Under My Supervision:

1. Role of some biochemical markers in the assessment of activity and prognosis of the acute lymphoblastic leukemia in children. (Discussed and approved in 2012)

M.Sc. Biochemistry, registered at October 2007

M.Sc. Student: Ahmed Mohamed Samy, Faculty of Pharmacy (Boys)-Al-Azhar University.

2. Biochemical markers in spontaneous bacterial peritonitis. (Discussed and approved in 2011)

Ph.D. Biochemistry, registered at October 2009

Ph.D Student: Ahmed Mohamed Salah Eldin Awad, (Ass. Lecturer of Biochemistry, Faculty of Pharmacy, MSA University), Faculty of Pharmacy, Al-Azhar University.

3. Phytochemical and biological study of *Portulaca oleracea* linn (Family Portulacaceae) growing in Egypt.

(Discussed and Approved in 2010).

M.Sc. Pharmacognosy

M.Sc. Student: Jilan Abd El-Aziz Nazeim, Faculty of Pharmacy, Ain Shams University.

4. The biochemical changes during recovery from acute

	<p>exacerbation of chronic obstructive pulmonary disease. <i>(Discussed and Approved in 2010).</i></p> <p>M.Sc. Chest Diseases. M.Sc. Student: Mohamed Soliman Mohamed Soliman, Faculty of Medicine, Al-Azhar University.</p> <p>5. Diagnostic utility of both serum and brochoalveolar lavage fluid tumor markers (carcinoembryonic antigen CEA, neuron specific enolase NSE and cytokeratin CYFRA21-1) in patients with primary lung cancer. <i>(Discussed and Approved in 2012).</i></p> <p>M.D. Chest Diseases M.D. Student: Ahmed Hafez Wahbaa Ahmed, Faculty of Medicine, Al-Azhar University.</p> <p>6. Biochemical study of intact and total proinsulin: new attributes to control cardiovascular diseases in type 2 diabetes mellitus.</p> <p>M.sc. Biochemistry. M.Sc. Student Walied Allam Mohamed, Faculty of Pharmacy, Al-Azhar University.</p> <p>7. Biochemical effects of proanthocyanidins on cisplatin-treated Ehrlich solid tumor-bearing mice.</p> <p>M.sc. Biochemistry. M.Sc. Student Mohamed Salahuddein Mohamed Awad, Faculty of Pharmacy, Al-Azhar University.</p>
<p><i>Published Papers</i></p>	<ol style="list-style-type: none"> Oxidative stress and antioxidant activities in certain G.I.T diseases. Salman, T.M; Attia, F.F; <u>Omran, G.A.</u> and El-Zahaby M.H. <i>Egyptian Journal of Biomedical Scinces</i> 6, 22-32 (2000). Oxidative Stress in Brain Tissues Induced by Exposure to Cold and The Prophylactic Role of Antioxidants: Is the Antioxidant Enzyme, Paraoxonase, Present in Brain Tissue? Salman, T. M; Mohammadin, A.M; <u>Omran G.A.</u> and El-Zahaby M.H. <i>J. Biological and Pharmaceutical Science</i> 2, 69 - 82 (2004). Oxidative stress and possible nephrotoxic effect on rats treated with combined calcium disodium ethylenediaminetetraacetic acid and penicillamine chelation therapy after chronic lead exposure.

- Gamal A.O. and Gamal El-Dein I.H. ***Al-Azhar Journal of Pharmaceutical Science* 34**, 28–35 (2006).
4. Comparative effects of single and combined chelation therapy in chronic lead toxicity: role of reactive oxygen species. Gamal G.O. and El-Saied, M.E. ***Arab Journal of Laboratory Medicine* 33 (3)**, 379-392 (2007).
 5. Oxidative stress in chronic obstructive pulmonary diseases; effect of antioxidant supplementation. Ibraheim, M.D; Gamal G.O., and Gamil M.A. ***The Egyptian Journal of Chest Diseases and Tuberculosis* 56 (1,2)**, 116-123 (2007).
 6. *Helicobacter pylori* infection, a possible risk factor for hyperuricemia among Egyptians. Gamal El-Dein I.H; Gamal A.O., and Gamil M.A. ***Egyptian Journal of Biomedical Sciences* 28**, 53-62 (2008).
 7. Serum homocystein level in COPD patients: possible beneficial effects of antioxidants. Gamil M.A; Ahmed A.A; Gamal A. O., and Mariee, A.D. ***Research Journal of Medicine and Medical Sciences* 4 (2)**, 306-310 (2009).
 8. L-Selectin as a biomarker in assessment of the activity and prognosis of acute lymphoblastic leukemia in children. Gamal, A.O.; Gamil, M.A; Nehad, M.H; ; Ahmed, M.S. and Ossama A.M. ***Al-Azhar Journal of Pharmaceutical Science* 40**: 85 - 93, (2009)
 9. Effect of narcotic addiction on hypothalamic pituitary gonadal axis hormones. Salman, T.M; El-Zahaby, M.M; Mansour, O.A; Omran, G.A.; Gomaa, S.M. and Gad H.S. ***Dynamic Biochemistry, Process Biotechnology ans Molecular Biology* 4(2)**; 46 – 49, (2010).
 10. Oxidative stress and lipotoxicity of bhang and opium addiction. Effects on adrenal gland secretions. Salman, T.M; El-Zahaby, M.M; Mansour, O.A; Omran, G.A.; Gomaa, S.M. and Gad H.S. ***Dynamic Biochemistry, Process Biotechnology ans Molecular Biology* 4(2)**; 50 – 54, (2010).
 11. Biochemical markers in spontaneous bacterial peritonitis. Tarek M. Salman; Mohamed A. Ali; Gamal A. Omran; Gamil M. Abdalla and Ahmed M. Salahuddin. ***Eyg. J. of Biomed. Sci*; 37: 17 – 27, (2011)**.
 12. Serum amyloid-A and interleukin-6 as a biochemical marker during early and late recovery from acute exacerbation of chronic obstructive pulmonary diseases in Egyptian patients. Effect of corticosteroids. Gamal A. Omran and Ibrahim M. Draz. ***Eyg. J. of Biomed. Sci*; 38: 93 – 108, (2012)**.
 13. Comparative study between serum and bronchoalveolar lavage tumor markers level in benign lung diseases and lung cancer. Gamal A. Omran; Fares M. Ouf and Ibrahim M. Draz.

	<p><i>The Arab Journal of Laboratory Medicine; 39(2):415 – 425, (2013).</i></p> <p>14. Cigarette smoking and hyperglycemia increase renal response to low levels of cadmium in Welders: Cystatin C as a sensitive marker. Gamaleldin I. Harisa; Sabry M. Attia; Abdelkader E. Ashour; Gamil M. Abdallah; <u>Gamal A. Omran</u> and Hussein E. Touliabah <i>Biological Trace Element Research; 158: 289 – 296, (2014).</i></p> <p>15. Endothelial dysfunction and plasminogen activator inhibitor-1 (PAI-1) alteration as risk factors for coronary heart diseases. Gamil M. Abdallah; <u>Gamal A. Omran</u>; Hesham M. Gad; Walid A. Mohamed and Ossama A. Mansour. <i>Journal of American Science; 10 (6): 95 – 99, (2014).</i></p> <p><u>Attended the following meetings:</u></p> <p>1- Al-Azhar 2nd International Conference of Recent Advances in Pharmaceutical, Technology and Biological Science. Dec. 19- 21, Cairo-Egypt. 2001</p> <p>2- Al-Azhar 3rd International Conference for Pharmaceutical and Biological Science. Dec 16-18, Cairo- Egypt 2003.</p> <p>3- Al-Azhar 4th International Conference for Pharmaceutical and Biological Science. Dec 16-18, Cairo- Egypt 2005.</p> <p>4- The 54th Scientific Congress of ESCG. January 13 – 14 Cairo, Egypt 2007.</p> <p>5- The Second International Conference for Applied Biotechnology. October, 17 – 18, 6th October, Egypt 2009.</p>
<i>Special Skills</i>	<p>Computer Skills</p> <ul style="list-style-type: none"> ▪ Efficiency in using Windows XP, Vista and Windows 7. ▪ Efficiency in using Microsoft Office 2003 and 2007. ▪ Efficiency in using Microsoft Excel 2007. ▪ Efficiency in using Microsoft power point. ▪ Efficiency in using InStat GraphPad Program. ▪ Efficiency in using Prism GraphPad Program. <p>Languages</p> <ul style="list-style-type: none"> ▪ Native speaker of Arabic ▪ Fluent in English
<i>Personal Data</i>	<p>Date of Birth January 9th, 1971</p> <p>Place of Birth Al-Boheira, Egypt</p> <p>Nationality Egyptian</p>
<i>References</i>	<ul style="list-style-type: none"> ▪ Prof. Dr. Tarek Mahrous Salman <i>Professor and Vice Dean Faculty of Pharmacy, Al-Azhar University, Cairo-Egypt.</i>

	<p>▪ Prof. Dr. Ossama Abd El-Metaal Mansour <i>Professor of Biochemistry and Dean of Faculty of Pharmacy, Al-Azhar University, Cairo-Egypt.</i></p>
<p>الأنشطة الانشائية</p>	<ul style="list-style-type: none"> • المشاركة في استلام وتجهيز مبني كلية الصيدلة - جامعة دمنهور • المساهمة في تطوير وتحديث اللائحة الداخلية الخاصة بمرحلة البكالوريوس والتي حصلت علي موافقة لجنة القطاع الصيدلي في ٢٠١٣ والقرار الوزاري في ٢٠١٢ وتم تطبيقها في العام الجامعي ٢٠١٣-٢٠١٤ • المساهمة في عمل لائحة للدراسات العليا بكلية الصيدلة - جامعة دمنهور • المشاركة في هيكلة الأقسام العلمية و الادارية بكلية الصيدلة - جامعة دمنهور • المساهمة في انشاء قسم الكيمياء الحيوية وتحديث المقررات الدراسية لمرحلة البكالوريوس والدراسات العليا بالاشتراك مع الدكتورة مها السيد حسين • المشاركة في انشاء مكتبة كلية الصيدلة - جامعة دمنهور • المشاركة في انشاء وتأسيس معمل الأبحاث المركزي بكلية الصيدلة - جامعة دمنهور لخدمة العملية البحثية و مساعدة شباب الباحثين • المشاركة في انشاء وتأسيس معمل تحاليل طبية كوحدة ذات طابع خاص لخدمة العاملين بالجامعة والجمهور و خدمة غير القادرين من ابناء محافظة البحيرة • المشاركة في انشاء و تأسيس مقر صيدلية عامة بسور الكلية و عرضة للايجار في مزاد علني علي ان يكون العائد من الصيدلية لحساب صندوق الخدمات التعليمية بالكلية مما يساعد علي النهوض بالعملية التعليمية بالكلية والجامعة • الاشراف علي الأنشطة الطلابية المختلفة بكلية الصيدلة - جامعة دمنهور بصفته وكيلا للكلية لشئون التعليم والطلاب • الاشراف علي أنشطة الجواله والأنشطة الكشفية بالكلية
<p>الأهداف المستقبلية</p>	<ul style="list-style-type: none"> • العمل علي انشاء معمل بيولوجيا جزئية متطور والتوسع في ابحاث النانوتكنولوجي بكلية الصيدلة - جامعة دمنهور • التوسع في عمل مشاريع بحثية مع الجامعات المصرية والاقليمية والدولية بعد تأسيس البنية التحتية المناسبة بالكلية • ربط المشاريع البحثية بالمشاكل المجتمعية الأكثر انتشارا في المجتمع المصري لخدمة المجتمع والعمل علي تنقية البيئة والحد من التلوث وأثاره.

Faculty Dean
Prof. Dr. Hoda Daabees