



MAHA A. EL DEMELLAWY

PROFESSOR

<b>PERSONAL INFORMATION</b>	Full Name: Affiliations:  Address:  Mobile No.: E-mail:  Important links:	Maha A. El Demellawy Medical Biotechnology Department (MBD), Genetic Engineering and Biotechnology Research Institute (GEBRI), Pharmaceutical & Fermentation Industries Development Center (PFIDC), City for Scientific Research and Technology Applications (SRTA-City) Universities & research Center District, New Borg El Arab, 21934, Alexandria, Egypt +2-01001268524 <a href="mailto:m.eldemellawy@srtacity.sci.eg">m.eldemellawy@srtacity.sci.eg</a> <a href="mailto:meldemellawy@gmail.com">meldemellawy@gmail.com</a>
<b>EDUCATION</b>	<ul style="list-style-type: none"> <li>- <b>PhD, 1994</b>, Immunology, Faculty of Science, Cairo University</li> <li>- <b>MSc, 1990</b>, Immunology, Faculty of Science, Cairo University.</li> <li>- <b>Premaster courses, 1987</b>, Immunology, Faculty of Science, Cairo University.</li> <li>- <b>BSc, 1984</b>, Zoology, Faculty of Science, Cairo University.</li> </ul>	
<b>ACTIVITIES</b>	<b>Scientific Activities</b> List your Scientific Activities here... (Activity Title, Description & Date)	<b>Administrative Activities</b> <ul style="list-style-type: none"> <li>- 9/1985 to 3/1990, Laboratory specialist in the ICU, Chest &amp; Cardiac Surgery Department, Kasr El Aini Hospital, Faculty of Medicine, Cairo University, Cairo, Egypt</li> <li>- 3/1990 to 3/1995, Research Assistant, Research Center for Infectious Diseases, (VACSERA), Cairo, Egypt</li> <li>- 3/1995 to 7/2007, Associate professor, head of MBD, GEBRI, SRTA-City</li> <li>- 10/2005 to date, Professor at MBD, GEBRI, SRTA-City, Alexandria, Egypt</li> <li>- 9/2001 to 11/2007, Dean of GEBRI, SRTA-City</li> <li>- 10/2006 to 2/2007, Acting Director of SRTA-City</li> <li>- 10/2010 to 7/2015, Professor and Head of MBD, GEBRI, SRTA-City</li> <li>- 3/2010 to date, Executive Director of Preclinical Research and Service Unit (PRSU), GEBRI, SRTA-City</li> </ul>

	<ul style="list-style-type: none"> <li>- 11/2014 to date Acting president of Pharmaceutical, Drugs, and Fermentation Industries Development Center, SRTA-City</li> <li>- 12/2015 to 3/2017 Acting director of SRTA-City.</li> <li>- 3/2017 to date Director of SRTA-City.</li> </ul>
	<p><b>Extra-curriculum Activities</b></p> <p>List your Extra-curriculum Activities here...</p> <p>e.g. (Leadership, Community services &amp; Volunteer work)</p>
<p><b>GRANTS &amp; AWARDS</b></p>	<p><b>Grants</b></p> <ul style="list-style-type: none"> <li>- <b>Co/PI of Project titled:</b> Development and evaluation of various novel probes to detect hepatitis C (HCV). <b>Funded by US/EG S&amp;T program (1997-2001)</b></li> <li>- <b>Co/PI of Project titled:</b> Purification and characterization of low molecular mass antigen of <i>Mycobacterium tuberculosis</i>. <b>Funded by US/EG S&amp;T program (1998-2001)</b></li> <li>- <b>PI of Project titled:</b> Molecular basis for the design of an effective vaccine for rheumatic heart disease. <b>Funded by US/EG S&amp;T program (1999-2002)</b></li> <li>- <b>Co/PI of Project titled:</b> Elucidation of medicinal value of Egyptian wild Mushroom. <b>Funded by Ministry of International Cooperation (2002-2006)</b></li> <li>- <b>Co/PI of Project titled:</b> Preparation and production of monoclonal antibody (Muromonab CD3): a reversal of kidney transplant rejection. <b>Funded by Program for Genetic Engineering and Biotechnology Strategy, Egyptian Academy of Science and Technology (2006-2009).</b></li> <li>- <b>PI of project titled:</b> Polymorphism in immunogenetic factors affecting disease outcome in Egyptian HCV Infected Patients. <b>Funded by Program for Genetic Engineering and Biotechnology Strategy, Egyptian Academy of Science and Technology (2006-2010)</b></li> <li>- <b>PI of project titled:</b> Analysis of hepatitis C virus persistence at the molecular levels using a unique cell culture model. <b>Funded by MENA/SIDA program. (2007-2010)</b></li> <li>- <b>PI project titled:</b> Establishment of Preclinical Research and Service Unit (PRSU) in City for Scientific Research and Technology Applications (Upgrading project) <b>Funded by Ministry of Scientific Research. (2011-2012)</b></li> <li>- <b>Partner in project titled:</b> Development of anti-hepatitis C virus (HCV) drug from blue green algae. <b>Funded by Research and Innovation (RDI) program (EU/EG). (2009-2011)</b></li> <li>- <b>Partner in project titled:</b> Dysfunctional myeloid cells as a predictor of failure of chronic HCV patients to interferon therapy. <b>Funded by Science and Technology Development Fund, Egypt.(2010-2013)</b></li> <li>- <b>Partner in a project titled:</b> Efficient anti-HCV vaccine with protein-transduced dendritic cells. <b>Funded by Science and Technology Development</b></li> </ul>

	<p><b>Fund, Egypt.(2010-2013)</b></p> <ul style="list-style-type: none"> <li>- <b>Partner in project titled:</b> Computer Aided Drug Design and Synthesis of Potent Anti-HCV Benzimidazoles and Quinoxalines. <b>Funded by Science and Tchnology Development Fund, Egypt.(2010-2014).</b></li> <li>- <b>Partner in a project titled:</b> In Vivo and In Vitro molecular characterization of two anti- acetylcholinesterase compounds as amyloid precursor protein translation blocker for Alzheimer treatment. <b>Funded by Science and Tchnology Development Fund, Egypt.(2013-2015)</b></li> <li>- <b>PI of project titled:</b> Identification of Target Myocardial Autoantigen for the Development of Effective Therapeutics for Rheumatic Fever (RF) &amp; Rheumatic Heart Disease (RHD). <b>Funded by Science and Tchnology Development Fund, Egypt.(2010-2015)</b></li> <li>- <b>PI of Project titled:</b> Establishment of complete facilities for preclinical In Vivo studies of some newly discovered pharmaceutical products (capacity Building project) <b>Funded by Science and Tchnology Development Fund, Egypt.(2013-2015)</b></li> <li>- <b>PI of project titled:</b> Center of Excellency for Drugs preclinical studies. "Preclinical evaluation of novel anti hepatitis C natural and synthetic compounds" <b>Funded by Science and Tchnology Development Fund, Egypt.(2013- 2019)</b></li> </ul> <p><b>Awards</b></p> <ul style="list-style-type: none"> <li>- <b>Fulbright/University of Tennessee special program</b>, Surgery/Immunology, UT Memphis, USA, 15/5/1995 to 10/2/1996</li> <li>- <b>Research fellow</b>, Lymphocyte Research Program, VAMC (151) at Memphis, TN, USA, 10/3/1996 to 30/9/1996</li> <li>- <b>Fulbright Scholar</b>, Surgery/Immunology, UT Memphis, USA, 1/10/1996 to 30/6/1997</li> <li>- <b>Fulbright Scholar</b>, Molecular genetic, Biochemistry, Microbiology Dept, Collage of Medicine, University of Cincinnati, USA, 1/1/2009-30/9/2009</li> </ul>
<p><b>LIST OF PUBLICATIONS</b></p>	<ol style="list-style-type: none"> <li>1. <b>Nabil, M, El Demellawy, M.A, Mahmoud, M.F, Mahmoud, A.A.A, 2020</b>, Prolonged overnutrition with fructose or fat induces metabolic derangements in rats by disrupting the crosstalk between the hypothalamus and periphery: Possible amelioration with fenofibrate. European Journal of Pharmacology. 879: Article number 173136.</li> <li>2. <b>Huda Naeim, Amr El-Hawiet, Raoufa A Abdel Rahman, Ahmed Hussein, Maha A El Demellawy, Amira M Embaby. 2020</b>. Antibacterial activity of <i>Centaurea pumilio</i> L. root and aerial part extracts against some multidrug resistant bacteria. BMC Complementary Medicine and Therapies. 20: 1-13.</li> <li>3. <b>Manal Shalaby, Mona Agwa, Hesham Saeed, Shaimaa M Khedr, Omnia Morsy, Maha A El-Demellawy. 2020</b>. Fish Scale Collagen Preparation,</li> </ol>

	<p>Characterization and Its Application in Wound Healing. <u>Journal of Polymers and the Environment</u>. 28:166–178.</p> <p>4. <b>Nancy M Metwally, Amina M El Hosary, Gamal M El Maghraby, Maha A El Demellawy, Mohamed N Mahrous, Elsayed M Deraz. 2019.</b> Cytotoxicity study of different omega 3 formulations as a possible pulpotomy agents compared with formocresol in the primary teeth. <i>Tanta Dental Journal</i>. 6:216.</p> <p>5. <b>Abd El-Salam F El-sawy, Zeynab Kh El-Maddawy, Maha El Demellawy, Shaimaa M Khedr. 2019.</b> Some Toxicological, Hematological, Biochemical, and Reproductive Effects of Berberine In Male Rats. <i>Alexandria Journal for Veterinary Sciences</i>. 63.</p> <p>6. <b>Ingy S Soliman, Mohamed S El-Attar, Mohamed M Fata, Juan R Garcia, Osama Abdel Aziz, Ahmed Y Kosba, Maha El-Demellawy. 2019.</b> Clinical and radiographic evaluation of the use of intraoral implants in construction of single stage implant retained auricular prostheses. <i>Alexandria Dental Journal</i>. 44:2.</p> <p>7. <b>Ashraf M Omar, Heba A Abd El Razik, Aly A Hazzaa, Maryam AZ El-Attar, Maha A El Demellawy, Abeer E Abdel Wahab, Soad AM El Hawash. 2019.</b> <u>New pyrimidines and triazolopyrimidines as antiproliferative and antioxidants with cyclooxygenase-1/2 inhibitory potential.</u> <i>Future medicinal chemistry</i>. 11:13, 1583-1603.</p> <p>8. <b>Nehal Elkhoully, Hanaa Assem, Doaa A Ghareeb, Mohamed El-Sayed, Maha El Demellawy. 2019.</b> Comparative molecular evaluation of fungi degraded date pits as a dietary supplement for aflatoxicosis induced in fish and rats animal models. <i>Journal of Alexandria for Science</i>. 1:1</p> <p>9. <b>Ahmed Elwakeel, Hadeer Soudan, Ahmad Eldoksh, Manal Shalaby, Maha El Demellawy, Doaa Ghareeb, Myriam Abouseif, Amira Fayad, Mostafa Hassan, Hesham Saeed. 2019.</b> Implementation of the Chou-Talalay method for studying the in vitro pharmacodynamic interactions of binary and ternary drug combinations on MDA-MB-231 triple negative breast cancer cells. <i>Synergy</i> 8.</p> <p>10. <b>Sally A Sabra, Salah A Sheweita, Medhat Haroun, Doaa Ragab, Maha A El Demellawy, Ying Xia, David Goodale, Alison L Allan, Ahmed O Elzoghby, Sohrab Rohani. 2019.</b> <u>Magnetically Guided Self-Assembled Protein Micelles for Enhanced Delivery of Dasatinib to Human Triple-Negative Breast Cancer Cells.</u> <i>Journal of pharmaceutical sciences</i>. 108, 5, 1713-1725.</p> <p>11. <b>Sally A Sabra, Ahmed O Elzoghby, Salah A Sheweita, Medhat Haroun, Maged W Helmy, Maha A El Demellawy, Ying Xia, David Goodale, Alison L Allan, Sohrab Rohani. (2018).</b> Self-assembled amphiphilic zein-lactoferrin micelles for tumor targeted co-delivery of rapamycin and wogonin to breast cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> 128, 156-169.</p> <p>12. <b>Mona Mohammad Agwa, Fatma Elzahraa Mohamed Elessawy, Ahmed Abd Elrehim Hussein, Maha Adel El Demellawy, Ahmed Osman Elzoghby,</b></p>
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- Mo H Abd El-Salam, Ahmed Ibrahim Eldiwany. (2018).** Development and validation of a robust analytical method to quantify both etoposide and prodigiosin in polymeric nanoparticles by reverse-phase high performance liquid chromatography. *Analytical Methods*, 10, 2272-2281.
13. **Abdel-Salam NA, Ghazy NM, Sallam SM, Radwan MM, Wanas AS, ElSohly MA, El-Demellawy MA, Abdel-Rahman NM, Piacente S, Shenouda ML. (2018).** Flavonoids of *Alcea rosea* L. and their immune stimulant, antioxidant and cytotoxic activities on hepatocellular carcinoma HepG-2 cell line. *Nat Prod Res.* 32 (6), 702-706.
14. **El-Miligy MM, Rida SM, Ashour FA, Badr MH, El-Bassiony EM, El-Demellawy MA, Omar AM. (2017).** Dual inhibitors of hepatitis C virus and hepatocellular carcinoma: design, synthesis and docking studies. *Future Sci OA.* 4:252.
15. **Ahmed O Elzoghby, Shaimaa K Mostafa, Maged W Helmy, Maha A ElDemellawy, Salah A Sheweita (2017).** Multi-Reservoir Phospholipid Shell Encapsulating Protamine Nanocapsules for Co-Delivery of Letrozole and Celecoxib in Breast Cancer Therapy. *Pharm Res* 34 (9), 1956-1969.
16. **Ahmed O Elzoghby, Shaimaa K Mostafa, Maged W Helmy, Maha A ElDemellawy, Salah A Sheweita. (2017).** Superiority of Aromatase Inhibitor and Cyclooxygenase-2 Inhibitor Combined Delivery: Hyaluronate-Targeted Versus PEGylated Protamine Nanocapsules for Breast Cancer Therapy. *Int J Pharm* 529 (1-2), 178-192.
17. **Hani S Hafez, Doaa A Ghareeb, Samar R Saleh, Mariam M Abady, Maha A El Demellawy, Hend Hussien, Nihad Abdel-Monem. (2017).** Neuroprotective effect of ipriflavone against scopolamine-induced memory impairment in rats. *Psychopharmacology*.
18. **Mohamed Labib Salem, Abdel-Aziz A Zidan, Mohamed Attia, Randa E EL-Naggar, Mohamed Nassef, Abdel Raouf Abou El-Azm, Hasan El-Bate, Mohamed Yussif, Sohaila Galal, Mohamed Abo Senna, Maha El Demellawy. (2017).** IFN- $\alpha$ -based treatment of patients with chronic HCV show increased levels of cells with myeloid-derived suppressor cell phenotype and of IDO and NOS. *Immunopharmacology and Immunotoxicology.* 39: 157-164.
19. **A. Senbel, L.A. Zeid, A. Bistawros, M. El Demellawy, A.A. Razik. (2016).** Standardization of In Vivo Drug Assessment Protocol For Testing Anti-Diabetic Plants: Effect And Possible Mechanism of Action of Fabaceae Beans. *Clinical Therapeutics* 38(10):e32.
20. **Doaa A. Ghareeb, Eiman H. Elwakeel, Rowaida Khalil, Mina S. Aziz and Maha A. El demellawy. (2016).** Investigation of the Immunomodulatory effect of *Berberis vulgaris* on core-pulsed dendritic cell vaccine. *BMC Complementary and Alternative Medicine.* 16:325-336.
21. **Mohamed Abd El Salam, Hattem Mekky, EMB El-Naggar, Doaa Ghareeb, Maha El-Demellawy and Fathy El Fiky. (2016).** Biological activities of *berberis vulgaris* constituents: cytotoxicity, antihepatitis c virus and anti-

- acetylcholine esterase. *Journal of Pharmaceutical Biology*, 6(2), 89-97.
22. **Marwa M Abu-Serie, Maha A El Demellawy, Mohamed El-Sayed and Fatma El-Rashidy.** In Vitro Sustained Differentiation of Rat Colon Epithelial Stem Cells. (2016). *Biochemistry & Analytical Biochemistry*.
  23. **Mohie MK Sharaf El-Din, Mohamed WI Nassar, Khalid AM Attia, Maha A El Demellawy, Mohamed MY Kaddah.** (2016). Validated liquid chromatography–tandem mass spectrometry method for simultaneous determination of clopamide, reserpine and dihydroergotoxine: Application to pharmacokinetics in human plasma. *Journal of pharmaceutical and biomedical analysis*. 125, 236-244.
  24. **Doaa A Ghareeb, Sofia Khalil, Hani S Hafez, Jürgen Bajorath, Hany EA Ahmed, Eman Sarhan, Eiman Elwakeel, Maha A El-Demellawy.** Berberine Reduces Neurotoxicity Related to Nonalcoholic Steatohepatitis in Rats. (2015). *Evidence-Based Complementary and Alternative Medicine*. 2015:1-13
  25. **Mina Aziz, Doaa Ghareeb, Saber Eweda, Hend Hussien and Maha El Demellawy.** (2015). Immunomodulatory effect of Berberis vulgaris extracts on murine splenocytes and enrichment of dendritic cells in vitro. *Biotechnology & Biotechnological Equipment*. DOI: 10.1080/13102818.2015.1069172
  26. **Marwa Abu-Serie, Maha El Demellawy, Mohamed El-Sayed, Fatma El-Rashidy.** (2015). In vitro animal cancer model for assessment of sulfated polysaccharides extract of Ulva lactuca as colon cancer therapeutic and chemopreventive agents. *International Journal of Cancer Therapy and Oncology*. 3 (2).
  27. **Sarah El-Messeiry Yehia Mustafa, Sanaa Riad, Salah Abdel-Rahman, Maha El Demellawy.** (2015). The expression level of c-myc oncogene affected by exposure to low frequency electromagnetic fields (LF-EMFs) in mouse mesenchymal stem cells (MSCs). *Applied Cell Biology*. 4 (1), 6-11.
  28. **M Abd El-Salam, H Mekky, EMB El-Naggar, D Ghareeb, M El-Demellawy, F El-Fiky** (2015). Hepatoprotective properties and biotransformation of berberine and berberrubine by cell suspension cultures of *Dodonaea viscosa* and *Ocimum basilicum*. *South African Journal of Botany*. 97, 191-195.
  29. **Yehia Mustafa, Sanaa Riad, Salah Abdel-Rahman, Maha El-Demellawy and Sarah El-Messeiry** (2014). Effect of Low Frequency Electromagnetic Fields (LF-EMFs) on c-myc Oncogene Expression Level in Peripheral Blood Mononuclear Cells (PBMCs). *British Biotechnology Journal* 4(12): 1263-1271.
  30. **Hoda Ibrahim El Diwani, Heba Tawfik Abdel-Mohsen, Ismail Salama, Fatma Abdel-Fattah Ragab, Mostafa Mahmoud Ramla, Shadia Ahmed**



- Galal, Mohamed Mostafa Abdalla, Abeer Abdel-Wahab, Maha Adel El Demellawy.** (2014). Synthesis, Molecular Modeling, and Biological Evaluation of Novel Benzimidazole Derivatives as Inhibitors of Hepatitis C Virus RNA Replication. Chemical and Pharmaceutical Bulletin. 62 (9), 856-866
31. **Gohar EY, El-gowilly SM, El-Gowell HM, El-Demellawy MA, El-Mas MM.** (2014) PI3K/Akt-independent NOS/HO activation accounts for the facilitatory effect of nicotine on acetylcholine renal vasodilations: modulation by ovarian hormones. PLOS ONE. 9 (4) e95079, 1-12.
32. **Ranya A. Amer, Abeer Abdel Wahab, Sahar M.F. Fathy, Osama M. Salama, Maha A El Demellawy** (2014). Characterization of Blue Green Algae Isolated from Egyptian Rice field with Potential Anti Hepatitis C Active Components. African journal of Biotechnology, 13 (9), 1086-1096.
33. **Abd El-Wahab AE, Ghareeb DA, Sarhan EE, Abu-Serie MM, El Demellawy MA.** (2013). In vitro biological assessment of berberis vulgaris and its active constituent, berberine: antioxidants, anti-acetylcholinesterase, anti-diabetic and anti-cancer effects. BMC Complement Altern Med. 13(1):218.
34. **Abeer E. Abd El –Wahab, Doaa A. Ghareeb, Eman EM. Sarhan, Marwa M Abu-Serie, Maha A. El Demellawy** (2013). Biological assessment of *Berberis vulgaris* and its Active Constituent, Berberine: B) Antibacterial, antifungal and anti HCV effect. J. Med. Plants Res, 7 (21), 1529-1536.
35. **Elsayed A Elsayed, Hoda Omar, Hasnaa R Shahin, Hamida Abou-Shleib, Maha El-Demellawy, Mohammad Wadaan, Hesham A El-Enshasy** (2013). Production of monoclonal antibody, Anti-CD3 by hybridoma cells cultivated in Basket Spinner under free and immobilized conditions. BMC Proceedings. 7(Suppl 6): P57.
36. **Hala El-Adawi , Maha El-Demellawy and Abeer Abd El-Wahab** (2011) Some Medicinal Plant Extracts Exhibit Potency Against Viral Hepatitis C, J Biosci Tech, Vol 2 (1),2011,223-231
37. **H.El-Enshasy,A.Daba,M.El-Demellawy,A.Ibrahim,S.El Sayed, I. El-Badry** (2010). Bioprocess development for large scale production of anticancer exopolysaccharide by *Pleurotus ostreatus* in submerged culture. Journal of Applied Sciences. 10 (21). 2523–2529.
38. **Mohamed L. Salem, Maha EL-Demellawy, Abdel Raouf Abou El-Azm.** (2010). The potential use of Toll-like receptor agonists to restore the dysfunctional immunity induced by hepatitis C virus. Cellular Immunology 262: 96–104.
39. **Hesham A. EL-Enshasy, Ahmed Abdeen, Sherif Abdeen, Elsayed A. Elsayed, Maha EL Demellawy, Abdallah A. EL Shereef** (2009). Serum

Concentration Effects on the Kinetics and Metabolism of HeLa-S3 Cell Growth and Cell Adaptability for Successful Proliferation in Serum Free Medium. World Applied Sciences Journal 6: 608-615.

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41. **Maha A. El Demellawy, Abeer Abdel Wahab, Essam M Emad, Kamal M. Kandeel, Ashraf Tabll, Mostafa K. El Awady** (2006). Sensitivity of IS6110, mtp40 and 85B-RNA Based Amplification Assays in the Diagnosis and Treatment Follow up of Pulmonary Mycobacterium Tuberculosis. J. Bio. Sci. 6, 121-126.
42. **El-Hawash SA, Abdel Wahab AE, El-Demellawy MA** (2006). Cyanoacetic Acid Hydrazones of 3-(and 4-) Acetylpyridine and Some Derived Ring Systems as Potential Anti-tumor and Anti-HCV Agents. Arch Pharm (Weinheim). 339:14-23.
43. **El Ridi R, Salem R, Wagih A, Mahana N, El Demellawy M, Tallima H** (2006). Influence of interleukin-2 and interferon-gamma in murine schistosomiasis. Cytokine 33, 281-288.
44. **El Ridi R, Wagih A, Salem R, Mahana N, El Demellawy M, Tallima H** (2006). Impact of interleukin-1 and interleukin-6 in murin primary schistosomiasis. International Immunopharmacology. 6:1100-1108.
45. **Mostafa K El-Awady, Ashraf A Tabll, Yasmine S El-Abd, Mahmoud M Bahgat, Hussein A Shoeb, Samar S Youssef, Noha G Bader El Din, El-Rashdy M Redwan, Maha El-Demellawy, Moataza H Omran, Wael T El-Garf, Said A Goueli** (2006). HepG2 cells support viral replication and gene expression of hepatitis C virus genotype 4 In Vitro. World J Gastroenterol. 12, 4836-4842.
46. **Maha A. El Demellawy, Ahmed A. Hassan, Rida Abd El Rrahman** (2005). The Prognostic Value of IL-1 $\beta$  and other Clinical Parameters in Evaluation of Aggressive and Chronic Periodontitis. Egypt. J. Biomed. Sci. 17, 341-352.
47. **Maha El-Demellawy, Esmail, T.A. and El-Enshasy, H.A** (2005). Kinetics of Cell Growth and Metabolic Activity of Bone Marrow Derived Stem Cells under Different Osmotic Stresses. Egypt. J. Biomed. Sci. 17, 330-340.
48. **Mostafa K. EL-Awady, Ashraf A. Tabll, El-Rashdy M. Redwan, Samar Youssef, Motasa H. Omran, Maha El-Demellawy** (2005). Flow Cytometric Detection of Hepatitis C Virus Antigens in Infected Peripheral Blood Leukocytes: Binding and Entry. World J Gastroenterol. 11:5203-5208.
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- Adult Warm Antigen (SAWA) Fractions Recognized by Lymphocytes of Infected and Immunized Baboons. Egypt. J. Biomed. Sci. 14, 218-235.
50. **Naglaa El Genghi; Suher Zada; Maha A. El Demellawy** (2004). Immune Response to *Schistosoma Mansoni* Calreticulin in Schistosomiasis Resistant Individuals. Egypt. J. Immunol. 11, 37-45.
  51. **Maha A. El Demellawy, Adel M.S. Farrag** (2004). Role of Humoral Immune Response to Group A streptococci pyrogenic exotoxins in Rheumatic Fever. Egypt. J. Immunol. 11, 157-164.
  52. **Sherif A. F. Rostom, Manal A. Shalaby, Maha A. El-Demellawy** (2003). Polysubstituted Pyrazoles, Part 5: Synthesis of New 1-(4-Chlorophenyl)-4-Hydroxy-1*H*-Pyrazole-3-Carboxylic acid hydrazide Analogs and Some Derived Ring Systems. A Novel Class of Potential Antitumor and Anti-HCV Agents. Eur J Med Chem. 38, 959-74.
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  54. **Maha El-Demellawy, Abbas Mourad, Rashika El- Ridi, Mohamed Abdel Aleem** (2001). Human heart antigens that are recognized by serum antibodies of acute rheumatic fever and rheumatic heart disease patients. Kasr El Aini Med. J. 7, supp 2, 459-480.
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  59. **Guedez Y., Kotby A., El-Demellawy M., Galal A., Thomson G., Zaher S., Kassem S., Kotb M** (1999). HLA Class II Associations with Rheumatic Heart Disease are More Evident and Consistent Among Clinically Homogeneous Patients. Circulation. 99: 1784-2790.
  60. **El-Demellawy, M., El-Ridi, R., Guirguis, N.I., Abdel Alim, M., Kotby, A.,**

- Kotb, M** (1997). Preferential Recognition of Human Myocardial Antigens by T Lymphocytes from Rheumatic Heart Disease Patients. *Infect. Immun.* 65, 2197-2205.
61. **El-Ridi, R., Ismail, S., Gaffar, T., El-Demellawy, M** (1997). Differential Responsiveness of Humans with Early-Stage Schistosomiasis Haematobium to *Schistosoma haematobium* Soluble Adult-Warm and Egg Antigens. *Parasitol. Res.* 83, 471-477.
62. **Goldberg, A.C., Kalil J., Gorodezky C., Kotb M., Mehra N., Saruhan-Direskenel G., Barbalho T.P., Chavez-Negrete A., Chiarella J.M., Crowe D., Debaz H., El-Demellawy M., Eker-Ömeroglu R., Guedez Y., Kiss M.H., Marin M.L., Meric F., Rajalingom R., Snitcowsky R., Tanaka A.C** (1997). HLA and rheumatic fever:12th International Histocompatibility Workshop study. HLA in Medicine. In Genetic Diversity of HLA Functional and Medical Implication. Proceeding of the Twelfth International Histocompatibility Workshop and Conference. Editor: Dominique Charron. EDK medical and Scientific International Puplicher, France. Page: 413-418.
63. **Silver J., Gulwani-Akolkar B., Akolkar P.N., Leffell M.S., Bias W., Kotb M., El-Demellawy M., Guedez Y.B., Kotby A., Obata F., Kashiwagi N.** HLA and the T Cell Receptor (1997). New Genetics. In Genetic Diversity of HLA Functional and Medical Implication. Proceeding of the Twelfth International Histocompatibility Workshop and Conference. Editor: Dominique Charron. EDK medical and Scientific International Puplicher, France. Page: 183-187.
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