




**Kingdom of Saudi Arabia**  
 Ministry of Higher Education  
 King Faisal University  
**College of Clinical Pharmacy**



<b>Name</b>	<b>Omar M. M. Mohafez</b>		
<b>Specialization</b>	Biochemistry		
<b>Current Position</b>	Associate professor		
<b>Contact email (Official)</b>	omohafez@kfu.edu.sa		
<b>Alternate email</b>	omarmohafez@yahoo.com	<b>IP Phone :</b> 035899905	
<b>Academic Qualifications</b>	<b>Degree/year/uni versity/country</b>	<b>PhD (Medical Biochemistry):</b> 2007, Toyama University, Japan	
	<b>Degree/year/uni versity/country</b>	<b>M.Sc. (Medical Biochemistry):</b> , 1999, Assiut University, Egypt	
	<b>Degree/year/uni versity/country</b>	<b>B.Sc.:</b> In Pharmaceutical Science, AL- Azhar University, Cairo, Egypt.	
<b>Teaching Experience</b>	❖ <b>Demonstrator</b> in Basic Medical and Clinical Biochemistry, from Sept.,1995 until December 1999		
	❖ <b>Assistant Lecturer</b> for Basic Medical and Clinical Biochemistry, from December 1999 until Sept.2003		
	❖ <b>Member of COE program</b> in the 21st century, Toyama, Japan from 3/2004 until 10/2007		
	❖ <b>Member of the postgraduate experimental board:</b> Biochemistry Department, Toyama University Japan.		
	❖ <b>Assistant professor</b> for Molecular biology, Basic Medical and Clinical Biochemistry, since October 2007, College of Clinical Pharmacy, King Faisal University, Al Ahsa		
	❖ <b>Associate professor</b> for Molecular biology, Basic Medical and Clinical Biochemistry, since January 2013, College of Clinical Pharmacy, King Faisal University, Al Ahsa		
<b>All the Courses Taught and Teaching in KFU with Course number</b>	➤ Biochemistry-1, 2020113		
	➤ Biochemistry-2, 2020123		
	➤ Clinical Biochemistry and nutrition, 2020212		
	➤ Molecular biology, 2020213		
	➤ Pharmaceutical Biotechnology 2020421		
	➤ Research Methodology and Biostatistics 2030325		

Research Interests	<ol style="list-style-type: none"> <li>1. Gene expression.</li> <li>2. Exploring of an early marker for Hepatocellular carcinoma.</li> <li>3. Screening of natural and synthetic compounds for its antioxidant and anticancer activity.</li> <li>4. Autophagy activating mechanisms</li> </ol>
Research Grants Received	<p>A full-funded scholarship from Egyptian government to get the PhD from Toyama University, Japan from Sept. 2003 to Sept. 2007.</p>
Publications (Latest 20 publications)	<ol style="list-style-type: none"> <li>1. 1.Ramadan A.M. Hemeida and <b>Omar M. M. Mohafez</b>: Curcumin attenuates methotraxate-induced hepatic oxidative damage in rats, <i>Journal of the Egyptian Nat. Cancer Inst.</i>, Vol. 20, No. 2, June: 141-148, (2008).</li> <li>2. Ghada M. Galal, Al-Shimaa A. Baker, Nagwa S Ahmed, Mohamed A. Abd El-Aziz, <b>Omar M.M. Mohafez</b>, Lotfy H. Abou-Dahab, Usama A. Arfa and Mona F.Al-Karn: Biochemical changes in serum levels of ghrelin and tumor necrosis factor-<math>\alpha</math> in chronic liver diseases, <i>Al-Azhar Assiut Medical Journal</i>, Vol.6, N.3 September, ISSN 1687-1693 (2008).</li> <li>3. Akira Takasawa, Ichiro Kato, Kumi Takasawa, Yoko Ishii, Toshiko Yoshida, Mohammad H. Shehata, Hiroshi Kawaguchi, <b>Omar M. M. Mohafez</b>, Masakiyo Sasahara, and Koichi Hiraga: Mutation-, aging-, and gene dosagedependent accumulation of neuroserpin (G392E) in endoplasmic reticula and lysosomes of neurons in transgenic mice, <i>The journal of biological chemistry</i> vol. 283, NO. 51, pp. 35606–35613, December 19, (2008).</li> <li>4. Hiroshi Kawaguchi, Soshi Okamoto, Dwaipayam Sikdar, Akihiro Kume, Fang Li, <b>Omar M. M. Mohafez</b>, Mohammed Hassan Shehata, Koichi Hiraga: Genomic organization of regions that regulate chicken glycine decarboxylase gene transcription: Physiological and pathological implications, <i>Gene</i>, 432, 7- 18 (2009).</li> <li>5. <b>Omar M. M. Mohafez</b> and Alaa M. Nafady: Antioxidant, lipid peroxidationinhibitory and anti-ulcer activities of brown propolis, <i>Bulletin of Pharmaceutical Sciences. Published by faculty of pharmacy, Assiut University</i>. Vol.2, December, (2010).</li> <li>6. <b>Omar M. M. Mohafez</b>, Mekky M.M Abouzied and Ahmed A. Abdel-Ghany: Octreotide: A Somatostatin Analogue, Protects Liver against CCl<sub>4</sub>-Induced Liver Injury in Mouse Model, <i>Asian Journal of Biochemistry</i>, 6(5)406- 415(2011).</li> <li>7. <b>Omar M. M. Mohafez</b>, and Mekky M. M. Abouzied: Early Effects of Diethylnitrosamine Contribute to Hepatocarcinogenesis. <i>International Journal of Pharmaceutical Research (IJPR)</i>, volume 4, issue 4 in press (2011).</li> </ol>

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8. Alaa M. Nafady and **Omar M. M. Mohafez**: Cytotoxicity of Aculeatiside-A to hepatocellular carcinoma cells determined by MTT bioassay, *Bulletin of Pharmaceutical Sciences*. Published by faculty of pharmacy, Assiut University. Vol.2, December,(2011).
  9. **Omar M. M. Mohafez**, Mohamed A. Abd EL-Aziz and Ahmad Ali Abedel ghany: The expression pattern of galectin-3 in the rat hepatocellular carcinoma. *Bulletin of Pharmaceutical Sciences*. Published by faculty of pharmacy, Assiut University. Vol.2, December, (2011).
  10. **Omar M. M. Mohafez** , Esam Abu Fadel and Mekky M.M. Abouzied: Serum levels of IL-23, TNF- $\alpha$  and oxidative stress markers in rheumatoid arthritis patients, *AAMJ*, Vol. 10 N. 3, 109 – 121, (2012).
  11. Taye A, Abouzied MM, **Mohafez OM**: Tempol ameliorates cardiac fibrosis in streptozotocin-induced diabetic rats: role of oxidative stress in diabetic cardiomyopathy. *Naunyn Schmiedebergs Arch Pharmacol*. 2013 Aug 16. [Epub ahead of print]
  12. Abdel-Hamid, N. M. **Mohafez, O. M.** Zakaria, S. Thabet, K: Hepatic somatostatin receptor 2 expression during premalignant stages of hepatocellular carcinoma. *Tumour Biol*, Oct 26. [Epub ahead of print] (2013)
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1. Oral presentation titeled "**Mouse H- protein gene** in the Annual meeting of the Japanese Society of molecular biologist, 2005,Toyama-Japan.
  2. Poster titeled "**The hierarchical regulation of the chicken glycine decarboxylase gene promoter by elements dispersed within a 4.2 kb 5'-flanking region** " in the The 20th International congress of biochemistry and molecular biology and 11<sup>th</sup> FABMB congress. June 18-23 2006 Kyoto Japan.
  3. Poster titeled "**The mouse H-protein gene promoter in an open reading frame in exon-1**" presented in the Annual meeting of the Japanese Society of molecular biologist, Tokyo Japan.
  4. Atending and sharing in the Egyptian Society of Biochemistry and molecular Biology conference, 28-29 April, 2009.
  5. Poster titeled "**The Rapid Onset of Diethylnitrosamine: Induced Hepatocellular Carcinoma**" presented in the Egyptian Society of Biochemistry and molecular Biology conference, April, 14-15<sup>th</sup> , 2010 Cairo-Egypt.
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1. Member of the Japanese Society for Biochemistry & Molecular Biology, since 2004
  2. Member of the Egyptian Society for Biochemistry & Molecular Biology, since 2008
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**Professional services**

1. Leader of the commission Al-Jawalla in the faculty 2002/2003
  2. Sports Committee Advisor in the faculty 2009/2010
  3. General Supervisor of the Central Laboratory in the faculty 2008-2010
  4. The founder of the tissue culture Laboratory
  5. The founder of the Molecular Biology Laboratory
  6. Chairman of the Committee on the needs of the College
  7. Member of Lab and research committee
  8. Head of students service committee
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**Workshops / Seminars attended**

1. Session of the institutional self-evaluation of higher education institutions from 13-17/5/2010
  2. Session of the learning outcomes and curriculum maps - high education 20-24/5/2010
  3. Session of the external review of higher education institutions 27-31/3/2010
  4. Strategic Planning Course for Higher Education Institutions 28-29/6/2010
  5. Session applied to the study of self-reliance and files for higher education institutions 22-26/5/2011
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