



Faculty of Pharmacy



Curriculum Vitae

- **Name** : Nabil Mohie Abdel-Hamid.
- **Current Position** : Dean of Pharmacy College, Kafrelsheikh University, Egypt.
- **Degree and Research Interest** : Professor of Biochemistry (Cancer Biologist, Principal Instructor and interested in Hepatocellular Carcinoma Research.
- **Research goals** : Early Detection and New Trends in Management of Hepatocellular carcinoma, including chemo and radio sensitization to cancer therapy.
- **University homepage** : <http://www.kfs.edu.eg/univeristy/>
- **My homepage** : <http://nabilmohie.academia.edu/NabilMohieAbdelHamid>
- **My Page on Wikipedia** : http://en.wikipedia.org/wiki/User:Dr_Nabil_Mohie
- **Date of Birth** : 9 August /1962 .
- **Place of Birth** : Dabonia, Mit-Ghamr, Dakahlia, Egypt.
- **Marital status** : Married, having five kids, one boy, four girls.
- **Institute** : College of Pharmacy, Kafrelsheikh University, Egypt.
- **Private Work and Mailing Address** : Dr Nabil Mohie Diagnostic Laboratory .
- : Abtal El-Faluga Street, From Al-Gaish Street, Mit-Ghamr, Dakahlia, Egypt.
- **E-Mail** : nabilmohie@yahoo.com
- **Lab Telephone** : +20506913997.
- **Mobiles** : +201227300491 and +201006426998.
- **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) .
- **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 right now:** Having private clinical laboratory.
 - [7] **From 29 Feb 2000 to 28 Jun 2005** : Lecturer of Biochemistry, Biochemistry Department, College of Pharmacy, Minia University, Egypt.
 - [8] **From 28 Jun 2005 to 31 Aug 2010:** Associate Professor of Biochemistry, Biochemistry Department, College of Pharmacy, Minia University, Egypt.

- [9] **From 31 Aug 2010 right Now:** Professor of Biochemistry (Cancer Biology).
- [10] **From 26 Sept 2010 to 30 Nov 2011:** Chairman of Biochemistry Department, College of Pharmacy, Minia University, Egypt.
- [11] **From 29 Sept 2011 to 31 July 2012:** Vice Dean of Society Development and Ecology Affairs, College of Pharmacy, Minia University, Egypt.
- [12] **From 1 Aug 2012 right Now:** Professor of Biochemistry in Biochemistry department.
- [13] **From 13 Aug 2012 right Now:** Dean of College of Pharmacy, Kafrelsheikh University, Kafrelsheikh , Egypt.

Experience as a Principal Instructor to Theses and 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).

18. Validation of Alpha L-Fucosidase as a New Marker for Early Diagnosis of Hepatocellular Carcinoma. (Master Thesis).
19. Investigation of Possible Changes of HDGF Expression in Hepatocarcinogenic Mous Model. (Master Thesis).
20. DNA Hyper Methylation in Hepatocellular Carcinoma. (PhD Thesis).
21. Minimization of Liver Cancer Development by Using Some Egyptian Phytoceuticals Through Management of Inflammatory and Oxidative Stresses (Joint Project with Vienna University of Medicine).
22. Targeting Some Cancer Mediators by C-phycocyanin from *Spirulina maxima* Against Experimental Hepatocellular Carcinoma (Joint Project with Tanta University, College of Science).
23. Role of Naturoceuticals as a Chemo-Sensitizer for Experimental Hepatocellular Carcinoma (Joint Project with Mansura University, College of Science).

List of Publications

List of Publications (Recent is first) :

- [1] **Abdel-Hamid, NM**, El-Moselhy, MA and Fawzy, MA (2012): Novel panel of early diagnostic markers for experimental hepatocellular carcinoma. Journal of Health Science, 2(2): 14-18.
- [2] Nagy MA, Bastawy, MA and **Abdel-Hamid, NM** (2012): Effects of Momordica Charantia on Streptozotocin-Induced Diabetes in Rats: Role of Insulin, Oxidative Stress and Nitric Oxide. Journal of Health Science, 2(2): 8-13.
- [3] **Abdel-Hamid, NM**, Bastawy, M A and Nagy, MA(2012): Golden forms of NanoSized Anticancer Drugs. Arch in Cancer Research, 1 (1):1. doi: 10.3823/900 (**Review article**).
- [4] **Abdel-Hamid, NM**, Nazmy, MH, Abdel-Ghany, MI, Nazmy, WH (2012): Cytokines as Important Playmakers of Experimental Hepatocarcinogenesis Confounded Diabetes. Annals of Hepatol, 11(1): 118-127.
- [5] **Abdel-Hamid, NM**, Nazmy, MH and Nazmy, WH (2011): Vitamin C and Diallyl Sulfide as Chemo-Sensitizers to Cisplatin in Treating Hepatocellular Carcinoma. Journal of Solid Tumors 1(3):90-102.
- [6] **Abdel-Hamid, N M**, Farid, MM, Eldemeri, AM, Atwa, M and Anbar, NH (2011): Pro-Angiogenic Mediators as Targets for Chemotherapy of Colorectal Carcinoma. Am J of Med and Med Sci, 1(1): 7-14. doi: 10.5923/j.ajmms.20110101.02.
- [7] **Abdel-Hamid, NM**, El-Moselhy, MA and Fawzy, MA (2011): Evaluation of Hepatoprotective and Anticancer Properties of Aqueous Olive Leaf Extract in Chemically Induced Hepatocellular Carcinoma in Rats. Am J of Med and Med Sci, 1(1): 15-22. doi:10.5923/j.ajmms. 20110101.03
- [8] **Abdel-Hamid, NM**, Nazmy, MH, Wahid, AW, Fawzy, MA and Youssouf, M(2011): A Survey on Herbal Management of Hepatocellular Carcinoma. World J Hepatol, 3(7):175-183. (**Editorial, Highlight Review Article Article**).
- [9] **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, 92(2): 228 – 237. DOI: 10.1016/j.diabres.2011.02.003.

- [10] **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*, 2011(6 pages). doi:10.4061/2011/736581.
- [11] **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.
- [12] **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)**.
- [13] **Abdel-Hamid, NM** (2009): Premalignant Variations in Extracellular Matrix Composition in Chemically Induced Hepatocellular Carcinoma in Rats. *J Memb Biol*, 230(3):155-162.
- [14] **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].
- [15] **Abdel-Hamid, NM** (2008): Priority Considerations in Early Laboratory Diagnosis of Hepatocellular Carcinoma. *Int J of Integ Biol*, 3(3): 196-201. **(Review Article)**.
- [16] **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.
- [17] **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.
- [18] 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.
- [19] **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 Young-Chem Conference, in Poland, 2007).
- [20] 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.
- [21] 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.
- [22] Ashraf El-Bassuony and **Abdel-Hamid, NM** (2006) : Antibacterial Coumarins Isolated from *Lausunae Resedifolia*. *Chemistry of Plant Raw Materials*, 1:65-68 .
- [23] **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.
- [24] 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. (Presented in EuroAsian Conference, in Russia, Siberia, 2004).

- [25] 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 .
- [26] **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.
- [27] **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 , Piretanide and Verapamil. Tanta Med J,31(2): 565–662. (Abstracted in Toxicology Letters , 144 (2003) , Suppl 1 , abstract no. 304 , page : S 84).
- [28] **Abdel-Hamid, NM** (2003): Considerable Biochemical Reasons for Possible Ibuprofen – Induced Alopecia in Rats. J Egyp Soc Toxicol , 29 :71 – 75.
- [29] **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.
- [30] 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.
- [31] 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 .
- [32] 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 .
- [33] 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.
- [34] 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 .

Accepted for Publication Articles

- [1] **Abdel-Hamid, NM**, Abdel-Ghany MI, Nazmy MH, Amgad SW: Can Methanolic Extract of Nigella Sativa Seed Affect Glyco-regulatory Enzymes in Experimental Hepatocellular Carcinoma ? [Published online first in : Environmental Health and Preventive Medicine, Japanese Journal].

Under Publication Articles

- [2] **Abdel-Hamid, NM**, Ramadan, MF and Amgad, SW: Glycoregulatory Enzymes as Early Diagnostic Tool for Hepatocellular Carcinoma.

- [3] **Abdel-Hamid, NM**, Aoulia, D, Aymen, BA and Amina, Y: Acute Myocardial Infarction Revealing a Polycythemia Vera. (Case Report).
- [4] **Abdel-Hamid, NM**, Wahid, AM and Helaly, T: Estimation of Des-gamma-carboxyprothrombin Rather than Alpha Fetoprotein Elevates the Diagnostic Performance of Hepatocellular Carcinoma among Upper Egyptian Hepatitis C Patients.
- [5] Moustafa Fathy, Chika Koike , Toshiko Yoshida, Motonori Okabe, Kaixuan Zho, **Nabil Mohie Abdel-Hamid**, and Toshio Nikaido: Identification of Cervical Cancer- Stem Cells

● 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 Book 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 international Journals:

- **Editor in Chief for the journal: Archives in Cancer Research.**

Website: <http://imedpub.com/ojs/index.php/archcanres>

○ Editorial Board member at

1. Associate Editor of Herald Journal of Biochemistry and Bioinformatics (HJBB).
2. World Journal of Hepatology (2009-20013).
3. Journal of Solid tumors (JST).
4. Asian J of Biochemistry.
5. International J of Biological Chemistry .
6. International J of Cancer Research.
7. International J of Pharmacology.
8. Asian J of Clinical Nutrition.
9. Research Journal of Pharmaceutical, Biological and Chemical Sciences.
10. Asian Journal of Medical Sciences (AJMS).
11. Journal of Health Sciences. Site: On which a special page for me:
<http://www.sapub.org/journal/editorialdetails.aspx?JournalID=1129&PersonID=15260>
12. Health Systems and Policy Research. Site: <http://hsprjournal.blogspot.com/p/editorial-board.html>

13. Journal of Analytical Oncology.
14. Wulfenia Journal, Museumgasse, Austria.

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. Having a certificate from this institute.

● **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).
- [9] African Journal Food Science.
- [10] Food and Chemical Toxicology (Elsevier).
- [11] Jordan Journal for Biological Sciences (JJBS).
- [12] The Journal of Biomedical Science.
- [13] Cancer Chemotherapy and Pharmacology.
- [14] Brit J Med and Med Res.

● **Memberships in Scientific Associations**

- [1] International Federation of Clin Chem .
- [2] Egyp. Soc Biochem and Mol Biology .
- [3] Egyp. Foundation of Diabetes .
- [4] Egyp. Soc of Toxicol .
- [5] Egyp 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).
- [13] Middle-Eastern Association for Cancer Research (MEACR).
- [14] Egypt Scientist League.

- Had 10 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 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). (Austria, Vienna, 2011).
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.

- **Symposia and Social Interests**

Presented lectures at many Universities as : Zagazig, Minia, Mansura, Tanta and Islamic Centre of Vienna (Austria), about:

- 1- Health Hazards.
- 2- Infection Control and Antibiotic Policies.
- 3- Hepatitis C Viral Epidemiology.
- 4- Cancer Risk Factors.
- 5- Ancient Egyptian Medicine.
- 6- Way of Thinking of Muslims.
- 7- Biobanking.
- 8- Many TV at local and satellite channels.