

	<p style="text-align: center;"><b>Rowaida Refaat Shehata</b>  <b>Department of Pharmacology</b>  <b>Medical Research Institute</b>  <b>Alexandria University</b>  <b>rowaida_rs@yahoo.com</b></p>
<b>Academic position:</b>	Assistant Professor in Pharmacology
<b>Qualification:</b>	<ul style="list-style-type: none"> <li>- 1986: M.B.B.Ch, Alexandria University</li> <li>- 1996 Master of Pharmacology, Alexandria University</li> <li>- 2003 Ph.D., in Pharmacology Tanta University</li> </ul>
<b>Citizenship:</b>	Egyptian
<b>Working experience:</b>	<p>1988, Demonstrator of Pharmacology, Medical Research Institute, Alexandria University.</p> <p>1996, Assistant lecturer of Pharmacology, Medical Research Institute, Alexandria University.</p> <p>2004-2009, Lecturer in Pharmacology, Medical Research Institute, Alexandria University.</p> <p>2009-2011, Lecturer in Pharmacology, Faculty of Pharmacy and Drug Manufacturing, Pharos University.</p> <p>2011-2014, Lecturer in Pharmacology, Medical Research Institute, Alexandria University</p> <p>2014, Assistant professor in Pharmacology, Medical research Institute, Alexandria University</p> <p>2016-2021 Head of department of Pharmacology, Medical Research Institute, Alexandria University</p>
<b>Research interest:</b>	Diabetes- Rheumatoid arthritis
<b>Societal affiliations:</b>	<p>Egyptian Association of advancement of Medical Basic Sciences (AMBS).</p> <p>Middle-East Biophysical Society (MBS).</p>
<b>Publications:</b>	<p>Sherihan Salaheldin Abdelhamid Ibrahim, Mona Abdelrazek Salama, Eman Selima, Rowaida Refaat Shehata. Sitagliptin and tofacitinib ameliorate adjuvant induced arthritis via modulating the cross talk between JAK/STAT and TLR-4/NF-κB signaling pathways. Life Sciences 260 (2020) 118261.</p>

R Refaat, A Eldeeb, M Bakir, EI El-Abd, E El-Bassiouni. Differential renoprotective actions of simvastatin and rosuvastatin instreptozotocin-induced diabetes in Sprague-Dawley rat. Archives of Pharmaceutical Sciences Ain Shams University. 2020, 4 (1), 104-112

Gowayed MA, Rothe K, Rossol M, Attia AS, Wagner U, Baerwald C, El-Abhar HS, Refaat R. The role of  $\alpha 7nAChR$  in controlling the anti-inflammatory/anti-arthritis action of Galantamine. Biochem Pharmacol 170 (2019) 113665.

Bakir MB, Salama MA, Refaat R, Ali MA, Khalifa EA, Kamel MA. Evaluating the therapeutic potential of one-carbon donors in nonalcoholic fatty liver disease. Eur J Pharmacol. 2019 Mar 15; 847:72-82

Abdel-Rehim WM, El-Tahan RA, El-Tarawy MA, Shehata RR, Kamel MA. The possible antidiabetic effects of vitamin D receptors agonist in rat model of type 2 diabetes. Mol Cell Biochem. 2019 Jan; 450(1-2):105-112

Refaat R, Sarhan D, Kotb M, El-Abd E, El-Bassiouni E. Post- irradiation protective effects of ectoine on brain and testicles in male mice. Pharmacol Rep. 2018 Apr; 70 (2):304-308.

Sarhan DA , Shehata R R, Kandil YI, Kotb MA, El-Bassiouni EA. Influence of Whole Body X-irradiation on the Liver and Possible Protective Effect by the Compatible Solute Ectoine in a Mouse Model European Journal of Biophysics 2016; 4(3): 16-21

Refaat R, Sakr A, Salama M, El Sarha A. Combination of Vildagliptin and Pioglitazone in Experimental Type 2 Diabetes in Male Rats. Drug Dev Res. 2016 Sep; 77(6):300-9. Mennatallah A. Gowayed, Rowaida Refaat, Walid M. Ahmed, Hanan S. El-Abhar. Effect of galantamine on adjuvant-induced arthritis in rats. Eur J Pharmacol. 2015; 764: 547-553.

Farag MM, Ahmed GO, Shehata RR, Kazem AH. Thymoquinone improves the kidney and liver changes induced by chronic cyclosporine A treatment and acute renal ischaemia/reperfusion in rats. J Pharm Pharmacol. 2015 May; 67(5):731-9.

Salman ZK, Refaat R, Selima E, Sarha AE, Ismail MA. The combined effect of metformin and l-cysteine on inflammation, oxidative stress and insulin resistance in streptozotocin-induced type 2 diabetes in rats. *Eur J Pharmacol.* 2013; 714: 448-455.

Refaat R, Salama M, Abdel Meguid E, El Sarha A, Gowayed M. Evaluation of the effect of losartan and methotrexate combined therapy in adjuvant-induced arthritis in rats. *Eur J Pharmacol*, 2013; 698: 421-428.

Mohamed I Saad, Maher A Kamel, Mervat Y Hanafi, Madiha H Helmy, Rowaida R Shehata. Effect of Sitagliptin and Glimepiride on Glucose Homeostasis and cAMP Levels in Peripheral Tissues of HFD/STZ Diabetic Rats. *American Journal of Biomedical Research*, 2014, Vol. 2, No. 3, 52-60

Rowaida Refaat, Mona Salama, Maher A Kamel, Sherihan Salah EL Din. The anti-inflammatory and apoptotic effects of atorvastatin in combination with celecoxib in adjuvant-induced arthritis in rats. *Int. Res. J. Pharm. Pharmacol.* 2013; 3(4): 58-66.

Kotb MA, Ramadan HS, Motaweh HA, Shehata RR, Shams El-Din R, El-Bassiouni EA. Changes in some biophysical and biochemical parameters in blood and urine of workers chronically exposed to benzene. *Eur Scien J.* 2013; 9: 411- 422.

H Elewa, Z. K Zalat, G Oriquat, R Refaat, W El-Hadidy, S Yacoub. Low-dose captopril and antioxidant combination as adjunct therapy in type-2 diabetic patients with coronary artery disease: A preliminary study. *J Diabetology* 2011; 3: 4

Z.K.Salman, T.A.Abd EL-Maksood, R.Refaat, M.F.Shabana. Evaluation of the antidiabetic and antioxidant effects of metformin when used alone and in combination with alpha-lipoic acid in streptozotocin-induced type 2 diabetes. *J. of the Egypt. Soc. Endocrin., Metab. & Diab.* 2010.

Maher A. Kamel, Mervat Y. Hanafy and Rowaida R. Shehata. Effect of celecoxib on different biochemical pathways during rat gestation. *Journal of Biophysics and Biomedical Sciences*, March 2008; 1(1): 18-22.

M.M.Farag, M.Mikhail, R.Shehata, E.Abdel-Meguid and S.Abdel-Tawab. Assessment of gentamicin-induced nephrotoxicity in rats treated with low doses of ibuprofen and diclofenac sodium. *Clinical Science*, 1996; 91:187-191