



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



Name	Dr. Christophe Tradrat		
Specialization	Pharmaceutical Chemistry		
Current Position	Assistant Professor		
Contact email (Official)	--		
Alternate email	c_tradrat@yahoo.fr	Phone	:03-5817175
Academic Qualifications	Degree/year/university/country	1999, <i>Doctorate in Chemistry</i> , Université René Descartes, Faculty of Pharmacy, Paris V, France	
	Degree/year/university/country	1996, <i>Magistère in Chemistry</i> (Licence, Maîtrise, DEA, Research) Ecole Normale Supérieure de Paris et Université de Pierre et Marie Curie, Paris VI, France	
Teaching Experience	2010- 2013 Assistant Professor , Umm Al-Qura University, King Saudi Arabia		
	2004- 2010 Assistant Professor , Notre Dame University, Lebanon		
	2003-2004 Assistant Professor (Part-time), Lebanese American University, Notre Dame University and Balamand University, Lebanon		
	2001-2003 Assistant Professor , University of Clermont-Ferrand, France		
	2000- 2001 Associate Research , Imperial College, England		
Courses Taught and Teaching in KFU	➤ 2010112 : Pharmaceutical Organic Chemistry-1		
	➤ 2010123: Pharmaceutical Organic Chemistry-2		
Research Interests	1. Design and synthesis of novel heterocyclic compounds as anticancer agents		
	2. Multi-step organic syntheses at the forefront of the discovery of active compounds		
	3. Solid phase synthesis for combinatorial chemistry application		
	4. Computer-aided molecular modeling drug design		

Research Grants Received	<ol style="list-style-type: none"> 1. Preparation and development through computer-aided molecular drug design of isoxazolidine nucleosides, and isoxazolidinyl and nucleosidyl podophyllotoxin derivatives with potential antiviral and anticancer activities. KACST, Co-I, March 2011. 2. Rational development of novel ellipticines that target p53 deficiency by activation of p73 and their delivery using nanotechnology for cancer therapy. KACST, Co-I, September 2011. 3. Design, synthesis and biological evaluation of novel psorospermin analogs that rely on topoisomerase II-directed alkylation of DNA and activity against drug-resistant tumors. KACST, Co-I, March 2012.
Publications	<ol style="list-style-type: none"> 1. A convenient route to quinolone-fused imides and lactams: synthesis of pyrrolo[3,4-b]quinoline-3,9-diones and 1,3,9-triones by oxydation of indole derivatives. <u>C. Tratrat</u>, S. Giorgi-Renault, H.-P. Husson, <i>Synlett</i>, 1998, 1071. 2. Oxidative cleavage of indole-α-lactones with <i>m</i>-chloroperbenzoic acid: First Synthesis of Spiroindoline-2-one-α-lactones. <u>C. Tratrat</u>, S. Giorgi-Renault, H.-P. Husson, <i>J. Org. Chem.</i>, 2000, 65, 6773. 3. Palladium-Catalyzed N-arylation of Tetrahydroquinoline and Tetrahydroisoquinoline with Arylhalides. J. MeneyrolL, P. Helissey, <u>C. Tratrat</u>, S. Giorgi-Renault, H.-P. Husson, <i>Synthetic Communications</i>, 2001, 31, 987. 4. A Multicomponent Reaction for the One-Pot Synthesis of 4-aza-2,3-dehydropodophyllotoxin and derivatives. <u>C. Tratrat</u>, S. Giorgi-Renault, H.-P. Husson, <i>Organic Letters</i>, 2002, 19, 3187. 5. A¹-Ketoamino ester as valuable tool for the asymmetric construction of substituted homopipercolic esters. Application to a synthesis of (+)-Calvine. S. Rougnon-Glasson, <u>C. Tratrat</u>, J.-L. Canet, P. Chalard, Y. Troin, <i>Tetrahedron Asymmetry</i>, 2004, 1562. 6. New Approach of Ethyl Substituted Isoquinoline-3 Carboxylate Synthesis Michelyne Haroun, Mohamad Abdul-Ghani, <u>Christophe Tratrat</u>, <i>Jordan Journal of Chemistry</i>, 2009, 4, 325. 7. Molecular modeling 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. Mohamed A.H. Ismail, <u>Christophe Tratrat</u>, Michelyne Haroun. <i>Journal of Enzyme inhibition and Medicinal Chemistry</i>, online on September 2012.
Presentations And abstracts	<ul style="list-style-type: none"> ➤ Ninth fechem Conference on Heterocycles in Bio-Organic Chemistry, Aussois. May 1998 A convenient route to quinolone-fused imides and lactams: synthesis of pyrrolo[3,4-b]quinoline-3,9-diones and 1,3,9-triones by oxydation of indole derivatives. ➤ 35th International Meeting on Medicinal Chemistry. Rouen, France. July 1999 Synthesis and reactivity studies of pyrroloquinolines: pyrrolo[3,4-b]quinoline-1,3,9-triones, 1,9-diones and 3,9-diones. ➤ 37th International Meeting on Medicinal Chemistry. Tours, France. July 2001

Les 4-azapodophyllotoxines: nouvelles molécules à forte activité antitumorale, inhibitrices de la polymérisation de la tubuline.

- 17th French-Japanese Symposium on Medicinal and Fine Chemistry. Tohoku University, May 2004
A-Ketoamino ester as valuable tool for the asymmetric construction of Homopiperic esters.
 - 11th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry, Faculty of Science and Faculty of Pharmacy, Ain Shams University, Cairo, 13-16, December 2008
Efficient Synthesis of Ethyl 1,4-Disubstituted Isoquinoline-3-Carboxylate by Regioselective Cross-Coupling Reactions.
 - The Fourth International Chemistry Conference, King Saud University, KSA, November 2011
Synthesis and Biological Evaluation of New Aromathecine Analogues.
 - International Conference on Global Trends in Pure and Applied Chemical Sciences, Udaipur (Rajasthan) India, March 2012
Design, Synthesis and Antitumor Evaluation of New Camptothecin Analogues
 - 33rd National Medicinal Chemistry Symposium, Faculty of Pharmacy, University of Arizona, Tucson, May 2012
A Novel Series of Aromathecins as Antitumor Agents.
-