

Name: FAYIG AHMAD ELMIGDADI	
Email: felmigdadi@zu.edu.jo	
Major Specialization: Medical Biochemistry and Molecular Genetics	

Academic Rank:	**Professor**

Professional Objective(s):

Medical Biochemistry and Molecular Genetics and Medical Education

Personal Information:	
Extension No.:	**6107**
Mobile No.:	**0788236221**
Address:	Faculty of Dentistry, Zarqa University, PO Box 132222, Zarqa 13132, Jordan
Nationality:	**Jordanian**
Marital Status:	**Married**

Membership:	
1)	**Jordan Medical Association**
2)	**Arab Medical Society , Egypt**
3)	
4)	

Qualifications:	
1)	**M.D. 1986, Russia**
2)	**Ph.D. 1995, USA**
3)	**IFME, FAIMER, ECFMG 2003, USA**
4)	

Teaching Experiences:	
1)	1. Teaching Assistant in Clinical Microbiology, Virology,Immunology for Medical, Dental, Pharmacy Students, School of Medicine, University of Jordan , Amman , JORDAN.
2)	Teaching Assistant in Medical Biochemistry and Metabolism with Inborn Errors of Metabolism for Medical and Graduate students. School of Medicine, State University of New York at Buffalo Buffalo, New York , U.S.A.
3)	Instructor in Medical Biochemistry and Metabolism with Inborn Errors of Metabolism for Medical and Graduate students. School of Medicine, State University of New York at Buffalo, Buffalo , New York , U.S.A.
4)	Coordinator and instructor in Medical Biochemistry Course for Medical, Dental, Pharmacy & Nursing students. School of Medicine, Jordan University of Science & Technology, Irbid, JORDAN.
5)	Coordinator and instructor in Medical Biochemistry Course for Dental, Pharmacy & Nursing students. School of Medicine, Jordan University of Science & Technology, Irbid, JORDAN.
6)	Instructor in Clinical Biochemical Pathology Course for Pharmacy students. School of Medicine, Jordan University of Science & Technology, Irbid , JORDAN.
7)	Instructor in Advanced Clinical Biochemistry Course for Graduate students. School of Medicine, Jordan University of Science & Technology, Irbid , JORDAN.

8)	Instructor in Advanced Endocrinology Course for Graduate students. School of Medicine, Jordan University of Science &Technology, Irbid , JORDAN.
9)	Coordinator and Instructor in Advanced Molecular Biology for Graduate students, School of Medicine , JUST, Irbid , JORDAN.
10)	Coordinator and instructor in Protein Chemistry and Enzyme Kinetics for Graduate students. School of Medicine, JUST, Irbid , JORDAN.
11)	Coordinator and Instructor of Biochemistry and Molecular Genetics parts of Body Systems Courses (11 total) of the Integrated System-based Curriculum, which was adopted by our School of Medicine in 1999/2000. School of Medicine, JUST, Irbid , JORDAN.
12)	Instructor in Molecular Genetics Course for Medical students. School of Medicine , JUST, Irbid, JORDAN.
13)	Coordinator and Instructor of Endocrinology Integrated Course for Medical Students. JUST, Irbid, JORDAN.

Publications:

No.	Title	Journal	Year
1)	El-Migdadi, F., Gallant, S., and Brownie, A.C. (1995) Sex Differences in the Steroidogenic and Respiratory ElectronTransport Chains in the Rat Adrenal Cortex.	Endocrine Research 21: 109-114.	**1995**
2)	El-Migdadi, F., Gallant, S., and Brownie, A.C. (1995) Sex Differences in Cytochromes Oxidase and P-45011Beta in the Rat Adrenal Cortex.	Molecular and Cellular Endocrinology. 112:185-194	**1995**
3)	El-Migdadi, F., Gallant, S., and Brownie, A.C. (1995) Sex Differences and Effects of Androgens on the Steroidogenic and Respiratory Electron Transport Chains in the Rat Adrenal Cortex	. Proceedings to the Adrenal Meeting (Oklahoma , USA).	**1995**
4)	El-Migdadi, F., Gallant, S., and Brownie, A.C. (1994) Regulation of Cytochrom Oxidase (CO) by Androgens in Rat Adrenal Gland and Liver.	Proceedings to the Annual Meeting at the Endocrine Society (Anaheim , CA , USA)	**1994**
5)	El-Migdadi, F., Alfano, J., Gallant, S., and Brownie, A.C. (1995) Cytochrome C Oxidase in Rat Adrenal and Liver:	Endocrine Research. 22 (1): 59-76.	**1995**

	Effects of Anti-Androgen Treatment and Studies in Testicular Feminized Rats.		
6)	Bashir, N., El-Migdadi, F. et. al. (1996) Effects of Exercise at Low Altitude on Pituitary Hormones (ACTH, LH and Growth Hormone) in Athletes.	Endocrine Research. 24, Issue # 3.	**1996**
7)	El-Migdadi, F. et al. (1996) Exercise at Low Altitude (Jordan Valley) Causes Changes in Serum Levels of ACTH, Insulin ,Cortisol and Lactate in Athletes.	Proceeding to the Adrenal Meeting published in Endocrine Research. 24 (4): 763-767.	**1996**
8)	El-Migdadi, F. et al. (1997) Thyroid Response to Exercise at Low Altitude (Jordan Valley) Is Confined to Change in Triiodothyronine (T3). Hormone and Metabolic Research.	Experimental Endocrinology and Metabolism. 29: 196.	**1997**
9)	Saadoun, I. And El-Migdadi, F. (1998) Degradation of geosmin like compounds by selected grampositive bacteria.	Letters in Applied Microbiology. 26: 98-100.	**1998**
10)	El-Migdadi, F., Nusier, M., and Bashir, N. (1999) Seasonal pattern of leutinizing hormone, folliclestimulating hormone, testosterone and progesterone in adults of both sexes in the Jordan Valley .	Proceedings to the International Symposium on Molecular Steroidogenesis. Nara , Japan .	**1999**
11)	Nusier, M., El-Migdadi, F. and Bashir, N. (2000) Serum levels of glucose, lactate, insulin, adrenocorticotropin, cortisol, leutinizing hormone and testosterone in young and elderly people of the Jordan Valley . Molecular Steroidogenesis.	Frontiers Sciences Seriers # 29: 351-352. University Academy Press, Inc., Tokyo Japan .	**2000**
12)	El-Migdadi, F., Nusier, M., and Bashir, N. (2000) Seasonal pattern of leutinizing hormone, folliclestimulating hormone, testosterone and progesterone in adults of both sexes in the Jordan Valley .	Endocrine Research. 26: 41-48.	**2000**
13)	Khatib, S.Y., Farah, H. and El-Migdadi, F. (2000) Enhanced adenine nucleotides and improved myocardial function by allopurinol in isolated hypoxic rat heart. Proceedings to V International Meeting on “New Perspectives in Ischemic Heart Disease, Heart Failure, Atherosclerosis and Hypertension in the Beginning of the New Millenium”.	Bologna , Italy .	**2000**
14)	El-Migdadi, F., El-Akawi, Z., Abudheese, R. and Bashir, N. (2000) Serum levels of adrenocorticotropic hormone and cortisol in people living in the below sea level environment (Jordan Valley) during fasting in the month of Ramadan.	Proceedings to 14th International Symposium of the Journal of Steroid Biochemistry and Molecular Biology. Quebec City, Canada.	**2000**
15)	El-Migdadi, F., Khatib, S. and Bashir, N. (2001) Lactate dehydrogenase activity, insulin and lactate levels at below sea level altitude (-350 meters) compared to above sea level altitude (620 meters) after exercise.	Biochemistry (Moscow). 66: 96-98.	**2001**
16)	Khatib, S.Y., Farah, H. and El-Migdadi, F. (2001) Enhanced adenine nucleotides and improved myocardial function by allopurinol in isolated hypoxic rat heart.	Biochemistry (Moscow). 66: 328-333.	**2001**
17)	Banihani, I. , El-Migdadi, F., et al. (2001) Stress from exercise in the below sea level environment causes an increase in serum testosterone levels in trained athletes.	Endocr Res. 27: 19-23.	**2001**
18)	El-Migdadi, F., El-Akawi, Z., Abudheese, R. and Bashir, N. (2002) Plasma levels of adrenocorticotropic hormone and cortisol in	Hormone research 58(6): 279-282	**2002**

	people living in an environment below sea level (Jordan Valley) during fasting in the month of Ramadan.		
19)	Fayig El-Migdadi, Ali Shotar, Zeyad El-Akawi, Ibrahim Banihani, Rola Abudheese and Wajih Oweis (2004) Effect of fasting during the month of Ramadan on serum levels of leutinizing hormone and testosterone in people living in the below sea level environment in the Jordan Valley.	Neuroendocrinology Letters 25: 75-77.	**2004**
20)	Fayig El-Migdadi, Ibrahim Banihani and Saleem Ali Banihani (2004) Clinico-Hormonal Correlation of Oligospermic Patients in the Below Sea Level Environment (Jordan Valley).	Neuroendocrinology Letters. 26(1):13-8.	**2004**
21)	Kamal Banihani and Fayig El-Migdadi (2005) A comparative study of the prevalence of Helicobacter pylori between the inhabitants of areas of different barometric pressure.	Internet Journal of Gastroenterology. Volume 3 Number 2.	**2005**
22)	Fayig El-Migdadi and Emad Abdullah Abed. A Comparative Study Of Plasma Renin Activity, Aldosterone And Atrial Natriuretic Hormone Between Normotensive And Hypertensive People Living At Below Sea Level Altitude (Jordan Valley) And Those Residing At Moderate Altitude Above Sea Level (Irbid City) (2007)	Neuroendocrinology Letters. 28(4):386-94.	**2007**
23)	Al-Hussain SM, Al-Haidari MS, Kouri NA, El-Migdadi F, Al-Safar RS, Mohammad MA. Prevalence of mistreatment and justice of grading system in five health related faculties in Jordan University of Science and Technology	. Med Teach. 2008;30(3):e82-6.	**2008**
24)	Fayig El-Migdadi, Amal Al-Tellawi, Saleh Al-Hussain, Mohammad Rawashdeh. Pyruvate kinase and glucose-6-phosphate dehydrogenase activities in children living above (Jordan Valley) and below (Amman and Irbid) sea level.	Journal of Chinese Clinical Medicine, 2008, 3(11): 627-632.	**2008**
25)	F. El-Migdadi & F. Qaw : Serum and Plasma Levels Of Total And Free Testosterone And Of Sex Hormone Binding Globulins In Rats Growing In The Below Sea Level Environment Of The Jordan Valley .	*The Internet Journal of Endocrinology.* 2009 Volume 5 Number 2	**2009**
26)	El-Migdadi F, Eskandarani HH, Gaw F. Intratesticular testosterone levels are high in rats maturing in the below the sea level enviroment of the Jordan valley.	Acta Endocrinologica (Buc) 2010, 6 (2): 165-169	**2010**
27)	El-Migdadi F. Iron Depletion in Rats May Protect Against Atherosclerosis and Ischemic Heart Disease.	J Med J 2012; Vol. 46 (3):229- 236.	**2012**
28)	Azzam Al-Kadi, Fayig El-Migdadi, Dean Parmelee, Fahad Al-Shehri, Bassam Alkhalifah, Adil Altwairgi and Saleh Al-Damegh. Preparing Faculty & Students for Using TBL within a Medical Doctor (MD) Program in the Kingdom of Saudi Arabia	. *Proccedings to the TBLCollaborative Annual Meeting*, March 2014.	**2014**
29)	Qassim University, Saudi Arabia from Boonshoft School of Medicine (BSOM), Wright State University: Analysis of student performance in 2014-2015. Lawrence J Prochaska, Fayig Elmigdadi, et. Al.	FASEB Journal. 2016. 30.1. 888.	**2016**
30)	The Effect of Barometric Pressure on Rats Sex Hormone Binding Globulins. Fayig Elmigdadi.	Annals of infertility and reproductive endocrinology. 2018. 1(2):	**2018**

	Medical students perception towards Team-Based Learning, Unaizah College of Medicine, Qassim University, Kingdom of Saudi Arabia, 2020.	SMJS. 2021. Vol. 2, issue 1.	**2020**
31)	Trofinetide for Rett Syndrome: Highlights on the Development and Related Inventions of the First USFDA-Approved Treatment for Rare Pediatric Unmet Medical Need. Hudu SA, Elmigdadi F, Qtaitat AA, Almehmadi M, Alsaiari AA, Allahyani M, Aljuaid A, Salih M, Alghamdi A, Alrofaidi MA, Abida, Imran M	. J Clin Med. 2023 Aug 4;12(15):5114.	**2023**
32)	Successful Treatment of Covid-2019 With Ivermectin: A Case Report Abdelmonem Awad Hegazy, Waheed M Shouman, Fayig Elmigdadi, Shuaibu Abdullahi Hudu, Raafat Awad Hegazy, Mustafa Abdelmonem Hegazy.	Clinical Interventions and Clinical Trials 2023 Volume 1, Issue 1	**2023**

Books:

No.	Title	Publisher	Year
1)			
2)			
3)			
4)			
5)			
6)			

Conferences:

No.	Title Mark (-) for attendance only	Organizing Institution	Year
1)	1.Annual Meeting at the Endocrine Society, Anaheim , CA , USA , 1994.	USA	1994
2)	2.The Adrenal Meeting , Oklahoma , USA , 1995.	USA	1995
3)	3.The Adrenal Meeting, Crieff , Scotland , 1996.	Scottland	1996
4)	4.International Symposium on Molecular Steroidogenesis. Nara , Japan , 1999.	Japan	1999
5)	5.WorldLab IFCC Meeting, Florence , Italy , 1999.	Italy	1999
6)	6.Annual Scientific Conferences of the School of Medicine, Jordan Universty of Science and Technology, Irbid, Jordan, 1996, 1997, 1998, 1999, 2000.	Jordan	2000
7)	7.14th International Symposium of the Journal of steroid Biochemistry and Molecular Biology, Quebec City, Quebec, Canada. 2000.	Canada	2000

Supervision of Graduate Studies:

No.	Title Theses or Dissertations	University	Year
1)	Imad Abdullah. M.Sc. in Clinical Chemistry (2000). Thesis on Hypertension and Aldosterone, Renin Activity and Atrial Natriuretic Factor in People of the Below Sea Level Environment.	JUST	2000
2)	Amal Tellawi. M.Sc. in Clinical Chemistry (2001). Thesis on Pyruvate Kinase, G6PD and LDH activities and Deficiencies in Children of the Jordan Valley and Irbid and Amman .	JUST	2001
3)	Saleem Banihani. M.Sc. in Clinical Chemistry (2002). His project is on Endocrinoathy of the PituitaryAdrenal Axis and Male Infertility Including the Study of SHBG.	JUST	2002

Community Service Activities:			
No.	Activity	Venue of the activity	Year
1)			
2)			
3)			