



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



<b>Name</b>	<b>Dr. Michelyne Haroun</b>		
<b>Specialization</b>	Pharmaceutical Chemistry		
<b>Current Position</b>	Assistant Professor		
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<b>Academic Qualifications</b>	Degree/year/university/country	2001	Doctorate in Organic Medicinal Chemistry, Laboratory of Medicinal Chemistry, Faculty of Pharmacy, Université René Descartes, Paris V, France,
	Degree/year/university/country	1997	(Diplôme d'Etudes Approfondies de Chimie Moléculaire et Supramoléculaire (chimie organique, inorganique et biochimie), Université Louis Pasteur, Strasbourg, France,
<b>Teaching Experience</b>	2010-2013: Assistant Professor, Umm Al-Qura University, Faculty of Pharmacy, King Saudi Arabia		
	2009-2010: Researcher, Lebanese University, Doctoral School, Lebanon		
	2002-2009: Assistant Professor, Notre Dame University, Lebanon		
<b>Courses Taught and Teaching in KFU</b>	➤	2010112 :	Pharmaceutical Organic Chemistry-1
	➤	2010123:	Pharmaceutical Organic Chemistry-2
<b>Research Interests</b>	1. Design, synthesis and biological evaluation of novel heterocyclic compounds as anticancer agents		
	2. Multi-step organic syntheses at the forefront of the discovery of active compounds.		
	3. Computer-aided drug design molecular modeling		
<b>Research Grants Received</b>	➤	Principal investigator in the project " <i>Design, Synthesis, and Biological Evaluation of Novel Psorospermin Analogs That Rely on Topoisomerase II-Directed Alkylation of DNA and Activity against Drug-Resistant Tumors</i> " funded for 2 million riyals by NPSTI (KACST).	
	➤	Principal investigator in the project: " <i>Rational Development of Novel Ellipticines That Target p53 Deficiency by Activation of p73 and Their Delivery Using Nanotechnology for Cancer Therapy</i> " funded for 2 million riyals by NPSTI (KACST).	
<b>Publications</b>	1. Molecular modelling design, synthesis and cytotoxic evaluation of certain substituted 2-(3,4,5-triacetoxybenzoylamino)benzo[d]thiazole and 2-(galloylamino)benzo[d]thiazole derivatives having potential topoisomerase-I inhibitory activity. Mohammed Abdel Hamid Ismail, Christophe Tratat, Michelyne Haroun, <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , on line since September 2012.		
	2. Multiclass Analysis on Repaglinide, Flubendazole, Robenidine Hydrochloride and		

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Danofloxacin Drugs. Taleb T. Al-Nahary, Mohamed Abdel Nabi El-Ries, Gehad G. Mohamed, Ali Kamal Attia, Yahia Nassser Mabkhot, Michelyne Haroun, Assem Barakat, *Arabian Journal of Chemistry*, 2013, 6, 131-144.

3. New Approach of Ethyl Substituted Isoquinoline-3-Carboxylate Synthesis Michelyne Haroun, Mohamad Abdul-Ghani, Christophe Tradrat, *Jordan Journal of Chemistry*, 2009, 4 (4), 325.
4. Dioxypyhenazines as Potential Anti-Cancer Agents. Michelyne Haroun, Proceedings of the 5<sup>th</sup> Congress Research Outlook in the Arab World, SRO5, Scientific Innovation and Sustained development, Medicine and Pharmacology, 23-25 October 2008, Fez-Morocco.
5. Designofa Composite Ethidium-Netropsin-Anilino acridine Molecule for DNA Recognition. Carolina Carrasco, Philippe Helissey, Michelyne Haroun, Brigitte Baldeyrou, Amelie Lansiaux, Pierre Colson, Claude Houssier, Sylviane Giorgi-Renault, Christian Bailly, *ChemBioChem*, 2003, 4 (1), 50-61.
6. New Synthesis of 5,10-Dioxypyhenazine-2-Carboxylic Acid. Michelyne Haroun, Philippe Helissey, Sylviane Giorgi-Renault, *Synthetic Communications*, 2001, 31 (15), 2329-2334.

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Presentations And abstracts

- "Design, Synthesis and Antitumor Evaluation of New Camptothecin Analogues", The 12<sup>th</sup> Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry Luxor, Egypt, Feb, 16-19, 2013.
  - " Synthesis and Cytotoxic Screening of New Aromathecins ", The First International Conference on Science Diplomacy and Developments in Chemistry, Alexandria, Egypt, Nov. 24-26, 2012.
  - "A Novel Series of Aromathecins as Antitumor Agents", 33<sup>rd</sup> National Medicinal Chemistry Symposium, Faculty of Pharmacy, University of Arizona, Tucson, USA, May 2012.
  - "Design, Synthesis and Antitumor Evaluation of New Camptothecin Analogues", International Conference on Global Trends in Pure and Applied chemical Sciences", Udaipur (Rajasthan) India, March 2012.
  - "Synthesis and Biological Evaluation of New Aromathetin Analogues", The 4<sup>th</sup> International Chemistry Conference, King Saud University, Ryad, KSA, November 2011.
  - "Synthesis and pharmacological studies of trifunctional combilexins where a ligand of the minor groove is coupled to two intercalating chromophores", *The 4th International Meeting On Molecular Chemistry and Development "RICMD4"*, Marrakech, November 2010.
  - "Efficient Synthesis of Ethyl 1,4-Disubstituted Isoquinoline-3-Carboxylate by regioselective Cross-Coupling Reactions", *11 Ibn Sinaa International Conference on Pure and Applied Heterocyclic Chemistry*, Faculty of Science and Faculty of Pharmacy, Ain Shams University, Cairo, December 2008.
  - "Dioxypyhenazines as Potential Anti-Cancer Agents", 5<sup>th</sup> Congress Research Outlook in the Arab World, SRO5, Scientific Innovation and Sustained development, Medicine and Pharmacology, October 2008, Fez-Morocco, Conference, Proceedings.
  - "Design, Synthesis and Pharmacological Evaluation of New Heterocyclic Compounds as Novel Anticancer Drugs", *International Conference on Research*
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*Trends in Science and Technology*, Lebanese American University, Lebanon, March 2005.

- "Synthèse de nouveaux ligands dans lesquels la nétropsine est couplée à deux chromophores". *14 Journée Franco-Belge de Pharmacochimie*, Lille, May 2000.
  - "Nouvelle synthèse de l'acide 5,10-dioxyphénazine-2 carboxylique", *Journée de Chimie Organique et Chimie Organique-Biologique de la Montagne-Sainte-Genève*, Paris, March 2000.
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