



## Faculty of Pharmacy



Minia University,  
Minia, Egypt

- **Name** : Nabil Mohie Abdel-Hamid.
- **Degree** : Professor of Cancer Biology.
- **Current Position** : Chairman of Biochemistry Department, Principal Instructor and Director of Hepatocellular Carcinoma Research Team, Faculty of Pharmacy, Minia University, Minia , Egypt .
- **Interest** : Early Detection and New Trends in Management of Hepatocellular carcinoma.
- **Date of Birth** : 9/8/1962 .
- **Marital status** : Married, having five kids, one boy , four girls.
- **Institute** : Faculty of Pharmacy, Minia University, Minia, Egypt .
- **Private Work** : Diagnostic Laboratory .
- **Mailing Address** : Abtal El-Faluga Street, From Al-Gaish Street, Mit-Ghomre, Dakahlia, Egypt.
- **E-Mail** : nabilmohie@yahoo.com .
- **Lab Telephone** : 0020506913997 .
- **Mobiles** : +20106426998, +20121830691 and +20127300491.
- **Qualifications** :
  - 1-Pharmaceutical Sciences Bachelor, May 1985, Zagazig University, Egypt.
  - 2-Master of Pharmaceutical Sciences (Biochemistry), May,1989 , Zagazig University, Egypt. (Titled as: Effect of Lithium on Some Brain Constituents).
  - 3-PhD of Pharmaceutical Sciences (Biochemistry), October, 1999, Zagazig University, Egypt. (Titled as : Biochemical Study on Some Hepatotoxic Agents) .
- **University homepage** : <<http://www.minia.edu.eg/>>
- **Appointments** :
  - 1- **From May 1985 to Jan 1986** : Pharmacist In Private pharmacy.
  - 2- **From Jan 1986 to May 1987** : Pharmacist in Military Forces of Egypt.
  - 3- **From May 1987 to Sept 1989**: Pharmacist In Private pharmacy and Polyclinics.
  - 4- **From End of Sept 1989 to October 1991**: Pharmacist and laboratory specialist In Imam University, Riyadh, Kingdom of Saudi Arabia.
  - 5- **From Jan 1992 to December 1992**: Chief Pharmacist In American System Hospital, Jeddah, Kingdom of Saudi Arabia.
  - 6- **From Jan 1993 up right now**: Having private clinical laboratory.
  - 7- **From Feb 2000 to May 2005** : Lecturer of Biochemistry, Biochemistry Department, college of pharmacy, Minia University, Egypt.
  - 8- **From 31 May 2005 to 26/7/2010**: Associate Professor of Biochemistry, Biochemistry Department, College of Pharmacy, Minia University, Egypt.

9- **From July 2010 Right Now:** Professor and Chairman of Biochemistry Department, college of pharmacy, Minia University, Egypt.

10- **From 1 January 2008 Right Now:** Director of Liver Cancer Research Unit, College of Pharmacy, Minia University, Egypt.

### **Principal Instructor to Current and Previous Projects on Hepatocellular Carcinoma**

1. Internalization Mediators and Coat Proteins as Seromarkers for Early Detection of Hepatitis C Viral Infection (IMCPSDHCI). ( A project published for FP7 cooperation) .
2. An Aldose Reductase Inhibitor (ARI) and Diallyl Sulfide (DAS) as Chemopreventive Combination for Hepatocellular Carcinoma in Diabetic Rats. (PhD Thesis). Finished.
3. Identification of Cervical Cancer Stem Cells. ( Joint PhD with Toyama Univ, Japan). (PhD Thesis). Finished.
4. Study of Some Biochemical Parameters in Patients with Colorectal Cancer Before and after Chemotherapy . Looking for New Parameters Useful in Detecting Metastatic Potential into Liver. (PhD Thesis). Finished.
5. Study of The Possible Anti-Cancer Activity of a Combination of Pegylated Interferon alfa-2a and Ribavirin in Rats. ( Master Thesis).
6. Glycoregulatory Enzymes Perturbation in Experimentally-Induced Hepatocellular Carcinoma. ( Master Thesis). Finished.
7. Peak Level of Some Biomarkers Suggested to Help in Elevating Sensitivity of Diagnosis of Hepatocellular Carcinoma (HCC) . (Master Thesis).
8. New Markers in Predicting Early Development of hepatocellular carcinoma Among Hepatitis –C- Infected Patient. (Master Thesis). Finished.
9. Study of Variations in Neurotransmitters' Levels in Experimentally Induced Hepatocellular Carcinoma in Rats. (Master Thesis).
10. Role of Olive Leaves in Modulating the Metabolic Disorders of Hepatocarcinoma in Rats. ( Master Thesis). Finished.
11. Expression of Somatostatin Receptor type II in Hepatocellular Carcinoma and the Treatment Effects of Some Herbs. (Master Thesis). Finished.
12. Study of The possible Extrahepatic Carcinogenic Potential of Some Chemical Carcinogenic Models. (Master Thesis).
13. Total and Individual Glycosaminoglycan Levels in Patients with Hepatocellular Carcinoma. ( Master Thesis).
14. The Anticancer Potential of Eastern Crop Garlic. (Master Thesis).
15. Collection of Serum, Plasma, and Liver Tissue Samples for Assay Development. Biobanking Among Different Grades of Hepatocellular Carcinoma Patients from Egyptian Centers. An Italian Project Submitted for FP7 at 2007.
16. Identification of Biomarkers Panel for Early Diagnosis of Hepatocellular Carcinoma in Egyptian Population. An Italian Project Submitted for Egyptian-Italian Cooperation Program at 2008.
17. Discrimination Between Primary and Secondary Hepatic Malignancies Relying on Sero Markers. (PhD Thesis).

## List of Publications

### List of Publications ( Recent is first ) :

1. **Abdel-Hamid, NM**, Nazmy, MH and Abdel-Bakey, AI(2011): Polyol profile as an early diagnostic and prognostic marker in natural product chemoprevention of hepatocellular carcinoma in diabetic rats. Diabetes Research and Clinical Practice, DOI: 10.1016/j.diabres.2011.02.003.
2. **Abdel-Hamid, NM**, El-Moselhy, MA and El-Baz, A (2011): Hepatocyte lysosomal membrane stabilization by olive leaves against chemically-induced hepatocellular neoplasia in rats. Int J Hepatol, 201. Article ID736581, 6 pages.
3. **Abdel-Hamid, NM** and Morsy, MA (2010): Novel Biochemical Pathways for 5-Fluorouracil in Managing Experimental Hepatocellular Carcinoma in Rats. J Membrane Biol, 234:29–34
4. **Abdel-Hamid, NM** (2009): Recent insights on risk factors of hepatocellular carcinoma. **Editorial, Highlight Article**, Published in: World J Hepatol, October 15;1(1): 3-7. **(Review Article)**.
5. **Abdel-Hamid, NM** (2009): Premalignant Variations in Extracellular Matrix Composition in Chemically Induced Hepatocellular Carcinoma in Rats. J Memb Biol, 230(3):155-162.
6. **Abdel-Hamid, NM** (2009): Update to risk factors for hepatocellular carcinoma. Int J of Med and Med Sci,1(3): 038-043. **(Review Article)**. ( Presented in International Symposium on Biotechnology , in Tunisia, Sfax, 2008 ).
7. **Abdel-Hamid, NM** (2008): Priority considerations in early laboratory diagnosis of hepatocellular carcinoma. Int J of Integ Biol, 3(3): 196-201. **(Review Article)**.
8. **Abdel-Hamid, NM**, Faddah, LM, Al-Rehany, MA and Awad, AA (2008): The effect of sildenafil citrate (viagra) combination with vitamin E on some blood neurotransmitters and minerals in diabetic rats. Asian J Biochem, 3(2):126 - 133.
9. **Abdel-Hamid, NM**, Faddah, LM, Al-Rehany, MA and Awad, AA (2008): Oxidative stress in the liver of diabetic rats treated with a combination of sildenafil citrate and a free radical scavenger. Asian J Biochem, 3(1):32-37.
10. El-Moselhy, MA, **Abdel-Hamid, NM** and Abdel-Raheim, SR (2009): Gastroprotective effect of nicorandil in indomethacin and alcohol-Induced ulcers . Appl Biochem Biotechnol , 152:449–459.
11. **Abdel-Hamid , NM**, Faddah, LM, Al-Rehany, MA, Ali, AH and Bakeet, AA (2007): New role of antinutritional factors, phytic acid and catechin in the treatment of CCl4 intoxication . Annals of Hepatol, 6(4): 262-266, ( Presented in Youngchem Conference, in Poland, 2007).
12. Mohamed El-Sweidy, **Nabil Abdel-Hamid**, Mohamed El-Moselhy (2007) : The role of a mixture of green tea, turmeric and chitosan in the treatment of obesity - related testicular disorders. J Appl Biomed, 5 :131-138.
13. Laila Faddah, **Nabil Abdel- Hamid**, Yaser Abul-Naga, Sanaa Ibrahim, Ahmed Mahmoud (2007) :Lactate dehydrogenase isoenzyme pattern in the liver tissue of chemically-injured rats treated by combinations of diphenyl dimethyl bicarboxylate , J Appl Biomed, 5: 77-80.
14. Ashraf El-Bassuony and **Abdel-Hamid, NM** (2006 ) : Antibacterial coumarins isolated from *Lausunae Resedifolia*. Chemistry of Plant Raw Materials,1:65-68 .

15. **Abdel- Hamid , NM** (2006 ): Diphenyl dimethyl bicarboxylate as an effective treatment for chemical-induced fatty liver in rats . African Journal of Biomed Res , 9 : 77 - 81 .
16. Faddah, LM, Al-Rehany, MA ; **Abdel-Hamid ,NM** and Bakeet, AA(2005): Oxidative stress , lipid profile and liver functions in depot medroxy progesterone average egyptian long term users . Molecules 2005, 10, 1145-1152 . ( On Pubmed), ( Presented in EuroAsian Conference, in Russia, Ciberia, 2004 ).
17. Amin, RS, Abdallah, FR And **Abdel-Hamid, NM** (2004): Variations in Some Blood Minerals Related to Bone Remodeling and Haematopoiesis in Rheumatoid Arthritis. J Elementology , 9 (4 ) : 531 – 536 .
18. **Abdel- Hamid, NM** and Tarabanko, VE (2004 : Radioprotective effect of an Egyptian wild herb *Ambrosia maritima L* (Damsissa) : Biochemical study on neurotransmitters . Chemistry of Plant Raw Materials , 4 : 53-58.
19. **Abdel-Hamid, NM**, Abdallah, FR And Amin, RS (2003 ) : Serum total calcium, magnesium and phosphorus levels in rats treated by some amino glycoside, quinolone antibiotics , pirtanide and verapamil .Tanta Med J,31(2): 565–662. (Abstracted in Toxicology Letters , 144 ( 2003 ) , Suppl 1 , abstract no. 304 , page : S 84 ).
20. **Abdel-Hamid, NM** (2003): Considerable biochemical reasons for possible ibuprofen – induced alopecia in rats. J Egyp Soc Toxicol , 29 :71 – 75.
21. **Abdel- Hamid, NM**; Amin, RS and Abdallah, FR (2002): Serum Ferritin, Folate and Cyanocobalamin Levels as Novel Markers for Ibuprofen–Induced Alopecia In Rats. Arab J Lab Med, 28 (1): 65 – 72.
22. El–Sweidy, MM, Abdallah. FR, Amin, RS and **Abdel- Hamid, NM** (2002): Prolonged intake of acetyl salicylic acid and its metabolic consequences in rats. Arab J Lab Med,28 (2) : 177 – 186 .
23. Abdallah, FR, El–Sweidy, MM, **Abdel- Hamid, NM** and Amin, RS (2002) : Concomitant intake of acetyl salicylic acid and omega-3 fatty acids , an experimental study on extracellular matrix . J Egyp Soc Toxicol , 28 :30 – 39 .
24. Faddah LMH; Abul-Naga, YA; **Abdel- Hamid, NM** and Mahmoud, AW (2002): Possible hepatoprotective combinations of diphenyl dimethyl bicarboxylate (DDB) with some antioxidants in carbon tetrachloride intoxicated rats. The Egyp J of Biochem and Mol Biol , 20 , Special Issue : 105 – 113 .
25. El–Sweidy, MM; Abdallah. FR and **Abdel- Hamid, NM** (2002 ) : Biochemical study on some hepatotoxic agents in rats. J Egyp Soc Toxicol , Suppl to Vol. 28:40–54.
26. El– Sweidy, MM, Abdallah, FR and **Abdel- Hamid, NM** (2000): The use of fibronectin and chondroitin sulphate rather than liver enzymes as markers for liver damage in individuals exposed to certain occupational hazards. Zagazig J Pharm Sci ,9 (2) : 54 – 57 .

### Under Publication Articles

1. **Abdel-Hamid, NM**, El-Moselhy, MA, Abdel-Bakey, AH and Fawzy, MA: Evaluation of anticancer properties of aqueous olive leaf extract in chemically induced hepatocellular carcinoma in rats.
2. **Abdel-Hamid, NM**, Farid, M, Eldemeri, A, Atwa, M and Anbar, N: Pro-angiogenic Mediators as Targets for Chemotherapy of Colorectal Carcinoma.

3. **Abdel-Hamid, NM**, El-Moselhy, MA and Fawzy, MA : Novel Panel of Early Diagnostic Markers for Hepatocellular Carcinoma in Rats.
4. **Abdel-Hamid, NM**, Nazmy, MH, Abdel-Ghany, MI, Abdel-Baky, AI, Nazmy, WH: Apoptosis and Inflammation as Bridges Between Experimental Hepatocarcinogenesis and Diabetes.
5. Nagy, MA and **Abdel-Hamid, NM**: Effect of Bitter Melon on Experimental Diabetic Nephropathy and Neuropathy in Rats.
6. **Abdel-Hamid, NM**, Nazmy, MH and Nazmy, WH: Vitamin C and Diallyl Sulfide as Chemosensitizers to Cisplatin in Treating Hepatocellular Carcinoma.
7. **Abdel-Hamid, NM**, Nazmy, MH, Wahid, AW, Fawzy, MA and Yousof, M: A Survey on herbal management of hepatocellular carcinoma. ***Editorial, Highlight Article. (Review Article).***

• **Books :**

1. **Herbal Radiomodulators: Applications in Medicine, Homeland Defense and Space (2008)** : Chapter 5, pp : 83-86 , CABI, UK and USA.
2. **Challenge Diseases by Garlic** . An Arabic Book published by Al-Ahram Press in Egypt .
3. **How can you Potentiate your Immunity With Herbs**. An Arabic published by Al-Eiman Press in Egypt .
4. **Medical and Biological Terminology Book** (English to simple English Dictionary ), Published by Al-Eiman Press in Egypt .
5. **Tresures of Alternative Medicine** (An Arabic Book , published by Dar Ibn Lokman , Egypt ).
6. **Chemistry in The Holy Quran**. (An Arabic Book , under publication).

• **Member in the Editorial Board of 6 international Journals :**

1. World Journal of Hepatology (2009-20013).
2. Asian J of Biochemistry.
3. International J of Biological Chemistry .
4. International J of Cancer Research.
5. International J of Pharmacology.
6. Asian J of Clinical Nutrition.
7. Research Journal of Pharmaceutical, Biological and Chemical Sciences.
8. Asian Journal of Medical Sciences (AJMS).

**Nominated by the American Biography Institute (ABI)** to be included in the directory of experts and expertise in the field of Biochemistry, at 2007 Volume.

• **Journal Peer Reviewer for :**

1. Clinica Chimica Acta (CCA).
2. World Journal of Hepatology (WJH).
3. Chemicobiological Interactions(CBI).
4. International Journal of Medicine and Medical Sciences(IJMMS).
5. International Journal of Integrative Biology (IJIB).

6. Saudi Medical Journal(SMJ).
7. African Journal of Biochemistry Research.
8. Asian Network for Scientific Information/ Academic Journals/ New York/USA ([www.acadjour.com](http://www.acadjour.com)).
9. African Journal Food Science.
10. Food and Chemical Toxicology (Elsevier).
11. Jordan Journal for Biological Sciences (JJBS).

- **Memberships in Scientific Associations :**

1. International Federation of Clin Chem .
2. Egypt Soc Biochem and Mol Biology .
3. Egypt Foundation of Diabetes .
4. Egypt Soc of Toxicol .
5. Egypt Soc of Clinical Chemistry .
6. American Society of Biochemistry and Molecular Biology .
7. Egyptian Association of Alternative Medicine.
8. Arab Soc of Med Res.
9. Egyptian Society of Biotechnology and Environmental Sciences.
10. Egyptian Society of Medicines and Experimental Therapeutics.
11. Egyptian Society of Environmental Mutagens.
12. Association of Liver Patients Care in Dakahlia ( Egypt).

- **Had 7 training sessions in quality control and accreditation program .**
- **Attended and elected from the University for British Council Workshop In Cairo for Project Preparation Skills.**

- **Conferences :**

1. Participated in about Many international and National conferences in Russia ( Siberia, 2004 ) , USA ( Connecticut Health Centre, 2006 ) , Poland (Warsaw, Young Chem, 2007) , ( Tunisia , SBC, Sfax, 2008 ).South Korea ( Seoul, 2010).
2. Invited speaker in Poland, Palestinian College of Medicine, USA(CT) and Association of Indian Biochemists .

- **Exchange visitor to :**

- 1- Blood Brain Barrier Research Unit (Tissue culture research ) , Pharmacology Dept. , University of Connecticut, Connecticut , USA , as postdoctoral sabbatical leave.
- 2- University of Toyama, Graduate school of medicine and pharmaceutical sciences ,Department of regenerative medicine, as a channel system on cancer stem cells.