



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6383

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Chemistry**

Scientist- in - charge: **Prof. Sara Sattin**

[Ibrahim El Deeb]

**CURRICULUM VITAE**

## PERSONAL INFORMATION

Surname	El Deeb
Name	Ibrahim

## PRESENT OCCUPATION

Appointment	Structure
Lecturer of Organic Chemistry	In Tanta University, Egypt

## EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization	Synthetic Organic Chemistry		
PhD	Organic Chemistry	Kobe University, Japan	2017
Master	Organic Chemistry	Tanta University, Egypt	2011
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City
2014		Japanes Chemical Society	Kobe, Japan
2019		Swiss Chemical Society	Fribourg, Switzerland

## FOREIGN LANGUAGES

Languages	level of knowledge
Arabic	Native
English	Excellent
French	Beginner

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2013	MEXT scholarship in Japan, for doctoral degree
2019	Egypt-Japan education postdoctoral fellowship
2019	Swiss excellence governmental postdoctoral fellowship

## TRAINING OR RESEARCH ACTIVITY

<ol style="list-style-type: none"><li>1. Synthesis of different carbohydrate moieties based on Lewis and Bronsted acid catalyzed reactions.</li><li>2. Studying various palladium catalyzed oxidation of cyclohexanones and 1,3-cyclohexanedione derivatives.</li><li>3. Utilizing a new method in the synthesis of alkyl ethers and phenols using combination of palladium on charcoal and high pressure of ethylene gas.</li><li>4. Studying the application of palladium on charcoal-ethylene system in the synthesis of resveratrol.</li><li>5. Studying new methods for radical oxidation reactions based on utilizing manganese triacetate.</li><li>6. Synthesis of different novel heterocyclic compounds by using classical batch, microwave techniques and Flow techniques.</li><li>7. Characterization of the prepared compounds using <math>^1\text{H}</math> NMR, <math>^{13}\text{C}</math> NMR, IR and Mass spectra.</li><li>8. Study the biological and medicinal application of synthesized compounds as antifungal, antibacterial and antitumor.</li></ol>
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## PROJECT ACTIVITY

Year	Project
2014	Application of Palladium on charcoal, ethylene gas system in oxidation reaction
2019	Application of flow chemistry in synthesis of biologically active heterocyclic compounds

## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
April 11-16, 2011.	11 <sup>th</sup> International conference on Chemistry and its role in development.	Sharm El Sheikh, Egypt
December 30-31, 2010	Workshop on computer-based drug design, Medicinal Chemistry Department, Mansoura University.	Mansoura, Egypt
January 28, 2006	Workshop on microwave assisted synthesis, Anton Paar company.	Cairo, Egypt
March 24-27, 2016	96 <sup>th</sup> Japanese chemical society meeting in Doshisha University, Kyoto, Japan, March 24—27, 2016	Kyoto, Japan
September, 14-16, 2016	63 <sup>rd</sup> Symposium of organometallic chemistry in Waseda University.	Tokyo, Japan
March, 16-19, 2018	Ibn Sina international arab conference on heterocyclic chemistry and its application ISIAHC.	Hurghada, Egypt
October, 17, 2019	SCS-Syngenta symposium.	Stein, Switzerland

## PUBLICATIONS

Books




Articles in reviews
Synthesis of Pyrazolo[3,4-b]pyridines Under Microwave Irradiation in Multicomponent Reactions and Their Antitumor and Antimicrobial Activities-Part I El-borai, M. A.; Rizk, H.F.; Abd-Aal, M. F.; <u>El-Deeb, I. Y.</u> <i>Eur. J. Med. Chem.</i> <b>2012</b> , <i>48</i> , 92—96.
Microwave-assisted Synthesis of Some New Pyrazolopyridines and Their Antioxidant, Antitumor and Antimicrobial Activities. El-borai, M. A.; Rizk, H.F.; <u>El-Deeb, I. Y.</u> <i>Eur. J. Med. Chem.</i> <b>2013</b> , <i>66</i> , 415—422.
A Convenient Synthesis of a Series of Pyrazolo[3,4-D]Pyrimidines as Potential Antimicrobial and Antioxidant agents. El-borai, M. A.; Rizk, H. F.; Abd-Aal, M. F.; <u>El-Deeb, I. Y.</u> ; Sadek, M. E. <i>Journal of Applicable Chemistry</i> , <b>2014</b> , <i>3</i> , 1526—1537.
Conversion of Cyclohexanones to Alkyl Aryl Ethers Using a Pd/C-Ethylene System <u>El-Deeb, I. Y.</u> ; Tian, M.; Funakoshi, T.; Matsubara, R.; Hayashi, M. <i>Eur. J. Org. Chem.</i> <b>2017</b> , 409—413.
Dehydrogenative Formation of Resorcinol Derivatives Using Pd/C__Ethylene Catalytic System <u>El-Deeb, I. Y.</u> ; Funakoshi, T.; Shimomoto, Y.; Matsubara, R.; Hayashi, M. <i>J. Org. Chem.</i> <b>2017</b> , <i>82</i> , 2630—2640.
Effect of graphene oxide on photo and thermal curing of chalcone-based Benzoxazine resins. Salahuddin, N.; Rehab, A.; <u>El-Deeb, I. Y.</u> ; Elmokadem, R. <i>Polym. Bull.</i> <b>2022</b> , <i>79</i> , 3175—3191.
Selective synthesis of iminodioxaspiro[3.3]nonanes and diazaspirononanes using formic acid-activated Mn(III) oxidation of N1,N3-disubstituted malonamides with 1,1-diarylethenes. Shimoishi, R.; Nakano, Y-U.; <u>El-Deeb, I. Y.</u> ; Nishino, H. <i>Tetrahedron</i> , <b>2022</b> , <i>105</i> , 132611.



Capturing a pentacyclic fragment-based library derived from Perophoramidine: Their design, synthesis and evaluation as anticancer compounds via DNA double strand breaks (DSB).

Sen, S.; Guha, S.; El-Deeb, I. Y.; Yadav, S.; Das, R.; Dubey, K. D.; Gremaud, L. *Chem. Eur. J.* **2022**, *28*, e202202405

Congress proceedings

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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