

### **Basic Information :**

**Name :** Yousra Mohamed Sabry  
**Title :** Associate professor



Dr. Yousra Mohamed Sabry, Associate professor in Pharmacology and Toxicology and Biochemistry Department. She has got her PhD from Catholic University Leuven, Belgium.

### **Education :**

Certificate	Major	University	Year
PhD	Pharmaceutical Sciences	Catholic University Leuven	2007
Masters	Pharmaceutical Sciences	Catholic University Leuven	2003

### **Teaching Experience :**

Name Of Organization	Position	From Date	To Date
Catholic Univesity Leuven	Postdoctoral fellow of the EUGene-Heart project	01/04/2008	30/09/2010
Catholic Univesity Leuven	Postdoctoral fellow of the Agency for Innovation by Science and Technology of Flanders	01/10/2007	31/03/2008

### **Research :**

In search for effective and safe drugs against SARS-CoV-2: Part III] The electronic factors of Remdesivir and the naturally extracted Aspirochlorine drugs

In search for effective and safe drugs against SARS-CoV-2: Part II] The role of selected salts and organometallics of copper, zinc, selenium, and iodine food supplements

In Search for Effective and Safe Drugs against SARS-CoV-2: Part I] Simulated interactions between selected nutraceuticals, ACE2 enzyme and S Protein simple peptide sequences.

Euryops pectinatus L. Flower Extract Inhibits P-glycoprotein and Reverses Multi-Drug Resistance in Cancer Cells: A Mechanistic Study.

Carbamazepine alleviates retinal and optic nerve neural degeneration in diabetic mice via nerve growth factor-induced PI3K/Akt/mTOR activation.

Inhibitory effect of valproate sodium on behavior in diabetic mice involves suppression of spinal histone deacetylase 1 and inflammatory mediators

Raspberry keto ne and Garcinia Cambogia rebalanced disrupted insulin resistance and leptin silencing in rats fed high fat fructose diet

Novel combination of thymoquinone and resveratrol enhances anticancer effect on hepatocellular carcinoma cell line

Thymoquinone alleviates the experimentally induced Alzheimer's disease inflammation by modulation of TLRs signaling

Effect of cardamonin on hepatic ischemia reperfusion induced in rats: Role of nitric oxide.

Quercetin and tin protoporphyrin attenuate hepatic ischemia reperfusion injury: role of HO-1.

The anorectic agent, lorcaserin, disturbs estrous cyclicity and produces endometrial hyperplasia without affecting ovarian population in female rats.

Molecular Modeling Studies of Some Uracil and New Deoxyuridine Derivatives

Cardiac disorders and mode of action of the Egyptian scorpion venom Androctonus bicolor on isolated toad's heart

#### **Conference :**

1. Diego-Garcia E, Schwartz E, Abdel-Mottaleb Y, Rodriguez de la Vega R C, De Roodt A R, Tytgat J and. Possani LD. Scorpine and bKTX—like peptides from scorpion venoms: Genes, peptides and activities of the “orphan” components. The 16th International Society on Toxinology – European Section Meeting Leuven, Belgium, 7-10 September, 2008.
2. Vandendriessche T, Maertens C, Abdel-Mottaleb Y, Cuypers E, Nubbemeyer U, Mebs D, Tytgat J. PTX 251 D, a new modulator of voltage-gated ion channels: a joint venture alkaloid from arthropods and amphibians. 15th world congress on Animal, Plant and Microbial toxins: Glasgow 23-28 July 2006.
3. Abdel-Mottaleb Y, Kumar P, Ceard B, Bougie P, Martin-Eauclaire MF, Tytgat J. Evidence for a novel epitope for hERG channels blocking activity. 15th world congress on Animal, Plant and Microbial toxins: Glasgow 23-28 July 2006
5. Vandendriessche T, Abdel-Mottaleb Y, Maertens C, Cuypers E, Nubbemeyer U, Mebs D, Tytgat J. Modulation of voltage-gated Na<sup>+</sup> and K<sup>+</sup> channels by pumiliotoxin 251D: a joint venture alkaloid from arthropods and amphibians. Toxines et douleur. 13emes rencontres en Toxinologie, Paris 1-2 Décembre 2005.
7. Abdel-Mottaleb, Y. & Tytgat, J. A Search for novel ligands acting on HCN channels. Proceedings 15th European Symposium on Animal, Plant and Microbial toxins, Slovenia, 19-23 June 2004.

#### **Awards :**

<b>Award</b>	<b>Donor</b>	<b>Date</b>
N/A (not applicable)	N/A (not applicable)	01/01/2010